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UNIVERSITY OF IDAHO
BULLETIN

Volume XXX

Number 1

APRIL, 1935

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For the 1934-35 Sessions, with
Announcements for 1935-36

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Published by the University of Idaho, Moscow, Idaho

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Divisions of the University

COLLEGE OF LETTERS AND SCIENCE
COLLEGE OF AGRICULTURE
COLLEGE OF ENGINEERING
COLLEGE OF LAW
SCHOOL OF MINES
SCHOOL OF FORESTRY
SCHOOL OF EDUCATION
SCHOOL OF BUSINESS ADMINISTRATION
GRADUATE SCHOOL
UNIVERSITY JUNIOR COLLEGE
SOUTHERN BRANCH (Pocatello)
AGRICULTURAL EXPERIMENT STATION
ENGINEERING EXPERIMENT STATION
AGRICULTURAL AND HOME ECONOMICS EXTENSION
NON-RESIDENT INSTRUCTION
SUMMER SCHOOL

Calendar of the University

1935-36

FIRST SEMESTER

1935

Last Date for Mailing Permits to Register to New Students	Sept. 9
Freshman Days	Sept. 16, 17
Registration Days	Sept. 17, 18
All University Exercises Begin	Sept. 19
Last Date for Change of Study List or Curriculum	Oct. 3
Final Date for Removal of Incompletes	Oct. 5
Commercial Dairying Course Begins	Oct. 21
Armistice Day (Holiday)	Nov. 11
Midsemester Reports Due	Nov. 16
Thanksgiving Vacation (Begins 4:00 P. M. Wednesday)	Nov. 28-Dec. 1
Christmas Vacation Begins, 4:00 P. M. (Friday)	Dec. 20

1936

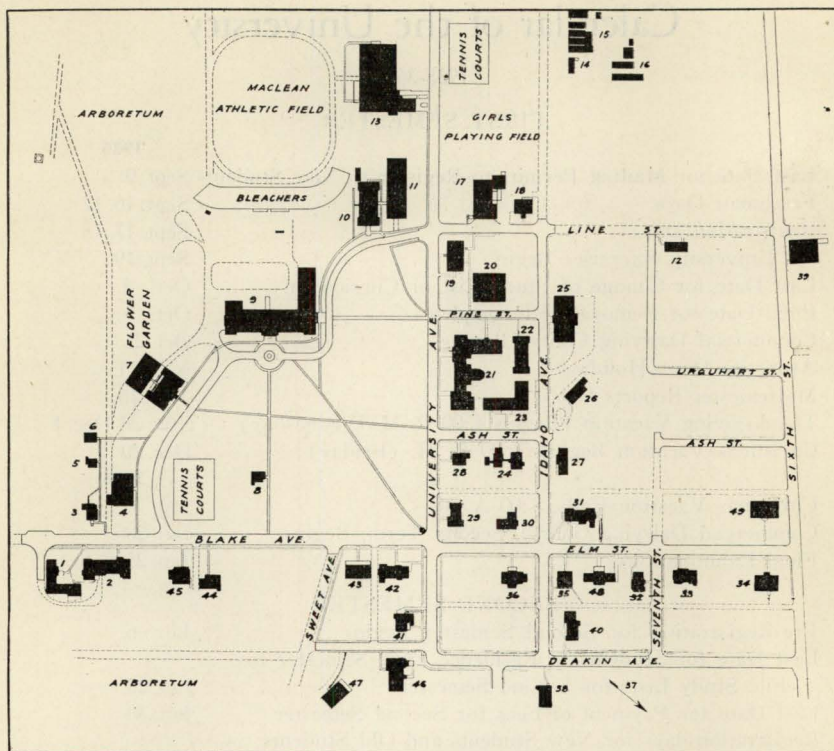
Christmas Vacation Ends, 8:00 A. M.	Jan. 6
Commercial Dairying Course, Second Term, Begins	Jan. 20
Final Examinations	Jan. 25-Feb. 1

SECOND SEMESTER

Pre-Registration for Second Semester Begins	Jan. 6
Last Date for Students in Residence First Semester to File Study Lists for Second Semester	Jan. 23
Last Date for Payment of Fees for Second Semester	Jan. 30
Registration days for New Students and Old Students Returning	Jan. 31-Feb. 1
All University Exercises Begin	Feb. 3
Last Date for Filing Applications for Baccalaureate Degrees in June, 1936	Feb. 15
Last Date for Change of Study List or Curriculum	Feb. 15
Final Date for Removal of Incompletes	Feb. 21
Washington's Birthday (Holiday)	Feb. 22
Last Date for Filing Applications for Advanced Degrees in June, 1936	Mar. 16
Commercial Dairying Course, Second Term, Ends	Mar. 20
Midsemester Reports, Due (Thursday)	Apr. 2
Spring Vacation (Begins 4:00 P. M. Wednesday)	Apr. 9-12
Memorial Day (Holiday)	May 30
Final Examinations	May 29-June 6
Commencement	June 8

SUMMER SCHOOL

Summer School Begins	June 9
Summer School Ends	July 17



The University Campus

- | | | |
|--------------------------------|-------------------------------|-------------------------|
| 1. Hays Hall | 17. Mechanical Engineering | 33. Lambda Chi Alpha |
| 2. Forney Hall | and General Maintenance Shops | 34. Alpha Phi |
| 3. Center Cottage | 18. Dairy Building | 35. Delta Gamma |
| 4. Ridenbaugh Hall | 19. University Hut | 36. Phi Delta Theta |
| 5. Bartley Cottage | 20. Metallurgy Building | 37. Tau Kappa Epsilon |
| 6. Music Hall Annex | 21. Science Building | 38. Pi Beta Phi |
| 7. Engineering Buildings | 22. Geology Building | 39. Heating Plant |
| 8. Music Hall | 23. Lindley Hall | 40. Alpha Tau Omega |
| 9. Administration Building | 24. Infirmary | 41. Kappa Alpha Theta |
| 10. Women's Gymnasium | 25. Morrill Hall | 42. Delta Chi |
| 11. Lewis Court | 26. Delta Tau Delta | 43. Kappa Sigma |
| 12. Wood Conversion Laboratory | 27. Sigma Chi | 44. Chi Alpha Pi |
| 13. Memorial Gymnasium | 28. Senior Hall | 45. Gamma Phi Beta |
| 14. Horticulture Sheds | 29. Phi Gamma Delta | 46. L.D.S. Institute |
| 15. Greenhouses | 30. Kappa Kappa Gamma | 47. Sigma Alpha Epsilon |
| 16. Seed Houses | 31. Beta Theta Pi | 48. Sigma Nu |
| | 32. Alpha Chi Omega | 49. Delta Delta Delta |

PART I
General Information

PART I
General Information

The University of Idaho

This, the catalog number of the University of Idaho Bulletin, is published to place before the people of the State material concerning the educational facilities provided by the various Schools and Colleges comprising the State University.

HISTORY AND GROWTH

THE State of Idaho maintains the University of Idaho "for the training of her future citizens to their highest usefulness in private life and public service."

The University of Idaho was established in January, 1889, by an Act of the Fifteenth Territorial Legislature. Classes began in October, 1892, with an enrollment of approximately 40 students.

Control of the University, together with all other public schools, is in the hands of the State Board of Education and Board of Regents of the University of Idaho. This board consists of five members appointed by the Governor, with the State Superintendent of Public Instruction, ex-officio.*

From a humble beginning, before Idaho became a State, the University of Idaho has become one of the better-known state universities of the West. Its grand total enrollment has numbered more than 13,000 students. More than 4,500 bachelor's and master's degrees have been granted. In addition to instructing the youth of Idaho, the University extends valuable technical and professional services to practically every industry and community of the State and reaches thousands through Agricultural Extension, Non-Resident instruction, and the Summer Sessions.

The University of Idaho is on the fully credited list of the Association of American Universities; is an accredited member of the Northwest Association of Secondary and Higher Schools; is recognized by the American Association of University Women, the American Medical Association, the American Bar Association, and meets other standards as listed in the College Blue Book. The University also is a member of the Association of Land-Grant Colleges and Universities. Degrees and undergraduate credits of the University of Idaho are accepted by every university in the United States.

The University comprises 16 divisions, which will be found listed in detail in the front of this catalog. For latest enrollment figures and a complete directory of faculty see Parts VI and VII of this catalog. Except for the Pharmacy degree, granted at the Southern Branch, all of the degree-granting divisions of the University are at the Main Campus at Moscow. The work of the Southern Branch, which is a junior college, except in Pharmacy, parallels the first two years at the Main Campus,

*For Members of the Board of Regents see Part VI.

enabling students to complete their work at Moscow for degrees without loss of time.

In addition to the Main Campus at Moscow and the Southern Branch at Pocatello, the University of Idaho embraces agricultural experimental farms at Moscow, Sandpoint, Caldwell, Aberdeen, and Tetonia; agricultural experimental field laboratories at Boise, Twin Falls, and Parma; agricultural and home economics extension offices in Boise, Pocatello, Burley, Rupert, and Moscow; extension service and cooperative field experimentation in nearly all counties; correspondence instruction in 162 separate courses; a Summer School at Moscow; and a wide range of public service touching all of the industries and professions of the State.

The physical plant of the University at Moscow was valued at approximately \$2,140,000, and that of the Southern Branch at approximately \$900,000 in 1933. The University campus and college farm embrace about 785 acres. Agricultural substation farms embrace an additional 750 acres. The Southern Branch campus proper covers 25 acres, with 150 acres of undeveloped land owned by the University immediately adjacent. The University has approximately 10,000 acres of experimental forest land located from 6 to 18 miles from the University campus. In 1932 the School of Forestry received from the Forest Development Company of Lewiston a gift of 3,646 acres located about 18 miles from the Moscow campus.

Few universities have a more beautiful campus than the University of Idaho. Its buildings offer an attractive architectural harmony. Grouped closely about the campus are 20 student-owned residences, 12 being fraternities and 8 sororities. Many of these student homes are outstanding examples of attractive architecture.

The massive Administration Building is the center of the Campus. It houses all the administrative offices, the College of Letters and Science, College of Law, the School of Business Administration, School of Education, the University Library, and the Auditorium. Other major buildings on the campus include Science Hall, Memorial Armory-Gymnasium, Women's Gymnasium, Engineering Building, Morrill Hall, Geology Building, Metallurgical Laboratory, Forney Hall and Hays Hall, women's residences; Lindley Hall and Ridenbaugh Hall, men's residences; Dairy Building; and more than a dozen buildings on the college farm (See the campus map at the front of the catalog).

THE UNIVERSITY LIBRARY is a carefully selected and growing collection of books, periodicals, and other material, gathered primarily to meet the needs of undergraduate work. Each year some progress is made in securing material for more advanced research and it is hoped that in time an adequate university library will be accumulated. The collection now approaches 100,000 volumes made usable by a carefully prepared catalog, by various indexes and other bibliographical aids. About 500 periodicals are received regularly and reference files are maintained.

The library is housed in temporary quarters in the south wing of the Administration building. The space is entirely inadequate, and it is hoped that a library building may soon be provided.

The library is primarily for the use of faculty and students, but all citizens of the state are welcome to make use of it as much as possible without encroaching on the university needs.

THE BORAH FOUNDATION was established at the University of Idaho through the generosity of Salmon O. Levinson of Chicago, who donated to the University a fund to be known as the "William Edgar Borah Outlawry of War Foundation." The resolution of the State Board of Education and Regents of the University of Idaho in accepting this Foundation explains the manner and purpose of its establishment in the following words: "In recognition of the priceless contribution of Senator William Edgar Borah to the cause of world peace through his masterly advocacy of the outlawry of war, and out of deep admiration and friendship for him, Salmon O. Levinson of Chicago offers to the Board of Regents of the University of Idaho to create and endow, to the amount of fifty thousand dollars, the William Edgar Borah Outlawry of War Foundation. The purpose of the Foundation is to establish in the University of Idaho a lectureship for the promotion of a better understanding of international relations, of the age-old struggle with the baffling problem of war, and of the vital part played in its solution by William Edgar Borah." The first lectures were given at the University in the fall of 1931 by Manley O. Hudson, Bemis Professor of International Law, Harvard University. These lectures have since been published in a book entitled, "Progress in International Organization."

PUBLICATIONS

THE UNIVERSITY OF IDAHO BULLETIN series includes the *University Catalog*; information publications for alumni and prospective students; announcements of the several Schools, Colleges, and their curricula; research studies in Agriculture, Forestry, and Engineering; and the biennial report of the President.

AGRICULTURAL PUBLICATIONS.—The University publishes bi-monthly the *News-Letter*, devoted to agricultural and 4-H Club news and articles. *Agricultural Experiment Station Bulletins* contain full accounts of results of investigations by the staff of the Experiment Station. *Agricultural Extension Bulletins* are published frequently to make available to farmers the latest agricultural knowledge in non-technical language. *The Annual Report of the Experiment Station* sets forth the program of the Station, its progress and results.

STUDENT PUBLICATIONS are *The Idaho Argonaut*, semi-weekly newspaper; *The Gem of the Mountains*, Associated Students' yearbook; *The Idaho Blue Bucket*, humorous quarterly; *The Idaho Engineer*, engineering students' semi-annual technical journal; *The Idaho Agriculturist*, agricultural students' annual; and the *Idaho Miner*, mining students' semi-technical journal.

PUBLIC SERVICE BULLETINS.—*The Idaho Forester*, semi-technical and popular annual publication of the School of Forestry; *The Idaho Law Journal*, a technical law journal published by the College of Law. *State*

Bureau of Mines and Geology Bulletins present results of research and field investigation conducted by that division.

EXPENSES

NO TUITION.—No student who has been a resident of the State for one year next preceding his admission shall be required to pay any fees for his tuition in the University, except in professional departments or for extra studies. Students not residents of the State of Idaho, who matriculate as undergraduates in a regular course, are required to pay a tuition fee of \$30 a semester in addition to fees and charges required from students resident in Idaho.

ANNUAL EXPENSES.—Expenditures of students, as reported by themselves, vary widely. Some spend twice as much as others. For items exclusive of clothing and railroad fare, a typical expenditure for a man or woman living in residence hall will be \$400 to \$500 a year. Students living in the fraternity or sorority houses will spend more. Students not living on the campus report expenditures ranging from \$300 to \$500 a year, including clothes (Students whose homes are in Moscow were not included in the investigation). Much depends on the habits and tastes of the student and on his source of money supply. The immediate financial requirement at the beginning of the year is about \$100 to \$120, divided as follows: Associated Students (one-half year), \$8.50; class dues (one-half year), 50c; health fee (one-half year), \$4; room in hall (one-half year), \$27; room deposit, \$5;* board (two weeks), \$9; general deposit, \$10; extra-curricular fee, \$5; laboratory, \$1 to \$15; books, \$10; incidentals, \$20 to \$25. Music students and students from outside the State will have additional fees as elsewhere described.

EMPLOYMENT.—A substantial percentage of students enrolled at the University earn either part or all of their expenses by working during the summer or the college year. Work available during the regular session consists of janitorial service, waiting on table, clerking, bookkeeping, secretarial service, housework, and odd jobs. University officials cannot promise employment to prospective students. New students are urged to come prepared to meet the expenses of the first year. A few resourceful students will find incidental work, but they should not depend upon earning a large proportion of their expenses. The University is glad to assist deserving students in finding employment, and applications for positions should be made to the Proctor of Men.

***RATES IN UNIVERSITY RESIDENCES.**—Board is \$4.50 per week, and must be paid two weeks in advance. Students who room in the University halls must also board there. Room rental is \$27 a semester, payable in advance. A refund will be made only if the student moves from the Hall on or before a specified date. For the 1935-36 University year this date will be September 22, 1935, for the first semester, and February 9, 1936, for the second semester. The check-out must be completed by midnight on these

*The University reserves the right to raise or lower rates for board and room in University halls at any time upon reasonable notice.

dates. A deposit of \$5 is required of each applicant for accommodations at the halls before reservation is effective. This amount should be sent to The Bursar, University of Idaho, Moscow. It will be held until the close of the college year as a guarantee deposit for the proper care of rooms and furnishings. All applications for rooms should be made direct to The Bursar. If detailed information regarding University residences is desired, letters will be referred to the proper authorities.

WOMEN'S RESIDENCES.—Three hundred young women can be housed by the University in the two women's halls, Mary E. Forney Hall and Gertrude L. Hays Hall. Rooms are arranged in suites for four and also in rooms for two occupants. Rooms are well lighted and heated and afford every comfort. Students are expected to provide for themselves the following articles: three pairs of sheets $1\frac{1}{2}$ by 3 yards; three pillow slips; a counterpane; a pillow; suitable bedding; towels; bureau covers; mattress pad; napkin ring; drinking glass for room; couch cover; and one small rug, approximately 5 by $2\frac{1}{2}$ feet in size. All articles should be plainly marked with the name of the owner. Much if not all of the laundry can be done in the halls, as splendid equipment is provided. A charge of \$1.50 a semester is asked for the upkeep of the laundries and use of irons. Napkins are provided and laundered at a cost of \$1.50 a semester. All residents of the halls are requested to have their names plainly marked on the tops of their trunks. Bedding should be sent by parcel post several days in advance, addressed to the owner in care of the hall to which she has been assigned. *Young women from out of town are required to live in the University residences or sorority houses unless expressly permitted by the Dean of Women to earn board and room in approved homes.*

MEN'S RESIDENCES.—Lindley and Ridenbaugh Halls accommodate 230 men, and 30 additional can be housed in smaller cottages. These buildings are all heated from the central heating plant. Dining rooms in Lindley and Ridenbaugh Halls accommodate 325 boarders. Applications for a room may be made to the Proctor of Men at any time. Students are expected to provide for themselves the following articles: three pairs of sheets for single bed; three pillow slips; a bed spread; a pillow; suitable bedding; towels; dresser scarfs; drinking glass; broom; dust mop; waste paper basket; and a small rug.

Parents living in towns near enough to permit their sons and daughters to make frequent home visits are asked to cooperate with the University in discouraging such visits. Many students who so absent themselves are found to be doing unsatisfactory work.

*FEES

To students coming to the University from points outside of the State of Idaho it is suggested that they bring their money in the form of money orders, certified bank drafts, or travelers' cheques, as in these forms they are easily negotiated without the long wait and inconvenience suffered by

*The University reserves the right to raise or lower fees at any time upon reasonable notice.

the student while personal checks are being sent through for collection by a local bank.

GENERAL DEPOSIT.—Each student is required, upon enrollment, to make a deposit of \$10 with the Bursar. Against this deposit will be charged any damage to University property for which the student is considered responsible. Such charges cover any breakage of laboratory equipment, damage or loss of library books, and shortage of military equipment. A fifty-cent deduction is made for examination blue books. Classes frequently vote to charge special assessments against the balance of this fund.

HEALTH FEE.—The University maintains an infirmary with a staff of experienced nurses. Each student pays a health fee of \$4 a semester, which entitles him to free clinical advice from the University physicians and to the privilege of the infirmary under certain restrictions.

LABORATORY FEE.—Persons enrolling in certain laboratory courses are required to pay a nominal sum for materials and equipment used.

A.S.U.I. FEE.—A fee of \$8.50 a semester is collected for the support of the various enterprises of the student body, known as the *Associated Students of the University of Idaho*. This entitles the student to a free copy of the semi-weekly student paper, the *Idaho Argonaut*, to admission to athletic contests, and to various other privileges. The A.S.U.I. also collects the class dues of fifty cents a semester. A.S.U.I. fees are fixed by the Constitution of the Associated Students.

EXTRA-CURRICULAR FEE.—An extra-curricular fee of \$5 a semester is charged to pay a part of the cost of providing and maintaining facilities for athletic, social, and other extra-curricular activities.

LATE FILING FEE.—A late filing fee of \$1 a day up to a maximum of \$10 will be charged those students in residence whose registration blanks are not filed between the dates specified in the pre-registration schedule for the second semester.

LATE REGISTRATION FEE.—Students whose registration is not completed on either of the two registration days in the first semester or before the specified date in the pre-registration procedure for the second semester, will be charged a late registration fee of \$3 for the first day; \$2 additional for the second day; and \$1 additional each day thereafter up to a maximum of \$10.

DIPLOMA FEES.—A diploma fee of \$5 is charged all applicants for a degree from the University.

REFUND OF FEES

GENERAL FEES.—Students who for any reason withdraw from the University during the first two weeks of a semester may receive a refund of five-sixths of the general University fees paid for that semester. This will include non-resident tuition, health, extra-curricular, laboratory, and library fees. Application for this refund must be made to the Bursar at the time of withdrawal, and under no circumstances later than Saturday of the second week of the semester.

HALL RENT.—To receive a refund of hall rent students must vacate their rooms on or before a specified date. For the 1935-36 University year this date will be September 22, 1935, for the first semester, and February 9, 1936, for the second semester. The check-out must be completed by midnight on these dates. If students occupy rooms longer than this time, hall rents are non-refundable.

MUSIC FEES.—Tuition fees for private instruction in applied music may, upon prompt application by the students withdrawing, be refunded according to the following schedule: during the first two weeks of a semester, five-sixths; during the third and fourth weeks, two-thirds; fifth and sixth weeks, one-half; seventh and eighth weeks, one-third; ninth and tenth weeks, one-sixth. Application for this refund should be made to the Director of the Curricula in Music, who will be responsible for the approval of the application.

A.S.U.I. FEES are fixed by the Constitution of the Associated Students. The following statement from Article X, Section 6 of the By-Laws covers refunds of these fees: "If a member discontinues his college work within two weeks after date of registration, his dues may be refunded, less twenty-five cents (25c) upon application to the Graduate Manager."

GENERAL DEPOSIT.—The unused balance of the general deposit is refundable, provided withdrawal is in accord with the requirements of paragraph 21, under "Regulations," Part II.

CLASS DUES.—These are not University fees but are collected for the separate classes. They are held non-refundable.

SCHOLARSHIPS AND PRIZES

THE ALPHA KAPPA PSI MEDALLION is awarded each fall to the Senior man in the School of Business Administration who has attained the highest scholastic record during his Sophomore and Junior years.

THE ALPHA ZETA CUP is awarded each fall to the Sophomore student in the College of Agriculture who attains the highest scholarship during his Freshman year.

BORAH DEBATE PRIZE.—In 1907 Senator William Edgar Borah established an annual debate prize of \$50, which is used in building up a special library unit known as the Borah Debate Library. In the books purchased each year are inscribed the names of the three intercollegiate debaters winning highest places for the year, together with the name of Senator Borah.

THE CRITES-MOSCOW SEED COMPANY FELLOWSHIP.—The Crites-Moscow Seed Company has established a research fellowship in the College of Agriculture, Department of Agronomy, for the purpose of conducting research in pea germination and vitality. The fellowship carries an annual stipend of \$600, and enables the candidate to secure his master's degree in one year. Candidates should have received their bachelor's degree from an agricultural college of recognized standing with a major in agronomy.

WILLIS L. CRITES FELLOWSHIP IN AGRICULTURAL ENGINEERING.—Willis L. Crites has established a research fellowship in the College of Agriculture and the College of Engineering, Department of Agricultural Engineering, for the purpose of conducting research in field and processing machinery required for the production of field peas. This fellowship carries an annual stipend of \$300 and enables the candidate to secure his master's degree in two years. The candidate should have received his bachelor's degree in Agricultural Engineering.

FELLOWSHIP FOR THE BIOLOGICAL CONTROL OF THE PEA APHID.—The Crites-Moscow Seed Company, the Moscow Idaho Seed Company, and the Mark Means Seed Company have established a research fellowship in the College of Agriculture, Department of Entomology, for the purpose of conducting research in the control of the pea aphid by means of lady beetles. The fellowship carries an annual stipend of \$450, and enables the candidate to secure his master's degree in one year. The candidate shall have received his bachelor's degree from an agricultural college of recognized standing with a major in entomology.

THE F. M. ROTHROCK SCHOLARSHIP FUND.—F M. Rothrock of Spokane, Washington, has established in the College of Agriculture a loan scholarship available to Juniors and Seniors in the College of Agriculture who are interested in animal husbandry. The scholarship fund will be awarded to the most deserving applicant as demonstrated by his college record. The scholarship loan fund is established by the proceeds from the sale of a purebred Shorthorn steer calf given by Mr. Rothrock each year for a definite time. This loan will run without interest until graduation and will bear interest at 6 per cent per annum from the time of the student's graduation until repaid into the Rothrock Scholarship Fund.

FORESTRY TABLET.—Names of the four Forestry students of highest scholarship each year in the four classes are engraved on a bronze tablet placed in the Administration Building by Epsilon chapter of Xi Sigma Pi.

THE JEROME J. DAY SCHOLARSHIP.—Jerome J. Day of Moscow has established in the School of Mines a loan scholarship to be awarded each year to Seniors in the School of Mines who are graduates of Idaho high schools and who, in the opinion of a committee of three, Mr. Day, the President of the University, and the Dean of the School of Mines, are the most deserving applicants, as demonstrated by their college records. These loans are to run without interest until graduation and to bear interest at 6 per cent per annum from the date of graduation until repaid into the Day Scholarship Fund.

THE PHI CHI THETA KEY is awarded each fall to the Senior woman in the School of Business Administration on the basis of excellence in scholarship, personality, and character during her Junior year.

THE PHILO SHERMAN BENNETT PRIZE of \$35 is awarded annually for an essay on a subject dealing with "The Principles of Free Government." The specific title is announced each year. The competition is limited to students in American Government.

RHODES SCHOLARSHIP.—By the request of the late Cecil Rhodes, 32 scholarships at Oxford University are appropriated each year to students in the United States. For making the 32 appointments, the States of the Union are grouped into eight districts of six states each. In each State the committee of selection nominates from the candidates applying to it the two best men to appear before the district committee. Each district committee then selects from the 12 candidates so nominated not more than four to represent their states as Rhodes scholars at Oxford. State and District committees meet in January. Idaho is grouped with Washington, Oregon, Montana, Wyoming, and North Dakota. Each candidate must obtain the endorsement of the head of his college or university. He then should apply, not later than the middle of November to the secretary of the committee of selection for his state. The secretary for Idaho is C. G. Bowden, Boise. Further information may be obtained from Prof. Eugene Taylor, Chairman of the University of Idaho Rhodes Scholarship Committee.

SCHOLARSHIP CUPS.—The Mary McClintock Upham Scholarship Cup (for women groups) and the Burton L. French Scholarship Cup (for men's groups) are awarded to the groups, the majority of whose members live in the same house or hall, which attain the highest average of scholarship of all such groups. The cups are awarded at the beginning of each college year on the basis of the average grades attained during the previous year. The cups are retained by the groups for one year, and then reawarded on the same basis as before. When any group has been awarded a cup three times, not necessarily consecutively, it comes into the permanent possession of that group.

THE SIGMA TAU SCHOLARSHIP MEDAL is given each year by the Idaho chapter of Sigma Tau, to the Sophomore who in the preceding year has made the highest grades as a Freshman in the College of Engineering or the School of Mines.

THE SONS OF THE AMERICAN REVOLUTION TROPHY, awarded for excellence in early American History, is a bust of Washington, designed by Bianchini. This is held for a year by the group house or hall whose representative presented the best thesis the previous year in the courses in American History. The students winning first, second, and third places, receive, in addition, silver and bronze medals from the society and have their names engraved on the pedestal of the bust.

UNION PACIFIC SCHOLARSHIPS.—The Union Pacific Railway System offers a series of scholarships to the members of boys' and girls' clubs in agriculture and home economics, and students enrolled in Smith-Hughes Agriculture in high schools, in counties traversed by Union Pacific lines. The winner in each county receives as a prize either \$100 to be applied toward a regular course in the College of Agriculture (or in Letters and Science in the case of a girl interested in Home Economics), or \$50 to be applied toward a winter short course.

HONORS.—In order to promote scholarship, the faculty adopted in 1907 a system of classified honors. Honors are of two kinds: (1) *Yearly Honors*, given at the close of each year and known as first-year honors, second-year honors, third-year honors, and fourth-year honors; and (2) *Final Honors*, based upon the work of the entire course. Final honors are given only to those who have performed the work of at least the Junior and Senior years in residence at the University of Idaho. They are divided into two groups, known as *Highest Honors* and *High Honors*, respectively. To attain the former, a student must maintain an average of 5.666;* to attain the latter, an average of 5.333.

The yearly honor lists are published in September and the final honor list is published at commencement. The arrangement of names within groups is alphabetical. For the list of final honors of the year 1933-34 see Part VII of the Catalog.

LOAN FUNDS

LOAN FUND OF STATE CLUB WOMEN.—In October, 1906, the Idaho State Federation of Women's Clubs established a scholarship fund for the University. Approximately \$10,000 is now available. This money is loaned to Junior and Senior Students, on note security, and is to be returned with interest at 6 per cent per annum from the time the borrower leaves college. The applicant must also be recommended by a State Federation Club and by his Dean. Students interested should apply to Mrs. James J. Gill, 706 Deakin Avenue, Moscow, or to Mrs. F. W. Gail, 623 Urquhart Avenue, Moscow.

AMERICAN BANKERS ASSOCIATION FOUNDATION LOAN FUND.—A loan of \$250 is available each year to a Junior or Senior student of banking and economics. Preference is given to former students in American Institute of Banking courses. The loan is without interest until the second January after graduation, when interest at the rate of 5 per cent commences. The loan is awarded by a committee comprised of two faculty members and one banker.

FUNDS OF CIVIC ORGANIZATIONS.—In 1921, the Rotary Club of Moscow voted an annual contribution of \$100 to establish a fund to be loaned to worthy students, under supervision of the President of the University. The Moscow Chamber of Commerce pledged \$100. The Chambers of Commerce of Coeur d'Alene and Kellogg contributed \$100 each to this fund, and the Wallace Chamber of Commerce, \$50. The Moscow Kiwanis Club is putting \$200 a year into its student loan fund.

FUNDS OF STUDENT ORGANIZATIONS.—Funds of civic organizations, above described, have been increased by the Associated Students to a sum of \$3,900, to which one per cent of proceeds of A.S.U.I. fees is added each semester. An additional \$675 of loan fund money has been accumulated from residues in treasuries of past classes and other student organizations.

*In figuring averages, each credit of grade "A" counts 6; each credit of grade "B" counts 5; "C" counts 4; "D" counts 3; and "F" (failure) counts one.

KNIGHTS TEMPLAR EDUCATIONAL FOUNDATION.—This foundation is part of a national institution under the direction of a general administrative committee. In Idaho to date approximately \$17,000 has been loaned to students. The annual income of \$2,000 or \$3,000 is available under the Idaho Grand Commandery for Idaho students in the senior year at the University. Loans of from \$50 to \$200 are granted on honor, with interest at the rate of 5 per cent beginning at graduation. For blanks and further information inquire of Homer David, Moscow, or William Wallin, Pocatello.

VERNON P. FAWCETT MEMORIAL FUND.—A \$1,000 loan fund was established in 1921 by Mrs. W. H. Fawcett of Spokane in memory of her son, Vernon P. Fawcett, '14, who was drowned at Seaside, Oregon, August 15, 1921, while attempting to save the life of a young woman companion.

SURGICAL LOAN FUND.—A surgical loan fund of \$300 was established in 1922 by Dr. E. R. Edson of Seattle, for the use of students who might need financial assistance in providing for surgical treatment. In 1930 the State Board of Education established a similar fund of \$500.

FACULTY WOMEN'S FUND.—The Faculty Women's Club has provided a fund of \$300 to be loaned in cases of need arising from illness.

STUDENT AFFAIRS

The Associated Students of the University of Idaho is an organization of the entire student body. It controls and directs student activities. These are under the control of a Graduate Manager, subject to the general supervision of the Executive Board of the Associated Students. In athletics, the University of Idaho is a member of the Pacific Coast Intercollegiate Athletic Conference. In debate and oratory the University is a member of the Pacific Coast Forensic League.

The Associated Women Students is an organization of all women students of the University, which seeks to regulate matters pertaining to the student life of its members which do not fall under the jurisdiction of the faculty, and to promote high standards of University Life. Other women's organizations include the *Women's Athletic Association*; the *Women's "I" Club*, *Mortar Board* (senior women's national honor society); *Cardinal Key* (junior and senior women's national service organization); the *Spurs* (sophomore women's national service organization); *Daleth Teth Gimel* (women who reside outside the University halls and sorority houses); and the *Idaho Dames* (wives of students registered in the University).

Men's organizations include the *"I" Club* (athletic lettermen); *Silver Lance* (senior men's local honorary); *Blue Key* (junior and senior men's national service fraternity); *Intercollegiate Knights* (underclassmen's national service organization); *Tau Mem Aleph* (men who reside outside the University halls or fraternities); *Bachelor's Club* (a local group); *The Independent Club* (a local group).

Other organizations include the *Cosmopolitan Club* (foreign students); the *Filipino Club* (students from the Philippines); the *Associated Students of Lindley Hall*, *Associated Students of Ridenbaugh Hall*, *Associated Students of Forney Hall* and *Associated Students of Hays Hall* (students residing in the respective halls); *House Managers' Club* (managers of group houses).

HONORARY, PROFESSIONAL, AND DEPARTMENTAL

Chapters of *Phi Beta Kappa* and *Sigma Xi*, the foremost college honorary societies, are found at the University of Idaho, *Sigma Xi* having been founded in 1922 and *Phi Beta Kappa* in 1926. At the beginning or end of the Senior year, students who show evidence of scholarly tendency and future promise are chosen from the honor list of candidates for the Bachelor of Arts and Bachelor of Science degrees in the College of Letters and Science for membership in *Phi Beta Kappa*. Members of *Sigma Xi* are chosen from among Senior students who have given promise of future achievement in the field of science, and from among graduate students and faculty members on the completion of research work of merit. *Alpha Lambda Delta*, is a Sophomore women's fraternity, organized as an incentive to freshman scholarship. Following is a list of other honorary, professional, and departmental organizations at the University of Idaho:

LETTERS AND SCIENCE.—*Phi Upsilon Omicron* (national home economics); *Sigma Delta Pi* (national honorary Spanish); *Alpha Tau Delta* (women's honorary national pre-nursing); *Delta Sigma Rho* (national honorary debating); *Sigma Alpha Iota* (women's national music); *Press Club* (men's journalism); *Theta Sigma* (women's journalism); *Idaho Chemistry Club* (chemistry majors); the *English Club* (fosters activities related to the work of the Department of English); the *Winged Helmet* (literary composition); the *Curtain* (acting, play-writing, or play production); *Home Economics Club* (affiliated with the American Home Economics Association and the State Federation of Women's Clubs); the *Pre-Medical Club* (pre-medical students); the *Attic Club* (art and architecture).

AGRICULTURE.—*Alpha Zeta* (national honorary agricultural); the *Agricultural Club* (students of agriculture.)

ENGINEERING.—*Sigma Tau* (national honorary engineering, with members also selected from the School of Mines); the *Associated Engineers of the University of Idaho* (includes student chapters of the American Institute of Electrical Engineers, the American Society of Mechanical Engineers, and the American Society of Civil Engineers).

LAW.—The *Bench and Bar Association* (law students); the *Pre-Legal Association* (students preparing to enter the College of Law); *Phi Alpha Delta* (national professional legal).

MINES.—*Sigma Gamma Epsilon* (national professional for geology, mining, and metallurgy); the *Associated Miners* (affiliated with the American Institute of Mining and Metallurgical Engineers).

FORESTRY.—*Xi Sigma Pi* (national honorary forestry); the *Associated Foresters* (students and faculty of the School of Forestry).

EDUCATION.—*Pi Lambda Theta* (women's national honorary); *Kappa Delta Pi* (men's national honorary).

BUSINESS.—*Alpha Kappa Psi* (men's national professional); *Phi Chi Theta* (women's honorary); *Associated Business Students* (students in business); *Advertising Club* (students interested in advertising).

MUSIC.—*University Symphony Orchestra*; *Treble Clef Club* (women's glee club); the *Idaho Vandaleers* (mixed chorus); *University Chorus*; *University String Quartet*; and the *Vandalettes* (women's double sextette). The *Cadet Military Band* is a part of the Reserve Officers' Training Corps. The *University Pep Band* is under the control of the Associated Students.

MILITARY.—*Scabbard and Blade* (national honorary military).

PHYSICAL EDUCATION.—*Sigma Delta* (men); *Hell Divers' Club* (national society sponsoring swimming, life-saving, and first aid; men and women); *Managers' Club* (student athletic managers).

FRATERNAL

FRATERNITIES.—Twelve national and one local fraternities have chapters at the University; *Kappa Sigma*, *Phi Delta Theta*, *Beta Theta Pi*, *Sigma Nu*, *Sigma Alpha Epsilon*, *Phi Gamma Delta*, *Sigma Chi*, *Delta Chi*, *Alpha Tau Omega*, *Lambda Chi Alpha*, *Tau Kappa Epsilon*, and *Delta Tau Delta*, all national, and *Chi Alpha Pi*, local. All are represented in the *Inter-Fraternity Council*, which unites them to serve the interests of the University and to promote among themselves a spirit of good feeling and cooperation.

SORORITIES.—Eight national sororities have chapters at the University: *Gamma Phi Beta*, *Delta Gamma*, *Kappa Kappa Gamma*, *Kappa Alpha Theta*, *Pi Beta Phi*, *Alphi Chi Omega*, *Alphi Phi*, and *Delta Delta Delta*. In the *Women's Pan-Hellenic Association* they are united to promote University and sorority interests and to prescribe rules under which invitations to sorority membership are extended.

RELIGIOUS ACTIVITIES

Religious activities among the students are promoted energetically by all of the Moscow churches, of which there are more than a dozen. Young peoples' societies and Sunday school classes of these churches are organized especially with a view to serving students' needs. Among the religious organizations of University people are the *Associated Students of the L. D. S. Institute*; *DeSmet Club* (Roman Catholic); *Episcopal Club*; *Kappa Phi* (Methodist girls); *Lutheran Student Association of America*; *Roger Williams Club* (Baptist); *Wesley Foundation* (Methodist Episcopal); *Westminster Guild* (Presbyterian girls); *Westminster Club* (Presbyterian). The *L. D. S. Institute* maintains a residence near the campus.

RELIGIOUS EDUCATION

The Moscow L. D. S. Institute was established in 1928 by the Church of Jesus Christ of Latter-Day Saints in the belief that its members attending the University of Idaho should have the benefit of religious training. It is under the supervision of a Director who serves as the religious teacher and adviser of students coming from L. D. S. homes.

The Idaho Institute of Christian Education was incorporated November 24, 1930, by a group of laymen and pastors of Evangelical Christian churches, for the purpose of making courses in Religion and Religious Education available to the students of the University of Idaho at Moscow. It is not part of the University but is under the management and direction of a board of trustees chosen by an association of laymen and pastors from the Baptist, Brethren, Christian, Congregational, Episcopal, Friends, Lutheran, Methodist, Nazarene, Presbyterian, and United Brethren churches.

Registration in courses offered by both institutes is open and without charge to any regularly matriculated students at the University. With the consent of his Dean, any student may elect a total of eight credits in Religious Education toward a degree. Additional information and circulars concerning courses or facilities may be obtained from the respective directors.

PART II
Admission Requirements and
Regulations

PART II

Discussion Requirements and
Regulations

Admission to the University

APPPLICANTS for admission to the University must be at least 16 years of age (18 for admission to the College of Law) and must present satisfactory evidence of good moral character.

Students are classified as graduates and undergraduates. Undergraduates are classified as regular students (Freshmen, Sophomores, Juniors, and Seniors) and special students.

CREDENTIALS.—Students applying for admission to the University are required to furnish credentials as follows:

- (a) An original transcript of high school credits signed by the principal.
- (b) Official transcripts and statements of honorable dismissal from each institution attended after high school graduation.
- (c) Personal data on the regular application-for-admission blank.

Blanks for furnishing personal data and high school records may be obtained on application to the Registrar. College and normal school records should be furnished on the transcript blank of the institution at which the work was taken. All credentials should be sent directly to the Registrar, University of Idaho, Moscow, Idaho, not through the student. *Prompt attention to these details will avoid delay in registration and the additional expense of telegraphing.*

PERMITS TO REGISTER.—Applicants for admission whose credentials have been accepted will be mailed permits to register for the following semester. Applicants will be saved much inconvenience and uncertainty if all their credentials are received by the Registrar in sufficient time for the settlement of any question through correspondence and the receiving of permits to register before the proposed date of admission. No permits will be mailed later than one week before the first day of registration for any session of the University, but applicants will be notified by collect telegram if credentials received after that time make them ineligible for admission.

ADMISSION AS REGULAR STUDENTS

ADMISSION BY CERTIFICATE.—Admission to the University by certificate is based upon credentials showing:

- (a) Graduation from an accredited four-year high school and presentation of 15 acceptable units (Plan I) or
- (b) Graduation from an accredited three-year senior high school and presentation of 12 acceptable units (Plan II).

A "unit" represents a high-school subject taught five times a week in periods of not less than 40 minutes' duration (laboratory 80), for a school year of at least 36 weeks. A Certificate of Secondary School Record

should be filled out and signed by the Superintendent, Principal, or other official of the school in which the work was done. It should show the length of each course in weeks, the number of recitations a week, the length of each recitation, and the grade of scholarship attained, including a record of all failures and conditions. All certificates accepted toward admission to the University become the property of the University, and are permanently filed among its records. They cannot be returned to the student, but certified copies will be issued if needed.

Academic units shall be defined as English (composition and literature), foreign language, mathematics, social science, and natural science.

Elective units may be taken from the academic subjects named as well as from vocational and other subjects commonly given in high schools, with the following exceptions:

- (a) Military drill, spelling, penmanship, reviews, project work unless in conjunction with regular courses, and work which primarily is of the nature of extra-curricular activities.
- (b) Less than one unit in foreign language, shorthand, typewriting, or bookkeeping.
- (c) Less than one-half unit in any subject.
- (d) More than one unit in physical education.

Requirements for admission to the University Junior College, the Senior Colleges, and the four-year divisions of the University are shown in the tables under Plan I and Plan II. High school graduates are admitted to full standing in the University Junior College if they present the prescribed number of academic units, a lesser number of which are specified. Those who plan later to enter one of the Senior Colleges, or those who may transfer to one of the four-year colleges, must have the units of credit specified under such college. For instance, a student entering the College of Letters and Science, College of Law, or School of Business Administration on completion of the Junior College curriculum must present two units of foreign language. These may be the unspecified academic units required for admission to the University Junior College. A student who expects to enter a curriculum in one of these sciences should be especially careful in choosing his high school courses in science and foreign language. For details of the requirements see the separate curricula in Part III of this catalog.

PLAN I

Graduation From An Accredited Four-Year High School and Presentation of Fifteen Acceptable Units

The specific requirements and apportionment of required and elective units for entrance to the various divisions of the University are shown below. For admission with deficiencies in group requirements see page 26.

	Junior College	Senior Colleges			Four-Year Colleges				
		Letters and Science	Law	Business	Agriculture	Engineering	Mines	Forestry	Education†
English.....	3	3	3	3	3	3	3	3	—
A Modern Language or Latin.....	—	2	2	2	—	—	—	—	—
Social Science.....	2	2	2	2	2	2	2	2	—
Mathematics Algebra.....	1	1	1	1	1	1	1	1	—
Plane Geometry.....	1	1	1	1	1	1	1	1	—
Advanced Algebra.....	—	—	—	—	—	$\frac{1}{2}$	$\frac{1}{2}$	—	—
Solid Geometry.....	—	—	—	—	—	$\frac{1}{2}$	$\frac{1}{2}$	—	—
Natural Science (unspecified).....	2	2*	2	2	2*	1	1	2*	—
Physics.....	—	—	—	—	—	1	1	—	—
Unspecified Academic Units.....	2	—	—	—	—	—	—	—	—
Total Academic Units.....	11	11	11	11	9	10	10	9	—
Additional Academic, Vocational or Elective Units.....	4	4	4	4	6	5	5	6	—
Total Units Required.....	15	15†	15†	15†	15	15	15	15	—

*It is highly desirable for students planning to enter the College of Agriculture, the School of Forestry, or the B.S., B.S.(H.Ec.), or B.S.(Pre-Med.) curriculum of the College of Letters and Science to offer one unit in physics.

†Two years of college work also are required.

‡The requirement for admission to the School of Education is graduation from a four-year high school fully accredited by the State Board of Education.

PLAN II

Graduation From Accredited Senior High Schools Organized on the 6-3-3 Plan

1. Full admission to all divisions of the University shall be based upon 12 units completed in Grades X, XI, and XII.
2. Of the 12 units accepted for admission not to exceed three units may be non-academic. The academic units shall consist of a major (three units) and two minors (two units each) or four minors.
3. (a) English shall be either a major or a minor.
(b) Mathematics shall be a minor except that for admission to the College of Engineering and School of Mines it shall be a major.
(c) At least one unit in *social science* and one unit in *natural science* must be included in the remaining academic units for admission to all divisions of the University. Students entering the College of Engineering or School of Mines must present physics as a *natural science*.
(d) A major or minor in foreign language shall be required for admission to the College of Letters and Science, College of Law, and School of Business Administration.
4. A major in foreign language may consist of a year of one language and two of another, but a minor must be a single language.
5. A unit of foreign language and a unit of mathematics may be accepted from work carried below Grade X toward a major or a minor although such course may not be counted as part of the nine required academic units.

The specific requirements for admission to the various divisions of the University are shown below. See a later paragraph for admission with deficiencies in group requirements.

	Junior College	Senior Colleges			Four-Year Colleges				
		Letters and Science	Law	Business	Agriculture	Engineering	Mines	Forestry	Education ^s
English.....	2	2	2	2	2	2	2	2	—
A Modern Language or Latin.....	—	2*	2*	2*	—	—	—	—	—
Social Science.....	1	1	1	1	1	1	1	1	—
Mathematics Algebra.....	1*	1*	1*	1*	1*	1*	1*	1*	—
Plane Geometry.....	1	1	1	1	1	1	1	1	—
Advanced Algebra.....	—	—	—	—	—	1/2	1/2	—	—
Solid Geometry.....	—	—	—	—	—	1/2	1/2	—	—
Natural Science (unspecified).....	1	1†	1	1	1†	—	—	1†	—
Physics.....	—	—	—	—	—	1	1	—	—
Unspecified Academic Units.....	4-3	1-3	1-3	1-3	3-4	2-3	2-3	3-4	—
Total Academic Units.....	9	9	9	9	9	9	9	9	—
Additional Academic, Vocational or Elective Units.....	3	3	3	3	3	3	3	3	—
Total Units Required.....	12	12‡	12‡	12‡	12	12	12	12	—

*One unit may be earned in junior high school, in which case, however, the unit shall not count toward the *nine* academic units required from the senior high school.

†It is highly desirable for students planning to enter the College of Agriculture, the School of Forestry, or the B.S., B.S.(H.Ec.), or B.S.(Pre-Med.) curriculum of the College of Letters and Science to offer one unit in physics.

‡Two years of college work also are required.

§The requirement for admission to the School of Education is graduation from a three-year senior high school fully accredited by the State Board of Education.

SCHOLARSHIP REQUIREMENTS.—Students who qualify for admission under Plan I or Plan II, but who rank in the lowest one-fourth of their graduating class or who fail to present recommending grades in at least two-thirds of the required units will be admitted only on probation. Unless otherwise restricted by the high school, recommending grades are those which are at least one "step" (letter or other symbol) above the lowest passing grade in a system using four passing grades, or, in a purely percentage system, grades which are in the upper three-fourths of the interval between the lowest passing grade and 100.

Students from accredited secondary schools who have completed the required number of acceptable units but have not graduated may be admitted upon special recommendation of the Principal, subject to the same grade regulations as graduates.

ADMISSION BY EXAMINATION.—Applicants for admission who have graduated from non-accredited high schools will be given a college ability test to determine their status in the University. All other applicants for admission to regular standing will be required to pass entrance examinations in fifteen units of acceptable work. Persons to whom either of these provisions may apply should write to the Registrar for detailed information and should send all available credentials regarding their previous work.

ADMISSION WITH DEFICIENCY IN GROUP REQUIREMENTS.—Students who qualify for admission to the University by certificate or by examination but who fail to meet specific group requirements as indicated in Plan I or Plan II may be admitted with deficiencies and take courses for which they are prepared. All entrance deficiencies must be removed before the beginning of the Sophomore year; otherwise the student will be debarred

from registering until the deficiencies are removed or the required courses are placed on his study list. Students admitted to the University Junior College who present fewer than the number of academic units required in the plan under which they enter will make up the deficiency with college courses but without college credit, except that college courses cannot be substituted for high school algebra and geometry. Similarly, deficiencies for admission to the four-year divisions are, in general, made up without college credit.

ADMISSION AS SPECIAL STUDENTS

Persons over 21 years of age, who are unable to meet the admission requirements for regular students and desire to take special studies, may be admitted as special students upon presentation of satisfactory evidence that they are fully qualified to enter upon the work. Save in exceptional cases, students will not be admitted directly from the secondary schools to the status of special students.

Graduates of accredited high schools are not admitted as special students, but are expected to qualify for regular undergraduate standing in accordance with the general rules.

A special student is not eligible for any degree. Before being admitted to candidacy such student must attain regular standing and be in residence carrying a regular schedule of work for at least two years thereafter. Registration in any semester is dependent upon the record thus far made in the University.

ADMISSION TO ADVANCED UNDERGRADUATE STANDING

Students who have completed work in other universities and educational institutions of fully accredited standing with a satisfactory scholarship record, and who present certified statements of their record and honorable dismissal from each of the institutions attended may be admitted to advanced standing. Credits presented from other than the above-mentioned educational institutions will be considered and evaluated in accordance with the information available and the regulations of the Committee on Admissions and Advanced Credits. In general, credit will be granted only to courses equivalent or similar to those given in the University or to those ordinarily given in a state-supported university or college. Credentials should include a Certificate of Secondary School Record giving full information regarding the applicant's high school record, as well as separate transcripts from each of the institutions attended. These should be sent to the Registrar at least one month before the student expects to enter the University. (*See Regulation No. 27a under Regulations, Part II*).

Students entering the University from other institutions must comply with the same regulations as to their former scholarship as are applied to students previously enrolled in this institution. (*See Regulations Nos. 27 and 29 and requirements for admission to the Senior Colleges.*)

FROM NORMAL SCHOOLS.—Students from approved normal schools who have completed a high school course fully covering the entrance requirements of the University, and who present a satisfactory scholarship

record, are admitted to advanced standing in the University. (*See Regulation No. 29 and requirements for admission to the Senior Colleges.*) Those who have graduated from two-year courses in approved normal schools in addition to high school graduation may be admitted to junior standing in the School of Education. Normal school graduates who enter other curricula are allowed credit for work done and are given a class standing according to the number of their credits which may be applied as required and elective credits in the curriculum chosen. Non-graduates of approved normal schools will be granted credit in such courses as appear equivalent to courses given in the University.

In order to qualify for a degree from any division of the University, a normal school graduate must satisfy the specific requirements of the curriculum in which he is registered.

FROM JUNIOR COLLEGES.—Students from fully accredited junior colleges who present a satisfactory scholarship record are admitted without examination and receive credit for all work which is the equivalent of similar courses offered by the University, but in no case shall the amount of credit granted exceed one-half of the number of credits required for graduation from the curriculum in which the student registers in the University of Idaho.

FROM THE SOUTHERN BRANCH OF THE UNIVERSITY OF IDAHO.—Credits earned at the Southern Branch of the University of Idaho at Pocatello are considered on the same basis as credits earned at the University of Idaho at Moscow. In order to qualify for a degree a student who transfers from the Southern Branch must, of course, satisfy the specific and general requirements for graduation from the curriculum which he enters in the Senior College or four-year college. (*See Regulation No. 27 under "Regulations" in Part II.*) Applicants for transfer must fill out a petition-for-transfer card and have it approved by the Executive Dean of the Southern Branch. As soon as this card is filed in the Registrar's office of the Southern Branch the student's complete credentials and record will be sent to the University of Idaho at Moscow.

FROM SECONDARY SCHOOLS.—Advanced credit will be given for courses completed in high schools or other institutions of high school grade in excess of a total of 16 acceptable units, only upon the following conditions: (a) The subject in which application for advanced credits is made must be approved by the committee on advanced credits. (b) An examination in this approved subject must be passed not later than one year after the applicant's admission to the University.

ADMISSION TO THE SENIOR COLLEGES

COLLEGE OF LETTERS AND SCIENCE AND SCHOOL OF BUSINESS ADMINISTRATION.—Admission to the College of Letters and Science or School of Business Administration will be granted to holders of the Junior certificate from the University Junior College or the Southern Branch of the University of Idaho, provided they have obtained an average grade of C (4.000) in all courses for which they have registered. Students who have

completed equivalent work in some other acceptable institution may be admitted provided three-fourths of their residence credits have been above grade D and their average grade has been C or above on a scheme of four passing grades.

A student must complete the prerequisites for the curriculum which he enters in the Senior College. All candidates for the degree of Bachelor of Arts or Bachelor of Science in the College of Letters and Science must complete at least one year of foreign language in the Junior College.

One who has completed 54 semester credits in addition to the requirements in Military Science and Physical Education may be provisionally enrolled in either of the above named senior colleges provided three-fourths of the residence credits which he offers are above grade D and his average has been grade C (4.000). During his first year in the Senior College he must make up the requirements for the certificate of graduation from the University Junior College.

COLLEGE OF LAW.—Admission to the College of Law will be granted to holders of the bachelor's degree and to applicants who have satisfied the entrance requirements listed in Part II of this catalog, and in addition have completed 64 credits in acceptable courses of college grade.* These credits would ordinarily be earned in the University Junior College. Three-fourths of the credits offered must be above grade D and the average must be 4.000 or above.

ADMISSION TO GRADUATE STANDING

A bachelor's degree from a college or university of acceptable standing is required for admission to graduate work. A certified transcript of undergraduate work is also required, and this should be sent to the Registrar of the University some time prior to registration days. For further regulations concerning Graduate work see the statement of the Graduate School in Part III of the catalog.

DEGREES GRANTED

FIRST DEGREES

The following baccalaureate degrees are conferred upon those who have completed successfully the prescribed courses of study and who have

*In defining pre-legal requirements, the Association of American Law Schools, of which the College of Law is a member, has adopted the following rule and its interpretation:

Rule 6, section 2:

"It (the school) shall require of all candidates for any degree at the time of the commencement of their law study the completion of one-half of the work acceptable for a Bachelor's degree granted on the basis of a four-year period of study by the state university. . . .

- (1) That the pre-legal work required by Article Six, section two shall be interpreted to mean work done in residence.
- (2) That in meeting the requirements of Article Six, section two a candidate shall present at least sixty semester hours. . . . exclusive of credit earned in non-theory courses in military science, hygiene, domestic arts, physical education, vocal or instrumental music, or other courses without intellectual content of substantial value."

complied with other requirements laid down by the University :

COLLEGE OF LETTERS AND SCIENCE :

Bachelor of Arts, B.A.
Bachelor of Science, B.S.
Bachelor of Science in Pre-Medical Studies, B.S.(Pre-Med.)
Bachelor of Science in Home Economics, B.S.(H.Ec.)
Bachelor of Science in Pre-Nursing Studies, B.S.(Pre-Nurs.)
Bachelor of Music, B.M.

COLLEGE OF AGRICULTURE :

Bachelor of Science in Agriculture, B.S.(Agr.)

COLLEGE OF ENGINEERING :

Bachelor of Science in Civil Engineering, B.S.(C.E.)
Bachelor of Science in Electrical Engineering, B.S.(E.E.)
Bachelor of Science in Mechanical Engineering, B.S.(M.E.)
Bachelor of Science in Chemical Engineering, B.S.(Chem.E.)
Bachelor of Science in Agricultural Engineering, B.S.(A.E.)

COLLEGE OF LAW :

Bachelor of Laws, LL.B.

SCHOOL OF MINES :

Bachelor of Science in Mining Engineering, B.S.(Min.E.)
Bachelor of Science in Metallurgical Engineering, B.S.(Met.E.)
Bachelor of Science in Geology, B.S.(Geol.)
Bachelor of Science in Geological Engineering, B.S.(Geol.E.)

SCHOOL OF FORESTRY :

Bachelor of Science in Forestry, B.S.(For.)

SCHOOL OF EDUCATION :

Bachelor of Science in Education, B.S.(Ed.)
Bachelor of Science in Music Education, B.S.(Mus.Ed.)

SCHOOL OF BUSINESS ADMINISTRATION :

Bachelor of Science in Business, B.S.(Bus.)

SOUTHERN BRANCH :

Bachelor of Science in Pharmacy, B.S.(Phar.)

ADVANCED DEGREES

The following advanced degrees are offered by the Graduate School of the University :

Master of Arts, M.A.
Master of Science, M.S.
Master of Science in Home Economics, M.S.(H.Ec.)
Master of Music, M.M.
Master of Science in Agriculture, M.S.(Agr.)
Master of Science in Civil Engineering, M.S.(C.E.)
Master of Science in Electrical Engineering, M.S.(E.E.)
Master of Science in Mechanical Engineering, M.S.(M.E.)
Master of Science in Chemical Engineering, M.S.(Chem.E.)
Master of Science in Agricultural Engineering, M.S.(A.E.)

Master of Science in Metallurgical Engineering, M.S.(Met.E.)
 Master of Science in Mining Engineering, M.S.(Min.E.)
 Master of Science in Geology, M.S.(Geol.)
 Master of Science in Geological Engineering, M.S.(Geol.E.)
 Master of Science in Forestry, M.S.(For.)
 Master of Science in Education, M.S.(Ed.)
 Master of Science in Music Education, M.S.(Mus.Ed.)
 Master of Science in Business, M.S.(Bus.)

PROFESSIONAL DEGREES

The following professional degrees are offered in engineering and mining:

Civil Engineer, C.E.
 Mechanical Engineer, M.E.
 Electrical Engineer, E.E.
 Chemical Engineer, Chem.E.
 Agricultural Engineer, A.E.
 Engineer of Mines, E.M.
 Metallurgical Engineer, Met.E.
 Geological Engineer, Geol.E.

For conditions of candidacy for an advanced degree, see the Graduate School, in Part III.

REGULATIONS

NOTE.—Students are held individually responsible for the information contained in these pages. Failure to read and understand these regulations will not exempt a student from whatever penalties he may incur.

A. REGISTRATION

1. **FRESHMAN DAYS.**—Two days (Sept. 16, 17, 1935) immediately preceding registration for the fall semester are set aside as Freshman Days. All students entering the University for the first time, including those who have attended Summer Sessions only, are required to report on these days to take the Uniform English Test and other tests required of all students, and to avail themselves of the orientation lectures and conferences with deans and directors.

2. **TESTS.**—(a) *Uniform English Test.*—Students who enter the University of Idaho direct from the high schools and those who enter with advanced standing which does not include Eng. 1 or its equivalent, are required to take the Uniform English Test. However, the test is available to all students. Students who fail to pass the test will be required, in addition to regular Eng. 1, to do other work prescribed by the Department of English until their deficiency has been removed.

(b) *Psychological Test.*—All new students are required to take the psychological test except those entering with advanced standing.

These tests are administered during the days immediately preceding registration.

3. **REGISTRATION.**—Registration for the first semester of 1935-36 will be held on September 17-18, upon which days all students are required to pay their fees and complete their registration. Students whose registration is not completed on either of the two registration days will be charged a late registration fee of \$3 for the first day; \$2 additional for the second day; and \$1 additional each day thereafter up to a maximum of \$10.

A system of pre-registration will be enforced for the second semester and students in residence the first semester will be required to confer with their registering officer and file their registration blanks in the Registrar's office between January 6 and January 23. A late filing fee of \$1 a day up to a maximum of \$10 will be charged those students whose blanks are not filed between the dates mentioned. Likewise, the usual late registration fee will be charged those students whose fees are not paid before January 31. Second semester fees may be paid by mail or in person. New students and old students returning will register on January 31 and the morning of February 1.

4. **CREDIT.**—No student will receive credit for work which is not included on his registration card which has been approved by his Dean. No person may regularly attend any course in which he is not registered.

5. **NUMBER OF CREDITS.**—No student may be registered for more or less than the regular schedule of credits in his curriculum without special permission of his Dean. The total number of credits for which a student may be registered shall not in any semester exceed 20.

6. **MATRICULATION LECTURES.**—All Freshman students are required to attend a series of Freshman lectures scheduled throughout the fall semester, also to attend such other lecture courses as may be especially scheduled for Freshman students in the curriculum in which they are registered.

7. **CHANGE OF CURRICULUM.**—A student may not change his curriculum except by written permission of the Deans concerned. On transferring from one school or college of the University to another, a student shall be enrolled at least one year and complete two full semesters' work in residence before qualifying for a degree from the latter division. The dates upon which students may change their curricula are limited to the first two weeks of either semester.

8. **CHANGE IN STUDY LIST.**—When a student's study list has been filed, he may not change it except by the written permission of the Dean of his division. After two weeks in either semester no changes will be permitted except for extraordinary reasons accepted by the Academic Council. Any course dropped without the written permission of the Dean concerned will be recorded with the grade of F for the semester.

9. **HABITUAL BAD ENGLISH.**—Any student who habitually uses bad English shall be reported by his instructor to his Dean with all available evidence. If the Dean considers this evidence sufficient, he will require the student to take without credit such further work in composition as may be deemed advisable in conference with the head of the Department of English.

10. AUDITORS.—Students in the University may be admitted as auditors with the approval of the instructor and of their dean. Attendance as an auditor does not entitle one to credit or to admission to examinations in the course. Students registered only as auditors are excused from attendance on Freshman Days, from the Uniform English Test, the Psychological Test, and from the late registration fee.

11. NON-RESIDENT INSTRUCTION.—Non-Resident Instruction work as authorized by the University of Idaho consists of two types: (1) correspondence study—individual or group, and (2) group study in non-resident classes personally conducted by members of the University faculty. Non-resident credit is given for both types of work unless otherwise authorized by the Academic Council. Students may enroll for non-resident work at any time except when they are in residence at the University. Resident students are not permitted to carry non-resident work. Courses not completed before students register or re-register in the University are automatically dropped at date of such registration. Non-resident students failing to complete courses for which they have registered will be dropped at the end of 12 months from the date of their registration.

12. COURSES IN ABSENTIA.—Courses in absentia are those taken by matriculated students while enrolled for residence work in the University, who, for schedule or other valid reasons, are unable to attend regular classes in certain courses and who do the work by appointment with a resident instructor. Permission for taking courses in absentia must be obtained from the instructor and the Academic Council in advance of beginning the work.

B. CREDIT

13. "CREDIT" is a quantitative term applied to work at the University and is determined by the number of recitation hours which a course meets each week during a semester. Thus, a course meeting three times a week for one semester is called a three-credit course. Three hours' work in laboratory, shop, or field is counted as the equivalent of one recitation-hour. The latter pre-supposes two hours of outside preparation.

14. CREDIT FOR LESS THAN ONE YEAR'S WORK.—Certain subjects are continuous courses covering at least one year's work, and in these no credit is allowed toward graduation until the second semester's work is completed. Such courses are indicated by the letter "n," i. e. Fr. 1n.

15. NO CREDIT FOR REPEATED SUBJECTS.—No college credit will be given for subjects taken in high school and repeated in college unless those courses are in excess of 16 acceptable units offered for admission.

16. CREDIT FOR NON-RESIDENT OR CORRESPONDENCE WORK will be accepted as counting toward a degree, subject to the completion of one year's work in residence in the University and subject to the further limitation that the maximum amount of such work shall under no condition exceed 32 credits.

C. MAJOR STUDY

17. MAJOR STUDY.—A major consists of from 16 to 20 credits of advanced work in one department, (i.e. work in courses numbered above 100 except when specifically noted in the departmental statements.)

D. GRADES, EXAMINATIONS, AND GRADUATION

18. GRADES are reported as A, excellent (90-100); B, good (80-89); C, average, (70-79); D, barely passing (60-69); F, failure (below 60); Inc., incomplete, work of passing grade but, for adequate reason, not quite completed; and W, withdrawal by permission while doing passing work. In the case of graduate students registered in courses numbered above 200, a grade of P (passed) may be reported in place of A or B only. Mid-semester grades as well as semester grades are filed in the Registrar's office.

19. "INCOMPLETE" denotes lack of quantity rather than lack of quality. It is given when the student, although doing satisfactory work, has for adequate reasons been unable to complete the course within the specified time. In case of withdrawal, the grade of "incomplete" is not given unless withdrawal occurs within the last three weeks of the semester. An incomplete not removed within three weeks after the student's return to the University automatically becomes a "failure." A permit for extension of time may, under exceptional circumstances, be granted by the Dean and the instructor concerned. Such permit, to be effective, must be filed in the Registrar's office prior to the above date.

20. "FAILURE" denotes that the work of a student in a given subject is of such poor quality that credit may be obtained only by repeating the course.

21. "WITHDRAWAL."—A student who desires to withdraw from the University must apply to his Dean for an indefinite leave of absence. Failure to file such a leave of absence in the Registrar's office within 10 days after withdrawal will result in the forfeiture of any balance of his general deposit which may remain in the office of the Bursar. A student who withdraws for any reason receives a semester grade of F in all courses in which he is deficient.

22. GRADES TO PARENTS AND HIGH SCHOOLS.—The grades of all Freshman and Sophomore students at the close of each semester are forwarded to parents or guardians and to the high school which the students last attended.

23. "PROBATION" is the status of a student who, because of failure to receive a passing grade in at least 12 credits, or for other appropriate reasons, is for a specified period deprived of certain privileges and is subject to dismissal from the University. Students dropped for unsatisfactory scholarship will be placed on probation should they subsequently register in the University. A student on probation is disqualified from representing the University in any extra-curricular activity, except that students on probation due to high school grades are not disqualified from participation

in extra-curricular activities during the first nine weeks of their first semester.

In order to remain in the University a student placed on probation must at the end of the probation period be doing passing work either in 11 credits or in all but one subject; except that Freshmen and special students in their first semester in college may be allowed to remain if they have passed in nine credits or in all but one subject.

24. **ABSENCE FROM FINAL EXAMINATIONS.**—A student who absents himself from a regular semester examination without valid excuse receives an F. If the excuse is valid, and the work of the semester satisfactory, the student receives an Incomplete.

25. **SPECIAL EXAMINATIONS.**—Any irregular examination shall be considered a special examination and shall entail the payment of a special examination fee of \$1.

26. **AVERAGE GRADE REQUIRED FOR JUNIOR CERTIFICATE.**—A student, in order to receive a certificate from the University Junior College, must present grades of C or above in three-fourths of the credits required for the certificate and received in residence.

27. **GENERAL REQUIREMENTS FOR GRADUATION.**—In addition to the general and specific requirements of his curriculum, a candidate for a baccalaureate degree must have met the following general University requirements:

(a) *Residence Requirement.* A student in order to be eligible for the bachelor's degree must do at least one year's work in residence in the division from which he expects to graduate. (*See Regulation No. 7*). If the student's term of residence in the University is only one year, it must be the Senior year. A year's work is interpreted as one-fourth of the total requirements for the degree sought, except that in the College of Law, 24 semester hours are required.

(b) *Grade Requirements.* A student, in order to be eligible for graduation, must have grades of C or above in three-fourths of the credits required in his curriculum and received in residence.

(c) *Upper Division Requirement.* In order to be eligible for a degree, students in the B.A., B.S., and B.S.(Ed.) curricula must present a minimum of 36 semester credits of work in courses numbered above 100.

(d) *Credits Earned in Senior College or Upper Division.* (Applicable to students who entered as Freshmen in 1929 and later.) In order to qualify for a degree, a student who has done his Freshman and Sophomore work in a junior college, or other institution whose curricula are essentially for students in their first two college years, must present at least 54 semester credits earned in the senior college or the upper division of a degree-granting institution.

(e) *Application for Baccalaureate Degree.* Any student who expects to receive a baccalaureate degree must, at the beginning of his last semester or Summer Session in residence, file a petition to be admitted as a

candidate and must pay the diploma fee of \$5. No application for a degree at a given commencement will be accepted after February 15 preceding.

E. RATING AND ELIGIBILITY

28. CLASS RATING.—A student in order to be rated as a Freshman must have met the entrance requirements for regular students (*See Entrance Requirements in Part II*). To be rated with an advanced class a student may not be more than six credits behind the curriculum requirement for entering that class in a given semester. Thus, for example, a student in the University Junior College who has 26 credits at the beginning of the first semester may be ranked a Sophomore, whereas at the beginning of the second semester he must have 42 credits to be so ranked.

29. ELIGIBILITY TO REGISTER.—A student, at the end of any semester, must have received a passing grade in 11 credits or a passing grade in all but one subject of registered residence work in order to be eligible for registration the following semester; except that Freshmen and special students in their first semester in college may be allowed to register the following semester if they have passed in nine credits or in all but one subject, and that students in the College of Law who have passed in two-thirds of their work are eligible to continue.

A student dropped from the rolls of the University for the second time is no longer eligible for re-instatement.

Students admitted to the University of Idaho from other educational institutions must have complied with these scholarship regulations in addition to those of the institution or institutions which they have attended. If the past record of a student, regardless of the rules of the institution which he attended, has been such that the above rule would have operated, such operation will be taken into account in determining his eligibility for admission to the University of Idaho.

30. ELIGIBILITY.—No student may represent this institution in any athletic contest, debate, play or other extra curricular activity, neither may he be a candidate in any final election for A.S.U.I. office, if five days before such event, he is on probation,* or has not a passing grade in at least 11 credits of current work applicable toward a degree, or has not passed in two-thirds of the normal work of the curriculum in which he was enrolled for his previous semester in residence in this or any other institution. Should any student during his term of office become ineligible under the above rule, he must immediately resign from office, and discontinue his official duties for the remainder of his term. The eligibility of all candidates for extra-curricular activities must be certified by the Registrar's office before participation.

F. ABSENCES

31. ABSENCES DUE TO ACTIVITIES.—No student may be absent from the campus in connection with extra-curricular activities more than 16 working days a semester. No one extra-curricular activity (basketball, glee club,

*Students on probation due to high school grades are not disqualified from participation in extra-curricular activities during the first nine weeks of their first semester.

debate, etc.) may take students away from the campus more than 12 instructional days.

32. ABSENCES BEFORE AND AFTER VACATIONS.—Students who absent themselves from class immediately before or after vacation (exclusive of single holidays) shall have their final grade reduced 10 points in each course in which absence was incurred. Absence before and after vacations dates from the last class the student attended prior to the vacation, to the first class attended after vacation.

33. CONCERTED ABSENCES.—Students who participate in any unauthorized, concerted action to absent themselves from class shall have their final grade reduced 10 points in each course affected by such absence.

34. GENERAL ATTENDANCE.—Students are responsible for their attendance in the courses in which they are enrolled. Excessive absences are, however, reported through the Registrar's office to the Dean of the College in which the student is registered.

G. MISCELLANEOUS

35. SOCIAL ORGANIZATIONS.—Student organizations, including fraternities, sororities, and clubs, are under the supervision of the Faculty Committee on Student Organizations. In order to receive permission to form such an organization or to petition for a charter from a national organization, it is necessary to petition this committee.

36. STUDENT EVENTS.—In order to receive permission for any student event it is necessary to petition the Faculty Committee on Calendar.

37. AUDITING OF ACCOUNTS.—All funds for public purposes within the University (except those of fraternities, sororities, and boarding house organizations) which are contributed to or collected by any student or member of the faculty shall be deposited with the University Bursar, subject to withdrawal upon the written approval of the President, or of the Bursar in the President's absence; and an accounting of all receipts and expenditures in these funds shall be made by those responsible for their collection immediately after they shall have been disbursed, this accounting to be audited by the Bursar.

38. CONDUCT.—Students are held responsible for any breach of the recognized rules of conduct.

39. SMOKING.—Smoking is forbidden in University buildings.

THE HISTORY OF THE UNITED STATES

The first of these is the fact that the United States is a young nation, and that its history is a history of growth and expansion. The second is the fact that the United States is a nation of immigrants, and that its history is a history of the struggle for the rights of these immigrants. The third is the fact that the United States is a nation of free men, and that its history is a history of the struggle for the rights of these free men.

CHAPTER I

The first of these is the fact that the United States is a young nation, and that its history is a history of growth and expansion. The second is the fact that the United States is a nation of immigrants, and that its history is a history of the struggle for the rights of these immigrants. The third is the fact that the United States is a nation of free men, and that its history is a history of the struggle for the rights of these free men.

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PART III

The University's Schools and Colleges
With Their Curricula

PART III
The University Schools and Colleges
With Their Curricula

College of Letters and Science

JOHN ANTON KOSTALEK, PH.D.....*Dean of the College and
Director of the Pre-Medical and Pre-Nursing Curricula*
WILLIAM CARR BANKS, M.A.*Secretary of the College Faculty*
GEORGE MOREY MILLER, PH.D.....*Chairman of the Curriculum Committee*
FLOYD WHITNEY GAIL, PH.D.....*Chairman of the Scholarship Committee*
KATHERINE JENSEN, M.S.....*Director of the Home Economics Curricula*
CARLETON CUMMINGS, MUS.M.....*Director of the Music Curricula*

THE College of Letters and Science is a Senior College; that is its work embraces the Junior and Senior years of the four-year college period.

The plan of major and minor studies, which obtained until 1929, has been supplanted by a scheme of curricula, each of which centers in one major subject. These curricula have been so prepared that students interested in a particular subject may concentrate their attention upon it and upon such closely correlated matter as has distinct bearing upon the major subject.

ADMISSION

The statement of the admission requirements to the various Senior Colleges will be found in Part II.

DEGREES AND CURRICULA

Curricula are offered leading to the degrees of Bachelor of Arts, B.A.; Bachelor of Science, B.S.; Bachelor of Science in Home Economics, B.S. (H.Ec.); Bachelor of Science in Pre-Medical Studies, B.S.(Pre-Med.); Bachelor of Music B.M.; and Bachelor of Science in Pre-Nursing Studies, B.S.(Pre-Nurs.).

GENERAL DEGREE REQUIREMENTS.—All candidates for the degree of Bachelor of Arts must complete, either in the Senior College or in the work prerequisite thereto* two years in a foreign language above the two high school units required for admission; and 18 credits in social studies to include six credits in Philosophy.

Candidates for the degree of Bachelor of Science must complete Intermediate or Scientific French or German according to the requirements of their curriculum,* and 12 credits in Social Studies.

The requirements in social studies may be fulfilled by the completion of courses in American History, Classical Civilization, Contemporary Civilization, Economics, European History, Philosophy, Political Science, and Sociology.

SPECIFIC DEGREE REQUIREMENTS.—Candidates for any of the degrees must complete the work of one of the curricula, leading to the appropriate degree, listed later. Each curriculum requires from 20 to 30 semester credits in the major subject besides others in specified closely related

*See page 29 for the language required for admission to the Senior College.

courses. In addition to the credits in these required courses the candidate must take elective credits sufficient to complete a total of 64 credits. Wherever there are options, either with respect to the courses to be completed in the major subject, or in the selection of correlated material, student election must have the approval of the department adviser.

It is assumed that all the work of the various curricula, should, for most satisfactory results, be done under the conditions prevailing in the Senior College. Accordingly, in order to qualify for a degree, a student who has done his Freshman and Sophomore work in a Junior College, or other institution whose curricula are essentially for students in their first two college years, must present at least 54 semester-credits earned in Senior College or the upper division of a degree-granting institution.

In the College of Letters and Science at least 54 credits in courses numbered above 50, taken after admission to junior standing, must be presented for graduation, except that credits in organized and applied music and elementary foreign language, if it is the second foreign language taken in college, may be counted as satisfying this requirement.

Many of the curricula offer options for students who plan to enter the teaching profession. Students who plan to teach in high schools of Idaho, or of practically any State, must satisfy a requirement of 15 credits in Education. These requirements are necessary to secure a State certificate; and in Idaho, the course known as Education 55, Idaho Law, Manual, and Civics, must be included.

Each curriculum statement includes one or more of the following sections: (1) **PREREQUISITES.** These are subject courses which must be completed previous to admission to the Senior College. If it is impossible to complete all the prerequisites for a curriculum in any natural science, viz. Bacteriology, Botany, Chemistry, Geology, Physics, Psychology, or Zoology, in addition to the 12 credits in the Social Studies regularly required in the Junior College, these latter may be postponed to the Senior College. (2) **RECOMMENDED PREPARATION.** Matter listed under this heading is such as may be considered desirable to cover in Junior Colleges or elsewhere, with the view of a better preparation for the work of the Senior College. It is not absolutely required. (3) **REQUIRED.** All matter listed under this heading must be completed to satisfy the course requirements for the curriculum and constitutes the major work of the Senior College. (4) **SUGGESTED ELECTIVES.** Under this head are listed courses which are desirable for broadening the work of the Senior College or for preparing for specific vocational applications.

COMPREHENSIVE EXAMINATIONS.—The College of Letters and Science has approved in principle comprehensive final examinations. *For the department giving such examinations, see the following Outlines of Curricula.*

OUTLINES OF CURRICULA

The following are the requirements of the curricula offered in the Senior College of Letters and Science:

AMERICAN HISTORY

(For the general requirements of the degree of Bachelor of Arts see page 41.)

PREREQUISITES

Course	Credits
Hist. 21-22. History of the Americas 6	
or	
Hist. 1-2. History of Civilization . 6	
or	
Hist. 13-14. Classical Civilization ... 6	

REQUIRED

Twenty hours of advanced work from the following courses, including Hist. 123 and 124, and at least six credits in European History.

Course	Credits
Hist. 105-106. Recent Times	6
Hist. 107-108. English History	6
Hist. 115. Beginnings of American Diplomacy	3
Hist. 116. American Diplomacy Since Civil War	3
Hist. 61. Growth of the United States, 1789-1865 ...	3
Hist. 62. America, a World Power, 1865-1936 ...	3
Hist. 123. The Pacific Northwest	2
Hist. 124. Idaho and Inland Empire	2
Hist. 127. American Frontier ..	3
Hist. 128. Teachers' Course in American History ..	2

ARCHITECTURE

(For the general requirements of the degree of Bachelor of Science see page 41.)

PREREQUISITES

Course	Credits
Hist. 13-14. Classical Civilization.. 6	
Art 1-2. Freehand Drawing .. 4	
Phys. 3. General Physics 4	
Arch. 11-12. Elementary Architectural Design 4	
Arch. 13. Shades and Shadows . 1	
Arch. 14. Architectural Perspective	1
Math. 1-2. Freshman Mathematics 8	
Math. 51-52. Calculus	8
Art 101-102. Water Color Painting 4	
Arch. 113-114. Intermediate Architectural Design	6
Arch. 115-116. Architectural Design. 8	

REQUIRED

Course	Credits
Arch. 131-132. Architectural History. 6	
Arch. 133-134. Building Construction 6	
Arch. 136. Mechanical Plants of Buildings	3
C.E. 6. Mechanics (Statics) ..	2
C.E. 103. Mechanics of Materials 3	
C.E. 102. Framed Structures (Pre. 103)	3
C.E. 106. Re-enforced Concrete Theory	2
C.E. 135. Estimates and Costs ..	2
M.E. 144. Heating and Ventilation 2	
Bus. 165-166. Business Law	6
SUGGESTED ELECTIVES	
Eng. 155. Technical Writing	3
C.E. 124. Contracts and Specifications 2	

ART

(For the general requirements of the degree of Bachelor of Arts see page 41.)

PREREQUISITES

Course	Credits
Art 1-2. Freehand Drawing ... 4	
or	
Art 5-6. Life Drawing	4
and	
Art 3-4. Principles of Design .. 4	
Art 51-52. Art Appreciation	4
REQUIRED	
Art 101-102. Water Color Painting 4-6	
Art 105-106. Intermediate Freehand Drawing	6
Art 123. Composition and Illustration	3

Course	Credits
Art 129-130. History of Painting .. 4	
Course in English Literature numbered above 100	4 or 6
History of French, German, or Spanish Civilization (exact course will depend on foreign language elected) 4	
Select two from following four:	
Art 103-104. Applied Design	4
Art 107-108. Oil Painting	6
Art 127-128. Advanced Freehand Drawing	6
Art 141-142. Advanced Oil Painting. 6	

BACTERIOLOGY

(For the general requirements of the degree of Bachelor of Science see page 41.)

PREREQUISITES

Course	Credits
Chem. 1-2. General Chemistry	8
Chem. 51. Qualitative and Gravimetric Analysis	4

RECOMMENDED PREPARATIONS

<i>A. For students contemplating graduate work in Bacteriology</i>	
Math. 1-2. Freshman Mathematics ..	8
Bot. 1 or Zool. 1	4
<i>B. For prospective laboratory technicians</i>	
Zool. 1-2. General Zoology	8
Zool. 4. Comparative Anatomy ...	4
Zool. 6. Physiology	3

Course	Credits
<i>C. For prospective government Civil Service employees</i>	
Bot. 1-2. General Botany	8
Bact. 54. Public Health	3
Zool. 1-2. General Zoology	8
Zool. 4. Comparative Anatomy	4
Zool. 6. Physiology	3
REQUIRED	
Bact. 51. General Bacteriology ...	4
Bact. 104. Pathogenic Bacteria	4
Bact. 106. Dairy Bacteriology	3
Bact. 108. Bacteriological Technique. 3	
Bact. 109. Immunology	3
Bact. 110. Serology	3
Chem. 52. Quantitative Analysis ...	4

Course	Credits	Course	Credits
Chem. 101-102. Organic Chemistry . . . 8		Technique, or Bot.	
Chem. 111-112. Biochemistry 6		111 Mycology and P.P.	
<i>A. For students contemplating graduate work in Bacteriology</i>		101 General Plant	
Math. 51-52. Calculus 8		Pathology 7-8	
<i>B. For prospective laboratory technicians</i>		Bacteriology from elective list below. 10	
Zool. 109. Vertebrate Histology. 4			
<i>C. For prospective government Civil Service employees</i>			
Zool. 109. Vertebrate Histology and Organology and Zool. 110. Histological			

SUGGESTED ELECTIVES

(Ten credits required for government civil service.)

Bact. 107. Food Bacteriology . . . 4	
Bact. 111-112. Pro-Seminar 1-4	
Bact. 113. Public Health Methods 2-4	
Bact. 115-116. Special Problems . . . 1-2	

BOTANY

(For the general requirements of the degree of Bachelor of Science see page 41.)

PREREQUISITES

Course	Credits
Bot. 1-2. General Botany 8	
Bot. 53-54. Systematic Botany . . . 6	
Chem. 1-2. General Chemistry . . . 8	
Chem. 51-52. Qualitative and Quantitative Analysis* 8	
REQUIRED	
Bot. 101-102. Plant Physiology 8	
Bot. 121. Morphology of Thallophytes and Bryophytes 4	

Course	Credits
Bot. 122. Morphology of Pteridophytes and Spermatophytes . . 4	
Bot. 104. Plant Anatomy 4 or Bot. 105. Plant Ecology . . 3	

For prospective teachers

Fifteen credits in Education including Bot. 109. Teaching of Botany, and work in some other field of study as a minor teaching subject.

CHEMISTRY

(For the general requirements of the degree of Bachelor of Science see page 41.)

PREREQUISITES

Course	Credits
Chem. 1-2. General Chemistry . . . 8	
Chem. 51-52. Qualitative and Quantitative Analysis 8	
Math. 1-2. Freshman Mathematics. 8	
Math. 51-52. Calculus 8	
Phys. 11-12. Engineering Physics . . 10	
C.E. 1. Engineering Drawing . . . 3	
Ger. 1n-2. Elementary German . . . 8	
REQUIRED	
Ger. 15-16. Scientific German 6	

Course	Credits
Chem. 101-102. Organic Chemistry . . 8	
Chem. 103. Advanced Quantitative Analysis 2	
Chem. 104. Special Quantitative Analysis 2	
Chem. 105-106. Physical Chemistry . . 6	
Chem. 109-110. Thesis 2	
Math. 101. Engineering Mathematics 3	
Phys. 152. Advanced Heat 3	
Phys. 121-122. Analytical Mechanics 6	

DRAMATICS AND PUBLIC SPEAKING

(For the general requirements of the degree of Bachelor of Arts see page 41.)

PREREQUISITES

Course	Credits
Eng. 17-18. Intro. to Literature. . . 6	
<i>A. With minor work in Speech</i>	
Eng. 31-32. Fundamentals of Speech 4	
<i>Choice of one</i>	
a. Eng. 35. Extemporaneous Speaking 2	
b. Eng. 36. Parliamentary Law and Procedure 2	
c. Eng. 37. Intercollegiate Debate. 1	
<i>B. With major work in Dramatics</i>	
Eng. 33-34. Reading and Interpretation 4	
Eng. 71-72. Fundamentals of Play Production 6	

REQUIRED

<i>A. With minor work in Speech</i>	
Eng. 141-142. Shakespeare 6	
Eng. 161. Voice Production 2	
Eng. 162. Speech Composition . . . 2	
Eng. 163-164. Advanced Speaking . . 4	
Eng. 165-166. Argumentation and Debate 4	
Eng. 167-168. Advanced Interpretation 4-8	

Course	Credits
<i>B. With major work in Dramatics</i>	
Eng. 123-124. Contemporary Drama . . 4	
Eng. 171-172. Advanced Play Production 6	
Eng. 174. History of the Theatre 2	
Eng. 61-62. Elementary Literary Composition 4	
or	
Eng. 167-168. Advanced Interpretation 4	
or	
A period course in Literature 4	
<i>Option I. Fifteen or more credits from either A, B, or C:</i>	
A. Philosophy, History, or Sociology courses numbered above 100.	
B. Advanced work above degree requirements in Foreign Language and Literature.	
C. Advanced courses in English.	
<i>Option II. For prospective teachers:</i>	
Fifteen credits in Education, including special methods in teaching of Dramatics, Public Speaking, Composition, and Literature; and work in some other field of study as a minor teaching subject.	

*With consent of the Head of the Department Physics 3-4 or 11-12 may be substituted for this requirement.

ECONOMICS

(For the general requirements of the degree of Bachelor of Arts see page 41.)

PREREQUISITES		Course		Credits	
Course		Choice of 9 credits from:			
Econ. 51n-52. Principles of Economics	6	Econ. 112. Labor Problems	.....	3	
		Econ. 117. Marketing Farm Products	3		
		Bus. 167. Government Regulation	.....	3	
		of Business	.....	3	
		Bus. 193-194. Business Conditions	..	6	
RECOMMENDED PREPARATION		Fifteen credits as follows:			
Geol. 12. Economic Geography	3	Fifteen credits from courses numbered above 100 in the following subjects to be chosen with the approval of the adviser: 9 credits to be in one field: History, Philosophy, Political Science, Psychology, Sociology.			
REQUIRED					
Econ. 105-106. Money and Banking	6				
Econ. 109. Public Finance	.....			
Econ. 152. Advanced Econ. Theory	3				
Bus. 81-82. Principles of Accounting	.....			
Bus. 113. Statistics	.....			

ENGLISH

(For the general requirements of the degree of Bachelor of Arts see page 41.)

PREREQUISITES		Course		Credits	
Eng. 17-18. Intro. to Literature	..	Option II. For prospective teachers:			
Courses in Public Speaking (Eng. 31-32, 35, 36); Dramatics (Eng. 33-34, 71-72); or Journalism (Eng. 81-82)	4-6	Fifteen credits in Education including special methods in teaching Composition and Literature, Public Speaking and Dramatics, or Journalism; and work in some other field of study as a minor teaching subject.			
These prerequisites for teaching English should be elective in the Senior College without credit, provided they cannot be secured in the Junior College.		SUGGESTED ELECTIVES			
REQUIRED		Course		Credits	
Eng. 132. Chaucer and Middle English	.....	Eng. 121-122. The Modern Novel	..	4	
Eng. 141-142. Shakespeare	.....	Eng. 131. Old English Language and Literature	.....	3	
Eng. 115-116. Romantic Prose and Poetry	.....	Eng. 113-114. The Restoration and Queen Anne Ages	..	4	
Eng. 117-118. Victorian Prose and Poetry	.....	Eng. 123. Contemporary English and American Drama	2		
Eng. 119-120. American Literature	..	Eng. 124. Contemporary European Drama	.....	2	
Eng. 129-130. Outlines of English Literature	.....	Students expecting to do graduate work in English or looking forward to college teaching or teaching in large high schools are recommended to elect the course in Old English Language and Literature. Only the Shakespeare course and the American Literature are likely to be offered every year; the other required courses will probably be offered in alternate years. A comprehensive examination covering this curriculum will be required at the end of the Senior year. See paragraph "E" under English in Part V.			
Option I. Fifteen or more credits from either A, B, or C:					
A. Philosophy, History, or Sociology courses numbered above 100.					
B. Advanced courses in Foreign Language and Literature.					
C. Advanced courses in Journalism, Dramatics, and Public Speaking.					

EUROPEAN HISTORY

(For the general requirements of the degree of Bachelor of Arts see page 41.)

PREREQUISITES		Course		Credits	
Twelve credits from the following:		Hist. 135-136. Economic History	...	6	
Course		Pol.Sci. 125. Comparative Government	.....	3	
Hist. 1-2. History of Civilization	6	Soc. 51. Introductory Sociology	3		
Hist. 13-14. Classical Civilization	..	Eng. 175-176. Readings in European Literature	.....	4	
Hist. 21-22. History of the Americas	6	SUGGESTED ELECTIVES			
REQUIRED		History	.....	8	
Hist. 105-106. Recent Times	.....	Education	.....	6	
Hist. 107-108. English History	.....	Philosophy	.....	6	
Hist. 122. America, a World Power	.....			
Hist. 121. Reconstruction Period	3				

FRENCH

(For the general requirements of the degree of Bachelor of Arts see page 41.)

PREREQUISITES

History 13-14, Classical Civilization, specified as part of the Junior College curriculum.

Sequence I

Course	Credits
Fr. 1n-2. Elementary French	8
Fr. 13-14. Intermediate French	8

Sequence II

Fr. 13-14. Intermediate French	8
Fr. 21-22. Advanced Sophomore French	4

RECOMMENDED PREPARATION

German, Greek, Latin, or Spanish should be elected in the Sophomore year, if possible.

REQUIRED

A reading knowledge of another foreign language.

Course	Credits
Hist. 141-142. French Civilization	4
Eng. 175-176. Readings in European Literature	4
Fr. 111-112. Advanced Composition and Conversation	4
Fr. 121-122. Survey of French Literature	6
Fr. 135-136. The Nineteenth Century	6
Fr. 141-142. The Seventeenth Century	6
Choice of:	
Fr. 145-146. Contemporary Literature	6
Fr. 161-162. Directed Reading	4-6

GEOLOGY

(For the general requirements of the degree of Bachelor of Science see page 41.)

PREREQUISITES

Course	Credits
Math. 1-2. Freshman Mathematics	8
Chem. 1-2. General Chemistry	8
Phys. 3-4. General Physics	8
Geol. 1-2. Introductory and Historical Geology	8
Bot. 1. General Botany	4
or	
Zool. 1. General Zoology	4

REQUIRED

Course	Credits
Geol. 53-54. General Mineralogy	6
Geol. 101. Advanced Physiography	3
Geol. 102. Advanced Stratigraphy	3
Geol. 111. Introductory Paleontology	3
Geol. 116. Geography and Geology of Idaho and the Pacific Northwest	3
Geol. 123. Mineral Resources	3
Geol. 161. Structural Geology	3
Geol. 157. Ore Deposits	4

GERMAN

(For the general requirements of the degree of Bachelor of Arts see page 41.)

PREREQUISITES

Hist. 13-14, Classical Civilization, specified as part of the Junior College curriculum.

Course	Credits
Ger. 1n-2. Elementary German	8
Ger. 13-14. Intermediate German	8

RECOMMENDED PREPARATION

French, Greek, Latin, or Spanish should be elected in the Sophomore year, if possible.

REQUIRED

A reading knowledge of another foreign language.

Course	Credits
Hist. 151-152. German Civilization	4
Eng. 175-176. Readings in European Literature	4
Ger. 111-112. Advanced Composition and Conversation	4
Ger. 121-122. Survey of German Literature	6

Choice of two:

Ger. 135-136. The Nineteenth Century	6
Ger. 141-142. Schiller	6
Ger. 143-144. Goethe	6

GREEK

(For the general requirements of the degree of Bachelor of Arts see page 41.)

PREREQUISITES

Hist. 13-14, Classical Civilization, specified as part of the Junior College curriculum.

Course	Credits
Greek 1n-2. Elementary Greek	8
Greek 3-4. Intermediate Greek	8

RECOMMENDED PREPARATION

One, or, if possible, two years of Latin, French, or German.

REQUIRED

Course	Credits
Greek 101. Plato	3
Greek 102. Greek Tragedy	3
Greek 103. Herodotus	3
Greek 104. Theocritus	3
Greek 105. Greek Lyrical Poetry	3
Greek 106. New Testament Greek	3
Greek 107. History of Greek Literature	2
Greek 108. Archeology	2
C.L. 60. Classical Art	2

HOME ECONOMICS**(General)**

(For the degree of Bachelor of Science in Home Economics)

PREREQUISITES

See statement of Freshman and Sophomore courses under Junior College, Part III.

JUNIOR YEAR

Course	Credits	
	First Sec.	Sem. Sem.
H.Ec. 101-102. Selection and Preparation of Food, Marketing and Serving	3	3
Bact. 51. General Bacteriology ..	4	
Chem. 54. Carbon Compounds ..	3	
H.Ec. 131. House Management and Sanitation	2	
H.Ec. 152. Methods of Teaching Home Economics ..	2	
H.Ec. 136. Economics and Social Problems of the Home	2	
H.Ec. 141. Interior Decorating ..	2	
H.Ec. 135. Child Development ..	2	
Elective	3	6
	16	16

SENIOR YEAR

Course	Credits	
	First Sec.	Sem. Sem.
H.Ec. 103-104. Dietetics	3	3
H.Ec. 105. Advanced Clothing ..	2	
H.Ec. 106. Dressmaking and Millinery		2
H.Ec. 133. Practice Cottage ... (2)	2	
or		
H.Ec. 157. Observation and Teaching in H.Ec. ..	4	(4)
H.Ec. 153. Methods in Related Art and Science ..	2	
Soc. 51. Introductory Sociology ..	3	
Elective	2	7-9
	16	16

Seven credits in Education must be elected by those who desire a teacher's certificate.

HOME ECONOMICS**(Food and Nutrition)**

(For the degree of Bachelor of Science in Home Economics)

PREREQUISITES

See statement of Freshman and Sophomore courses under Junior College, Part III.

JUNIOR YEAR

Course	Credits	
	First Sec.	Sem. Sem.
Chem. 101-102. Organic Chemistry ..	4	4
H.Ec. 101-102. Selection and Preparation of Food, Marketing and Serving	3	3
Bact. 51. General Bacteriology ..	4	
H.Ec. 152. Methods of Teaching Home Economics ..	2	
H.Ec. 136. Economic and Social Problems of the Home	2	
H.Ec. 131. House Management and Sanitation	2	
Elective	3	5
	16	16

SENIOR YEAR

Course	Credits	
	First Sec.	Sem. Sem.
H.Ec. 103-104. Dietetics	3	3
H.Ec. 133. Practice Cottage ... (2)	2	
or		
H.Ec. 157. Observation and Teaching in H.Ec. ..	4	(4)
Chem. 111. Biochemistry	3	
H.Ec. 135. Child Development ..	2	
Soc. 51. Introductory Sociology ..	3	
H.Ec. 138. Institutional Administration and Quantity Cooking	4	
Elective	1-3	5-7
	16	16

Nine credits in Education must be elected by those desiring to teach.

The American Dietetics Association has added the following requirements:

Psychology	3-6 credits
Economics	3 credits
Accounting	3 credits
Dietetics majors not required to take H.Ec. 157.	

JOURNALISM

(For the general requirements of the degree of Bachelor of Arts see page 41.)

PREREQUISITES

Ability to use the typewriter.
Psych. 1 specified as part of the Junior College curriculum.

Course	Credits
Eng. 17-18. Intro. to Literature ...	6
Eng. 81-82. Elements of Journalism ..	4

An elementary course in a science not included in the Junior College curriculum.

REQUIRED

Course	Credits
Eng. 181-182. Reporting	8
Eng. 183. Editorial Writing ...	3
Eng. 184. News Editing	3
Eng. 185. History of Journalism ..	2
Eng. 186. Special Feature Articles ..	3
Eng. 191. Ethics of Journalism ..	2
Eng. 192. Law of the Press ...	2
Eng. 197. Problems in Newspaper Publishing ..	2

Course	Credits	Course	Credits
SUGGESTED ELECTIVES			
Eng. 83-84. College Journalism....	1-4	Hist. 62. America, a World Power	3
Eng. 198. High School Journalism ..	2	Pol.Sci. 75. State Government ...	3
Eng. 105-106. Advanced Literary Composition	2-4	Pol.Sci. 76. City and County Government	3
Bus. 165-166. Business Law	3-6	Pol.Sci. 132. Political Parties	2
Bus. 175. Principles of Advertising ..	3	Soc. 51. Introductory Sociology ..	3
Bus. 176. Retail Advertising ..	2	Soc. 132. Criminology	3
Econ. 51n-52. Principles of Economics	6	Soc. 165. Public Opinion	3
		Advanced courses in Literature or advanced courses in a chosen field.	

LATIN

(For the general requirements of the degree of Bachelor of Arts see page 41.)

PREREQUISITES

Hist. 13-14. Classified Civilization, specified as part of the Junior College curriculum.

Two years of Latin from the following:

Course	Sequence I	Credits
Lat. 1n-2. Elementary Latin		8
Lat. 3-4. Intermediate Latin		8
<i>Sequence II</i>		
Lat. 3-4. Intermediate Latin		8
Lat. 53. Advanced Latin		3
REQUIRED		
Lat. 53-54. Advanced Latin*		6

Course	Credits
Lat. 101-102. Horace and Livy	6
Lat. 111-112. Prose Composition ...	4
Lat. 121-122. Directed Reading	6
Lat. 123. History of Latin Literature	2
Lat. 124. Teachers' Course	2
Choice of:	
Grk. 1-2. Elementary Greek ...	8
or	
C.L. 53. Scientific Terminology ..	2
C.L. 60. Classical Art	2
Eng. 175-176. Readings in European Literature	4

LAW

(A combined Six-Year Curriculum for the degrees of B.A. and LL.B. For the general requirements of the degree of Bachelor of Arts, see page 41. For the first year of Law see College of Law Section [Part III].)

PREREQUISITES

The Junior College Curriculum; and two years in one foreign language in addition to two units for admission.

REQUIRED

Completion of 32 credit-hours, including 12 credits in courses numbered above 100.

SENIOR YEAR

Course	Credits
Law (first year)	28

MATHEMATICS

(For the general requirements of the degree of Bachelor of Science see page 41.)

PREREQUISITES

Course	Credits
Math. 1-2 or 11-12. Freshman Math. 8-10	
Phys. 3-4. General Physics	8
or	
Phys. 11-12. Engineering Physics ..	10
REQUIRED	
Math. 51-52. Calculus	8
Math. 111. Higher Algebra	3
Math. 112. Higher Geometry ..	3
Math. 121-122. Advanced Calculus. ..	6

Course	Credits
Mechanics (Analytical or Technical) 5-6	
Math. 102, 104, or 142 may be substituted for part of required mechanics.	

SUGGESTED ELECTIVESPhil. 103. Logic 3 |

Advanced work in Natural Science, Engineering, or Social Studies where Mathematics may be applied.

Education.

MUSIC (B.A.)

(For the general requirements of the degree of Bachelor of Arts see page 41.)

PREREQUISITES

Course	Credits
Mus. 1-2. Sight Singing	4
Mus. 11-12. Advanced Sight Singing ..	4
Applied Music (Piano, Voice, Cello or Violin)	12
Mus. 3-4. Elementary Harmony ..	4
Mus. 5-6. Advanced Harmony ..	4
Mus. 13-14. Key Board Harmony ..	2
Foreign Language	8-16

REQUIRED

Proficiency test for admission to Junior courses in applied music. Advanced courses in Literature, Foreign Language, Art, or Education. 8-12

Course	Credits
Mus. 101-102. History of Music ...	4
Mus. 103-104. Form and Analysis ..	4
Applied Music (Piano, Voice, Cello, or Violin)	16

SUGGESTED ELECTIVES

Mus. 55-56. Music Appreciation ...	2
Applied Music (Piano, Voice, Cello, or Violin)	8-16
Phys. 54. Music and Sound	4
Ensemble	2-4
Mus. 105-106. Counterpoint	4
Mus. 109-110. Elementary Composition ..	4
Mus. 111-112. Instrumentation	4

*If not taken in Junior College.

MUSIC (B.M.)

PREREQUISITES		Course	Credits
See statement of Freshman and Sophomore courses under Junior College.		Mus. 125-126. Piano	10
REQUIRED		Mus. 127-128. Piano	10
Proficiency test for admission to Junior courses in applied music.		<i>B. For those studying Voice</i>	
REQUIRED		Mus. 135-136. Voice	10
Course	Credits	Mus. 137-138. Voice	10
Mus. 101-102. History of Music ...	4	Mus. 35-36. Glee Club	4
Mus. 103-104. Form and Analysis ..	4	<i>C. For those studying Violin</i>	
Mus. 105-106. Counterpoint	4	Mus. 145-146. Violin	10
Mus. 109-110. Elementary Composition	4	Mus. 147-148. Violin	10
Mus. 111-112. Instrumentation	4	Mus. 45-46. Orchestra	4
Advanced courses in Literature, Foreign Language, Art or Education		<i>D. For those studying Cello</i>	
<i>A. For those studying Piano</i>		Mus. 161-162. Cello	10
Mus. 73-74. Instrumental Ensemble	2	Mus. 163-164. Cello	10
Mus. 57-58. Accompanying	2	Mus. 45-46. Orchestra	4
		SUGGESTED ELECTIVES	
		Phys. 54. Music and Sound	4

PHILOSOPHY

(For the general requirements of the degree of Bachelor of Arts see page 41.)

PREREQUISITES		SUGGESTED ELECTIVES	
Course	Credits	Course	Credits
Phil. 51. History of Ancient Philosophy	3	Advanced Science*	10-18
Phil. 52. History of Modern Philosophy	3	Advanced courses in:	
REQUIRED		History	10-18
Phil. 101-102. Ethics	6	Literature and Composition	10-18
Phil. 105. Philosophy of Religion	3	Political Science	10-18
Phil. 106. State and Individual.	3	Sociology	6
Additional credits in Philosophy		Economics	10-18
courses numbered above 100	8	Business	10-18
		Education	15

PHYSICS

(For the general requirements of the degree of Bachelor of Science see page 41.)

PREREQUISITES		Course	Credits
Course	Credits		
Phys. 11-12. Engineering Physics ..	10	Phys. 131. Electricity and Magnetism	2
or		Phys. 133. Electrical Measurements.	2
Phys. 3-4. General Physics	8	Phys. 141. Advanced Light	4
Chem. 1-2. General Chemistry ..	8	Phys. 152. Advanced Heat	4
Math. 1-2. Fresh. Mathematics ..	8	Phys. 161-162. Pro-Seminar	2
Math. 51-52. Calculus	8	SUGGESTED ELECTIVES	
REQUIRED		Phys. 211-212. Modern Physics	8
Phys. 121-122. Analytical Mechanics	6	Math. 101. Engineering Mathematics	3
		Math. 121-122. Advanced Calculus ..	6

POLITICAL SCIENCE

(For the general requirements of the degree of Bachelor of Arts see page 41.)

PREREQUISITES		Course	Credits
Course	Credits		
Pol.Sci. 1-2. American Government...	6	Pol.Sci. 142. Conduct of American Foreign Policy..	3
or		Pol.Sci. 151. Government and Business	3
Pol.Sci. 75. State Government	3	Pol.Sci. 152. Public Administration.	3
and		Twenty credits from the following:	
Pol.Sci. 76. City and County Government	3	Soc. 121. The Family	3
REQUIRED		Soc. 144. Race and Nationality Problems	3
Twenty credits in Political Science from the following:		Soc. 165. Public Opinion	3
Pol.Sci. 125. Comparative Government	3	Bus. 165-166. Business Law	6
Pol.Sci. 127. Theory of the State ..	3	Bus. 167. Government Regulation of Business ...	3
Pol.Sci. 128. American Political Theory	3	Bus. 193-194. Business Conditions ..	6
Pol.Sci. 132. Political Parties	2	Econ. 105-106. Money and Banking ..	6
Pol.Sci. 135. Legislation and Legislative Bodies ...	2	Econ. 109. Public Finance	3
Pol.Sci. 136. American Constitution.	3	Econ. 112. Labor Problems	3
Pol.Sci. 137. International Relations.	3	Hist. 105-106. Recent Times	6
Pol.Sci. 138. International Political Organization	3	Hist. 115-116. American Diplomacy ..	6
Specific adjustments will be made to care for particular aims and needs of the student.		Hist. 62. America a World Power	3
		Hist. 135-136. Economic History ...	6
		Phil. 106. State and Individual.	3

*Continuation of Sciences already begun.

PRE-MEDICAL STUDIES

(For the degree of Bachelor of Science [Pre-Med.]

PREREQUISITES

See statement of Freshman and Sophomore courses under Junior College.

JUNIOR YEAR. REQUIRED

Course	Credits
Eng. 155. Technical Writing ..	3
Chem. 101-102. Organic Chemistry ..	8
Zool. 113. Embryology	4
Zool. 109. Histology	4
Zool. 110. Histological Technique ..	2
Bact. 51. General Bacteriology ..	4
Bact. 104. Pathogenic Bacteria....	4
Electives other than Science	8
	<hr/>
	37

SENIOR YEAR**OPTION I.**—Completion of the first year of medical study at an approved college of medicine.**OPTION II.**—Completion of following courses:

Course	Credits
Zool. 105-106. Human Physiology ..	6
Chem. 111-112. Biochemistry	6
Zool. 115. Cytology	4
Zool. 151-152. Photo. Technique ...	4
Zool. 111. General Neurology ..	4
Zool. 118. Parasitology	4
Electives	8
	<hr/>
	36

PRE-NURSING STUDIES

(For the degree of Bachelor of Science [Pre-Nurs.]

PREREQUISITES

See statement of Freshman and Sophomore courses under Junior College.

JUNIOR YEAR. REQUIRED

Course	Credits
Zool. 103-104. Human Anatomy ...	4
Zool. 105-106. Human Physiology ..	6
Chem. 101-102. Organic Chemistry ..	8
Eng. 155. Technical Writing ..	3
Electives of which 9 must be other than Science	15
	<hr/>
	36

SENIOR YEAR**OPTION I.**—Graduation from an approved school of nursing.**OPTION II.**—Completion of following courses:

Course	Credits
Zool. 109. Histology	4
Zool. 110. Histological Tech.	2
Zool. 115. Cytology	4
Bact. 104. Pathogenic Bact.	4
Electives*	22
	<hr/>
	36

PSYCHOLOGY

(For the general requirements of the degree of Bachelor of Science see page 41.)

PREREQUISITES

Course	Credits
Phys. 3-4. General Physics	8
Chem. 1-2. General Chemistry	8
Zool. 1-2. General Zoology	8
Zool. 4. Comparative Anatomy of Vertebrates	4
Psych. 1. General Psychology	4
Psych. 2 or 4. Educational or Applied Psychology	3-4

REQUIRED

Course	Credits
Psych. 59. Psychological Methods ..	3
Psych. 121-122. Advanced Psychology ..	8
Additional credits, selected from courses in Psychology open to under-graduates and numbered above 100	12
Zool. 105-106. Human Physiology ..	6
Zool. 113. or 109. Embryology or Histology	4

SOCIOLOGY

(For the general requirements of the degree of Bachelor of Arts see page 41.)

PREREQUISITES

Course	Credits
Soc. 51. Introductory Sociology ...	3
Soc. 70. Group Control	3

REQUIRED

Eighteen credits in Sociology from the following:	
Soc. 121. The Family	3
Soc. 132. Criminology	3
Soc. 144. Race and Nationality Problems	3
Soc. 153. Social Disorganization	3
Soc. 156. Social Case Work	3
Soc. 161. Community Organization ..	3
Soc. 165. Public Opinion	3

Eighteen credits from the following allied courses:

Pol.Sci. 125. Comparative Government	3
Pol.Sci. 132. Political Parties	2
Pol.Sci. 137. International Relations	3
Pol.Sci. 152. Public Administration ..	3
Hist. 135-136. Economic History ..	6
Hist. 107-108. English History	6
Phil. 106. State and Individual ..	3
Psych. 121-222. Advanced Psychology ..	8
Econ. 152. Advanced Economic Theory	3
Bus. 167. Government Regulations of Business ..	3
Bus. 193-194. Business Conditions ..	3
Bus. 165-166. Business Law	6

*Twenty of these credits must be in hundreds courses.

SPANISH

(For the general requirements of the degree of Bachelor of Arts see page 41.)

PREREQUISITES

Hist. 13-14, Classical Civilization, specified as part of the Junior College curriculum.

Sequence I

Course	Credits
Span. 1n-2. Elementary Spanish ...	8
Span. 13-14. Intermediate Spanish ...	8

Sequence II

Span. 13-14. Intermediate Spanish ..	8
Span. 21-22. Adv. Sophomore Spanish	4

RECOMMENDED PREPARATION

French, German, Greek, or Latin should be elected in the Sophomore year, if possible.

REQUIRED

Course	Credits
A reading knowledge of another foreign language.	
Hist. 161-162. Spanish Civilization ..	4
Eng. 175-176. Readings in European Literature	4
Span. 111-112. Advanced Composition and Conversation ...	4
Span. 121-122. Survey of Spanish Literature	6
Span. 135-136. Nineteenth Century ..	6
Span. 141-142. The Golden Age	6
Choice of:	
Span. 147-148. Contemporary Literature	6
Span. 161-162. Directed Reading ...	4-6

ZOOLOGY

(For the general requirements of the degree of Bachelor of Science see page 41.)

PREREQUISITES

Course	Credits
Zool. 1-2. General Zoology	8
Zool. 4. Comparative Anatomy of Vertebrates	4
Chem. 1-2. General Chemistry ...	8

RECOMMENDED PREPARATIONChem. 51-52. Qualitative and Quantitative Analysis

Bot. 1. General Botany

Zool. 58. Heredity and Eugenics

Zool. 109. Histology and Organology

Zool. 110. Histological Technique

Zool. 113. Embryology

Zool. 115. Cytology

Zool. 161-162. Pro-Seminar

Bot. 54. Systematic Botany

SUGGESTED ELECTIVES

Course	Credits
Bot. 122. Plant Morphology ..	4
Chem. 101-102. Organic Chemistry ..	8
Bact. 51. General Bacteriology ..	4
Ent. 101. General Entomology ..	3
Zool. 53. Invertebrate Zoology ..	4
Zool. 68. Ornithology	3
Zool. 103-104. Human Anatomy ...	4
Zool. 105-106. Human Physiology ..	6
Zool. 107. Organic Evolution ..	3
Zool. 111. General Neurology ..	4
Zool. 118. Parasitology	4
Zool. 119-120. Thesis	2
Zool. 151-152. Photographic Technique	4
Chem. 111-112. Biochemistry	6
Bot. 101-102. Plant Physiology ...	8
Bot. 104. Plant Anatomy	4
Education	15

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The College of Agriculture

EDWARD JOHN IDDINGS, M.S.	<i>Dean of the College</i>
CHARLES WILLIAM HUNGERFORD, PH.D.....	<i>Assistant Dean</i>
AUDELLA JOHNSON	<i>Secretary of the College Faculty</i>
FLOYD WARNICK ATKESON, M.S.(AGR.).....	
.....	<i>Chairman of the Scholarship Committee</i>
HERBERT ELMER LATTIG, M.S.(ED.)	<i>Chairman of the Curriculum Committee</i>
HAROLD WATKINS HULBERT, M.S.(AGR.).....	
.....	<i>Chairman of the Publications Committee</i>

THE equipment of the College of Agriculture and Agricultural Experiment Station at Moscow consists of 740 acres of deeded land and 11 permanent buildings. In addition the University owns or leases for purposes of agricultural experiments 750 acres located at five other points in the State.

The equipment for agricultural instruction consists of Morrill Hall, used as a central office, classroom, and laboratory building; dairy building; horticultural by-products building; green houses; dairy-cattle; horse, sheep, swine, and beef-cattle barns; poultry-service building, and laying houses; carefully selected herds of purebred livestock; 75 acres devoted to experimental work in plant breeding, variety tests, and crop rotation; 55 acres of orchard and garden; 300 acres of pasture and green forage for horses, beef cattle, dairy cattle, sheep and swine; 100 acres of corn, peas, and oats and other silage crops; and 210 acres of meadow.

LABORATORIES

AGRICULTURAL CHEMISTRY.—This laboratory is fully equipped with all the necessary apparatus for complete courses in all the branches of agricultural, dairy, and soil chemistry, and special research. Reference books, technical bulletins, and journals are on file in the department library.

AGRICULTURAL ECONOMICS.—Facilities for instruction and research are provided in the office in Morrill Hall. An office library is maintained which contains the chief sources of agricultural statistics, both historical and current, together with bulletins, textbooks, and periodicals. Electric calculating machines and other devices are at hand as an aid to research.

AGRICULTURAL ENGINEERING.—The laboratories contain levels, transits, and other equipment for surveying, a large number of gasoline engines, automobiles, and tractors; an acetylene welding outfit and a fully equipped shop and tool room; up-to-date farm machines commonly found on the average farm in Idaho; a test brake for determining the belt horse-power and a tractor dynamometer for determining the draw-bar horse-power of tractors. Pumps, tanks, weirs, and current meters are available for practice in irrigation measurements.

AGRONOMY.—A large, well equipped laboratory is used for instructional work in grain and forage-crop identification, market grading and judging.

A special laboratory is provided for seed testing and advanced research in crops. The Department operates a 75-acre tract of land for experimental and demonstration work, which is used to supplement the laboratory courses. The soil laboratories are well equipped with modern apparatus for soil physics.

ANIMAL HUSBANDRY.—Facilities for training in the various phases of the livestock industry are available in the herds and flocks maintained on the University Farm and in laboratories equipped to meet the needs of detailed study. Twenty-five Percheron horses; 75 Hereford and Short-horn cattle; 175 sheep representing the Rambouillet, Hampshire, Suffolk, Southdown, and Lincoln breeds; and 100 Duroc Jersey and Poland China swine comprise the herds and flocks. A privately-owned modern packing plant with federal meat inspection service is available and supplements the work offered in the production and processing of meats. Equipment is available for studies of wool. An animal clinic with modern equipment offers laboratory facilities for study of the anatomy, physiology, and diseases of farm animals.

BACTERIOLOGY.—The Department of Bacteriology occupies five large rooms on the first floor of Science Hall. The laboratories are well equipped for teaching and research work. The student laboratory is adjacent to research laboratories where studies are being made on human and animal diseases and also on agricultural and industrial problems, thus offering the student an excellent opportunity for observation in research methods. Leading national and foreign publications in bacteriology are on file in the library.

BOTANY.—In the College of Letters and Science.

DAIRY HUSBANDRY.—Facilities for instruction in dairying include the creamery laboratory, provided with the usual equipment found in commercial creameries and milk plants, and complete apparatus for the manufacture of butter, cheese, and ice cream. In addition, there is a well-equipped laboratory for research work. For practice in judging and for research work, the University maintains a herd of 90 head of dairy cattle, representing the Jersey and Holstein breeds. On these complete breeding and production records are kept.

ENTOMOLOGY.—The Department of Entomology occupies three large rooms on the fourth floor of Science Hall. The laboratories are equipped with apparatus necessary for teaching and research work. A well-arranged insect collection is available for study and comparison. The university is in an area rich in its varied, unique insect fauna due to the differences in altitude, soil types, and degrees of cultivation within short distances of the campus.

HORTICULTURE.—Courses in Horticulture include instruction in three divisions, fruit growing, vegetable growing, and ornamental horticulture. Orchards, vineyards, berry plantations and garden space are available for practical instruction outdoors, and greenhouses, storage and small grading and packing house for indoor work. Junior and senior students have

access to a well-equipped laboratory in Morrill Hall for advanced study and research.

PLANT PATHOLOGY.—Facilities for instruction in Plant Pathology include offices, two well equipped laboratories, a reading room containing suitable reference material, and a greenhouse with modern equipment for both elementary and advanced study and research.

POULTRY.—The poultry plant is provided with facilities for the training of students in practical poultry management and in various phases of special problem work. A central service building houses facilities for judging, incubation, brooding, study of feeds, and the preparation of poultry products for market. Laying houses offer opportunity for instruction in housing and flock management. Experimental feeding trials provide means for special study in poultry nutrition. Instruction in poultry diseases is included in courses in veterinary science. A library maintained in the office in Morrill Hall contains the latest books, bulletins, and magazines as reference material.

ZOOLOGY.—In the College of Letters and Science.

ADMISSION

Admission requirements* are presented in Part II of this catalog.

DEGREES

Curricula of study are offered toward the degree, Bachelor of Science in Agriculture. Requirements for the degree, Master of Science in Agriculture, will be found in the section of the catalog devoted to the Graduate School.

Instruction is given in Agricultural Chemistry, Agricultural Economics, Agricultural Education, Agricultural Engineering†, Agronomy, Animal Husbandry, Bacteriology, Dairy Husbandry, Entomology, Horticulture, Plant Pathology, Poultry Husbandry, Soils, and Veterinary Science.

All students pursue the same curriculum throughout the Freshman and Sophomore years, with some provision for substitution of courses where it is deemed necessary. Detailed instruction for making such substitutions are found under *Majors* on page 56. At the beginning of the Junior year a major agricultural subject is chosen. Majors may be chosen in any Department of the College of Agriculture or in General Agriculture.

The teacher-training curriculum in Vocational Agriculture is the course approved by the State Board of Vocational Education for the preparation of Smith-Hughes high school agriculture teachers. Graduates from this course are eligible for a state high school certificate valid for five years.

Those who desire a more general course in agriculture, such as will especially fit for county agent and other extension work, should major in

*Admission to short courses in motor mechanics and dairying is secured from the eighth grade. A special description of the short courses may be had upon application.

†The Curriculum in Agricultural Engineering is offered jointly by the College of Agriculture and the College of Engineering and will be found outlined in the Section of the catalog devoted to the College of Engineering. For the degree B.S.(A.E.) see College of Engineering.

General Agriculture, or will find it desirable to choose electives in one of the other departments in the College of Agriculture to prepare for work in these fields.

CURRICULUM IN AGRICULTURE

FRESHMAN YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
Eng. 1. English Composition	3	Chem. 2. General Chemistry	4
Chem. 1. General Chemistry	4	Zool. 1. General Zoology	4
Bot. 11. General Ag. Botany	5	Hort. 2. Intro. to Horticulture ...	3
Agron. 1. General Crop Prod.	4	A.E. 4. Gen. Agric. Engin.	3
Mil. 1. Freshman Military	1½	Mil. 2. Freshman Military	1½
P.E. 31. Freshman Sports	½	P.E. 32. Freshman Sports	½
		Elective	2
Total	18	Total	18

SOPHOMORE YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
Chem. 53. Org. and Anyl. Chem. . .	4	Ag.Chem. 2. Ag. Chemistry	4
*Soc.Sc. 1. Contemporary Civiliz. .	3	*Soc.Sc. 2. Contemporary Civiliz. .	3
Agron. 51. General Soils	4	Bact. 51. General Bacteriology ..	4
A.H. 1. Livestock Industry	5	D.H. 2. Elements of Dairying ..	4
Mil. 3. Sophomore Military ...	1½	Mil. 4. Sophomore Military ..	1½
P.E. 33. Sophomore Sports	½	P.E. 34. Sophomore Sports	½
Total	18	Total	17

JUNIOR YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
Econ. 115. Agricultural Economics. .	3	Eng. 155. Technical Writing	3
P.P. 101. General Plant Path. . .	3	Major Requirements	15-11
Ent. 101. General Entomology ..	3	†Phys. 1. Elementary Physics	4
Major Requirements	8		
Total	17	Total	18

SENIOR YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
Minimum Major Requirements	7	Minimum Major Requirements	4
Selected Courses	11	Selected Courses	14
Total	18	Total	18

SUMMARY

Required Basic Courses	81 credits or 85 credits†
Major Requirements and Related Courses	32
Elective	25
Total Required for Graduation	142

*The student may select other subjects in social studies instead of Soc. Sc. 1-2, such electives to be approved by the Dean or major professor.

†Students who present one year of high school physics for entrance are not required to take Phys. 1, and will be allowed 15 elective credits in the second semester of the Junior year.

‡Those who enter without high school physics.

Students who have taken some agricultural courses in the Southern Branch will be able to adjust their schedules to the Agricultural curriculum outlined above.

To obtain the recommendation of the faculty for the degree of Bachelor of Science in Agriculture, B.S.(Agr.), the student must in addition to completing the regular courses of study prescribed by the department in which his major lies, present evidence of having spent at least one summer after his first year in residence at the University in practical farm work on an approved farm; those enrolled in the teacher-training course in agricultural education also must present evidence of having had a total of two years of practical farm experience subsequent to becoming 14 years of age. Students who complete at least 13 credits in Agricultural Education and two credits in Ed. 55, Idaho Law, Manual and Civics, are eligible for a five-year high school certificate.

MAJORS

Before the close of the Freshman year each student will be asked to fill out a form indicating the type of work he expects or hopes to follow. Before the end of the Sophomore year he will file a written statement in the Dean's office indicating the Department in which he expects to major. Any student in the College of Agriculture desiring more definitely to prepare himself for any specific lines of work may, with the approval of the Dean of the College of Agriculture and the Head of the Department in which he expects to major, substitute for courses specified in the regular agricultural curriculum as follows:

FIRST: Six credits in other Social Studies for Soc. Sc. 1-2 (Contemporary Civilization); Chem. 51 (Qualitative and Gravimetric Analysis) for Chem. 53 (Organic Chemistry); Chem. 52 (Quantitative Analysis) for Ag. Chem. 2 (Agricultural Chemistry); Bot. 1 (General Botany) for Bot. 11 (General Agricultural Botany).

SECOND: Other substitutions, not to exceed a total of 12 semester credits, selected from the following courses: Agron. 1 (General Crop Production); Hort. 2 (Introduction to Horticulture); A.E. (General Agricultural Engineering); A.H. 1 (Livestock Industry); D.H. 2 (Elements of Dairying); Ag. Chem. 2 (Agricultural Chemistry); Ent. 101 (General Entomology); P.P. 101 (General Plant Pathology); Agron. 51 (General Soils).

Majors may be chosen in any department of the College of Agriculture or in General Agriculture. The Head of the Department is the student's major professor in each case except in General Agriculture. Those choosing the major in General Agriculture will register with the Dean of the College.

Twenty credits in courses numbered above 100 are required for a major, the courses to be selected by the major department. The student will take 12 credits in other departments, the courses to be selected with a definite objective and approved by the major department. Twenty-five to twenty-nine credits are elective.

ADULT SPECIAL STUDENTS

Students who are 21 years of age or older may enter as special students and take courses selected to suit their special needs. Such students, by omitting some of the requirements for the degree, may take agricultural courses of direct and practical value in meeting farm production and agri-

cultural marketing problems. See page 27 for regulations governing such admission.

SHORT COURSES

COMMERCIAL DAIRYING

October 21, 1935 to March 20, 1936

The five-months' course in Commerical Dairying is planned to give a practical working knowledge of modern dairying manufacturing methods. The primary object of the course is, however, to train men who will be able successfully to fill responsible positions in dairy manufacturing plants. Efforts are made to place worthy men in desirable positions.

A three-story brick building devoted entirely to the work in dairying provides space for classrooms and laboratories. The equipment includes the necessary machinery and complete equipment for the manufacture of butter, cheese, and ice cream, and the processing of market milk by modern commercial methods. Refrigeration is furnished by a five-ton mechanical refrigerating plant. The testing laboratory includes a Mojonnier tester, the most modern machine for testing milk and milk products.

Tuition is free, but each student pays a health fee of \$2 each term, and a Students' Association fee of \$4.25 each term, admitting him to all athletic contests on the campus, covering subscription to the college paper, and entitling him to other privileges. A deposit of \$5 is required of each student as a breakage fee. All or part of this is refunded at end of the term, depending on the amount of equipment broken. In addition, a few laboratory fees are charged, amounting to about \$5 a year. There is also an extra-curriculum fee of \$2.50.

Students who are 17 years of age or over and who have completed the eight-grade work will be admitted without examination. Others will be admitted upon submitting evidence of sufficient previous training to undertake the work. The work of the course covers two terms of approximately 10 weeks each.

Commercial Dairying Curriculum

Course	FIRST TERM		Course	SECOND TERM	
	Lect.	Hours Lab.		Lect.	Hours Lab.
Cheesemaking	2	5	Buttermaking	2	4
Ice-Cream Making	2	2	Milk Production	2	4
Farm Dairying	1	4	Market Milk	2	2
Dairy Bacteriology	2	0	Factory Management	3	0
Dairy Mechanics	0	3	Dairy Calculations	2	0
Dairy Statistics	2	0	Dairy Bacteriology	0	4
Market Poultry and Eggs ...	1	2	Scoring Milk, Butter, Cheese and Ice Cream	0	2
Factory Tests	0	2			
Total	10	18	Total	11	16

MOTOR MECHANICS

Nine Months' Vocational Course, Sept. 6, 1935, to June 6, 1936

The State Department of Vocational Education has made it possible through its cooperation to give the work in motor mechanics on a nine

months' basis. The course consists of practical instruction in repair of automobiles, tractors, and trucks and a working knowledge of modern shop practice.

The work is grouped in special courses such as motor repair, ignition, generators and starting motors, and storage batteries. Machine shop work and oxyacetylene welding are included in an endeavor to keep the instruction of a commercial character and to meet the needs of the mechanic in charge of shop work or the operation and maintenance of modern power and machine equipment used in agriculture.

The course is under the direction of the Agricultural Engineering Department. In addition to the fees for health, student association, and breakage required of other special students, a general laboratory fee of \$5 a term is required.

Anyone who can show that he will profit by the work offered will be admitted, but those with an eighth grade education or better, are best fitted to take advantage of the courses given.

TRACTOR SHORT COURSE

Curriculum for Motor Mechanics

FIRST SEMESTER			SECOND SEMESTER		
Course	Hours		Course	Hours	
	Lect.	Lab.		Lect.	Lab.
Ignition	2	4	Ignition	2	4
Garage Management	2		Trucks and Tractors	2	
Oxyacetylene Welding		4	Oxyacetylene Welding		4
Motors	2	4	Motors	2	4
Shop Practice	1	2	Batteries	1	2
Chassis	2	4	Chassis	2	4
Top-Body-Fenders	1	2	Top-Body-Fenders	1	2
Total	10	20	Total	10	20

TRACTOR SHORT COURSE

January 27 to February 8, 1936

The Farmers' Tractor Short Course provides two weeks of intensive training in the major repair and maintenance jobs required by the operation of modern power equipment. The first week's instruction includes the shop repair work such as bearing fitting, valve grinding, piston-ring fitting, etc. If the student desires he may take advantage of the shop's modern equipment and overhaul his own engine, tractor or magneto. During the second week special work is provided on the individual tractor and the instruction is conducted by the field men from the various tractor factories. Owners of combines as well as tractors will find the work of benefit.

Students having an eighth grade education or the equivalent and who are at least 16 years of age may enter the course.

A laboratory fee of \$2, covering the cost of materials used in the shop, is required.

The College of Engineering

IVAN CHARLES CRAWFORD, C.E.....*Dean of the College*
ROBERT H. HULL, E.E.....*Secretary of the College Faculty*

THE College of Engineering offers curricula in Civil Engineering, Electrical Engineering, Mechanical Engineering, Chemical Engineering, and (in cooperation with the College of Agriculture) Agricultural Engineering.

EQUIPMENT

CIVIL ENGINEERING.—In Civil Engineering there is a full equipment of field instruments, unusually well-appointed drawing rooms, and a materials laboratory containing 200,000-pound and 50,000-pound testing machines. A fully equipped road-materials laboratory is available for the instruction of students and for the service of highway officials throughout the State.

ELECTRICAL ENGINEERING.—The main laboratory is equipped to demonstrate the action of the various types of generators, motors, converters, transformers, and other electrical apparatus, by using commercial machines of convenient size. In addition photometric, radio, electrical standardization and vacuum tube testing laboratories are maintained.

MECHANICAL ENGINEERING.—The Mechanical Engineering laboratory is equipped for experimental work on steam, gas, and oil engines; on gas producers, air compressors, feed pumps and heaters, and injectors; on airplane engines; on automobile motors, carburetors, ignition, and starting apparatus. Facilities are provided for fuel analysis and testing. The University heating and cold storage plants are also available for laboratory work.

CHEMICAL ENGINEERING.—The Chemical Engineering laboratories are not segregated from those of the Department of Chemistry. Ample laboratory equipment is provided for this curriculum.

AGRICULTURAL ENGINEERING.—The laboratories of all engineering departments are used by the students in this curriculum. The Agricultural Engineering Department possesses well-equipped shops and laboratories for its special fields of work.

ADMISSION AND DEGREES

ADMISSION.—For a statement of admission requirements see Part II.

DEGREES.—Curricula are offered in the College of Engineering leading to the degrees of Bachelor of Science in Civil Engineering, B.S.(C.E.); Bachelor of Science in Electrical Engineering, B.S.(E.E.); Bachelor of Science in Mechanical Engineering, B.S.(M.E.); Bachelor of Science in Chemical Engineering, B.S.(Chem.E.); Bachelor of Science in Agricultural Engineering, B.S.(A.E.).

For the requirements of the advanced degrees of Master of Science in the respective branches of engineering, M.S.(C.E.), etc., and the professional engineering degrees, see the description of the Graduate School.

The degree, Bachelor of Science in Agricultural Engineering, B.S. (A.E.), may be granted to students who have completed a four-year course in Civil, Mechanical, or Electrical Engineering followed by one year of prescribed work approved by the faculties concerned.

REQUIREMENTS FOR GRADUATION

Students of all four-year curricula in the College of Engineering, take the same work in the Freshman year, as follows:

COMMON FRESHMAN YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
Chem. 1. General Chemistry	4	Chem. 2. General Chemistry	4
C.E. 1. Engineering Drawing ...	3	C.E. 2. Descriptive Geometry ...	3
C.E. 11. Engineering Lectures ...	1	C.E. 10. Engineering Problems ...	1
Eng. 1. English Composition ...	3	Eng. 2. English Composition ...	3
Math. 11. Freshman Mathematics ..	5	Math. 12. Freshman Mathematics ..	5
Mil. 1. Freshman Military	1½	Mil. 2. Freshman Military	1½
P.E. 31. Freshman Sports	½	P.E. 32. Freshman Sports	½
Engineering Lectures		Engineering Lectures	
Total	18	Total	18

To obtain the recommendation of the faculty for the degree of Bachelor of Science in Civil, Electrical, Mechanical, Chemical, or Agricultural Engineering, the candidate must have completed, in addition to the common Freshman year above, the curriculum corresponding to the degree as outlined below.

CURRICULUM IN CIVIL ENGINEERING

SOPHOMORE YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
C.E. 3. Plane Surveying	4	C.E. 4. Topographic Surveying ..	3
Geol. 1. General Geology	4	C.E. 6. Mechanics (Statics)	2
Math. 51. Calculus	4	C.E. 8. Plane Curves	1
Mil. 3. Sophomore Military	1½	Math. 52. Calculus	4
P.E. 33. Sophomore Sports	½	Mil. 4. Sophomore Military	1½
Phys. 11. Engineering Physics	5	P.E. 34. Sophomore Sports	½
		Phys. 12. Engineering Physics	5
Total	19	Total	17

JUNIOR YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
C.E. 101. Mechanics (Dynamics) ..	2	C.E. 102. Framed Structures	3
C.E. 103. Mechanics of Materials ..	3	C.E. 104. Hydraulics	3
C.E. 105. Highways and Streets ...	2	C.E. 106. Reinforced Concrete ...	2
C.E. 107. Railroad Engineering	2	C.E. 112. Materials Laboratory ...	1
C.E. 109. Materials Laboratory	1	E.E. 132. A. C. Machinery	2
C.E. 113. Railway and Highway Surveying	3	Eng. 151. Engineering Reports	3
E.E. 131. D. C. Machinery	3	M.E. 121. Thermodynamics I	3
Elective*	2	Elective*	2
Total	18	Total	19

*Electives must be approved by the Dean of the College of Engineering.

SENIOR YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
C.E. 121. Structural Design	3	C.E. 120. Irrigation	2
C.E. 123. Steel Structure	2	C.E. 122. Water Supply	2
C.E. 125. Sewers and Sewage	2	C.E. 124. Contracts and Specifications	2
C.E. 127. Water Power Engin.	2	C.E. 126. Concrete Structures	5
C.E. 135. Estimates and Costs	2	C.E. 128. Pro-Seminar	1
C.E. 137. Statically Indeterminate Stresses	3	C.E. 138. Valuations and Appraisals	2
Elective*	4	Elective*	4
Total	18	Total	18

Total credits required, 145.

CURRICULUM IN ELECTRICAL ENGINEERING

SOPHOMORE YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
Math. 51. Calculus	4	C.E. 3a. Surveying	2
M.E. 3. Machine Shop	2	C.E. 6. Mechanics (Statics)	2
M.E. 5. Machine Drawing	2	E.E. 22. Elem. Elec. Engineering.	3
M.E. 13. Mechanism	3	Math. 52. Calculus	4
Mil. 3. Sophomore Military	1½	Mil. 4. Sophomore Military	1½
P.E. 33. Sophomore Sports	½	P.E. 34. Sophomore Sports	½
Phys. 11. Engineering Physics	5	Phys. 12. Engineering Physics ...	5
Total	18	Total	18

JUNIOR YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
C.E. 103. Mechanics of Materials ..	3	C.E. 101. Mechanics (Dynamics) ..	2
C.E. 109. Materials Laboratory ..	1	C.E. 104. Hydraulics	3
E.E. 133. D. C. Machinery	3	E.E. 134. A. C. Machinery	3
E.E. 135. E. E. Laboratory	2	E.E. 136. E. E. Laboratory	2
Math. 101. Engineering Math.	3	Eng. 151. Engineering Reports	3
M.E. 121. Thermodynamics I	3	M.E. 122. Thermodynamics II	3
Phys. 131. Elec. and Magnetism	2	M.E. 124. Machine Design	2
Phys. 133. Elec. Measurements	2		
Total	19	Total	18

SENIOR YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
E.E. 141. Electrical Engineering ..	5	C.E. 124. Contracts and Specifications	2
E.E. 143. E. E. Laboratory	2	E.E. 142. Electrical Engineering ..	5
E.E. 145. Pro-Seminar	1	E.E. 144. E. E. Laboratory	2
E.E. 147. Electrical Design	3	E.E. 146. Pro-Seminar	1
M.E. 128. M. E. Laboratory	2	F.E. 150. Radio Engineering	3
Elective*	5	Elective*	5
Total	18	Total	18

Total credits required, 145.

CURRICULUM IN CHEMICAL ENGINEERING

SOPHOMORE YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
Chem. 51. Qualitative Analysis	4	Chem. 52. Quantitative Analysis ..	4
Ger. 1. Elementary German	4	Ger. 2. Elementary German	4
Math. 51. Calculus	4	Math. 52. Calculus	4
Mil. 3. Sophomore Military	1½	Mil. 4. Sophomore Military	1½
P.E. 33. Sophomore Sports	½	P.E. 34. Sophomore Sports	½
Phys. 11. Engineering Physics	5	Phys. 12. Engineering Physics ...	5
Total	19	Total	19

*Electives must be approved by the Dean of the College of Engineering.

JUNIOR YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
Chem. 101. Organic Chemistry	4	Chem. 102. Organic Chemistry	4
Chem. 103. Adv. Quant. Analysis ..	3	Chem. 108. Industrial Chemistry ..	2
E.E. 131. Direct Current Mach. .	3	C.E. 6. Mechanics (Statics)	2
Eng. 151. Engineering Reports ...	3	E.E. 132. A. C. Machinery & Lab. 2	
Ger. 15. Scientific German 3		Ger. 16. Scientific German 3	
M.E. 13. Mechanism 3		M.E. 121. Thermodynamics I 3	
		M.E. 128. M. E. Laboratory 2	
Total	19	Total	18

SENIOR YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
Chem. 105. Theoretical and Physical Chemistry ...	3	Chem. 106. Theoretical and Physical Chemistry ...	3
Chem. 109. Thesis	2	Chem. 110. Thesis	1
Chem. 113. Chemical Engineering .	3	Chem. 114. Chemical Engineering ..	4
C.E. 101. Mechanics (Dynamics) .	2	C.E. 3b. Plane Surveying 2	
C.E. 103. Mechanics of Materials. 3		C.E. 104. Hydraulics 3	
C.E. 109. Materials Laboratory ..	1	C.E. 124. Contracts & Specifications 2	
Elective*	3	M.E. 124. Machine Design 2	
Total	17	Total	17

Total credits required, 145.

CURRICULUM IN MECHANICAL ENGINEERING

SOPHOMORE YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
Math. 51. Calculus	4	C.E. 6. Mechanics (Statics)	2
M.E. 3. Machine Shop	2	E.E. 22. Elem. Elec. Engineering. 3	
M.E. 5. Machine Drawing	2	Math. 52. Calculus	4
M.E. 13. Mechanism	3	M.E. 4. Foundry	3
Mil. 3. Sophomore Military	1½	Mil. 4. Sophomore Military	1½
P.E. 33. Sophomore Sports ½		P.E. 34. Sophomore Sports ½	
Phys. 11. Engineering Physics	5	Phys. 12. Engineering Physics	5
Total	18	Total	19

JUNIOR YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
C.E. 101. Mechanics (Dynamics) ..	2	C.E. 104. Hydraulics 3	
C.E. 103. Mechanics of Materials .	3	E.E. 134. A. C. Machinery 3	
C.E. 109. Materials Laboratory ...	1	E.E. 138. E. E. Laboratory 2	
E.E. 133. D. C. Machinery 3		Eng. 151. Engineering Reports ...	3
E.E. 137. E. E. Laboratory 2		M.E. 122. Thermodynamics II ...	3
M.E. 121. Thermodynamics I 4		M.E. 124. Machine Design 2	
M.E. 123. Aerodynamics I 3		M.E. 128. M. E. Laboratory 2	
Total	18	Total	18

SENIOR YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
M.E. 125. Machine Design 2		C.E. 3b. Plane Surveying 2	
M.E. 127. M. E. Laboratory (Gas). 2		C.E. 124. Contracts & Specifications. 2	
M.E. 129. Aerodynamics II 3		M.E. 136. Steam Power Plants	2
M.E. 133. Steam Power Plants	3	M.E. 140. Pro-Seminar 1	
M.E. 141. Thermodynamics III ...	3	M.E. 142. Airplane Engines 2	
Elective*	5	M.E. 144. Heating & Ventilation ..	2
		M.E. 150. Thesis 3	
		Elective*	4
Total	18	Total	18

Total credits required, 145.

*Electives must be approved by the Dean of the College of Engineering.

CURRICULUM IN AGRICULTURAL ENGINEERING

Administered jointly by the Colleges of Engineering and Agriculture.

SOPHOMORE YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
Agron. 1. Gen. Crop Production ..	4	A.E. 132. Farm Machinery	2
C.E. 3. Plane Surveying	4	C.E. 4. Topo. Surveying	3
Math. 51. Calculus	4	C.E. 6. Mech. (Statics)	2
Mil. 3. Soph. Mil. 1½		Math. 52. Calculus	4
P.E. 33. Soph. Sports	½	Mil. 4. Soph. Mil. 1½	
Phys. 11. Engr. Physics	5	P.E. 34. Soph. Sports	½
		Phys. 12. Engr. Physics	5
Total	19	Total	18

JUNIOR YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
C.E. 101. Mechanics (Dynamics) ..	2	A.E. 112. Water Supply & San. ...	2
C.E. 103. Mech. of Materials	3	A.E. 133. Tractors & Trucks	2
C.E. 109. Materials Lab.	1	C.E. 102. Framed Structures	3
Econ. 115. Agr. Economics	3	C.E. 104. Hydraulics	3
Eng. 151. Engr. Reports	3	C.E. 106. Reinforced Concrete ...	2
M.E. 13. Mechanism	3	D.H. 2. Elements of Dairying ..	4
M.E. 121. Thermodynamics I	3	E.E. 22. Elem. Elec. Engr.	3
Total	18	Total	19

SENIOR YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
A.E. 105. Pro-Seminar	1	A.E. 106. Pro-Seminar	1
A.E. 161. Irri. Practice	2	A.E. 108. Farm Buildings	3
Agron. 51. Gen. Soils	4	A.E. 136. Mach. Meth. in Agr. ...	3
E.E. 133. D. C. Machinery	3	C.E. 124. Con. & Spec.	2
E.E. 137. E. E. Laboratory	2	E.E. 134. A. C. Machinery	3
Geol. 1. Gen. Geology	4	E.E. 138. E. E. Laboratory	2
Elective*	2	Elective*	4
Total	18	Total	18

Total credits required, 146.

*Electives must be approved by the Dean of the College in charge.

The College of Law

PENDLETON HOWARD, A.M., LL.B., PH.D.....*Dean of the College*

PURPOSES AND METHODS OF INSTRUCTION

THE College of Law was established in 1909. Its primary purpose is to afford a thorough and scientific legal education for students who are fitted by intellectual maturity and previous academic training to pursue professional study under university methods of instruction.

The curriculum covers a minimum period of three academic years and is designed to prepare students for the general practice of law in any American state. Some special attention is paid, however, to problems of local law in the western states.

The College of Law is conducted upon the theory that the teaching of law is a task requiring all the working time of well-trained legal scholars who have made special preparation for teaching. The members of the teaching staff do not practice law but give their entire time to instruction and research. Their practice of the law, which gives them an appreciation of the law in operation, has preceded their teaching.

The case system of instruction is used, supplemented by collateral reading, the examination of statutes and other source materials, the solution of problems, and the rendition of reports upon legal questions. The mere accumulation of information is subordinated to the more important ends of developing the faculties of the student and of training him in scientific habits of thought, at the same time imparting a thorough knowledge of the law as it actually functions.

APPROVAL BY THE AMERICAN BAR ASSOCIATION

In 1921 the American Bar Association adopted a resolution reading in part as follows:

- (1) The American Bar Association is of the opinion that every candidate for admission to the bar should give evidence of graduation from a law school complying with the following standards:
 - (a) It shall require as a condition of admission at least two years of study in a college.
 - (b) It shall require its students to pursue a course of three years' duration if they devote substantially all of their working time to their studies, and a longer course, equivalent in the number of working hours, if they devote only part of their working time to their studies.
 - (c) It shall provide an adequate library available for the use of the students.
 - (d) It shall have among its teachers a sufficient number giving their entire time to the school to insure actual personal acquaintance and influence with the whole student body.

The College of Law has complied with these requirements and is classified by the American Bar Association as an "approved law school."

MEMBER OF THE ASSOCIATION OF AMERICAN LAW SCHOOLS

The College of Law is a member of the Association of American Law Schools, an organization of more than seventy-five of the leading law schools of the United States and Canada. The Association was formed in 1900 with the object of improving legal education in America. Member schools are required to maintain certain high standards relating to entrance requirements, faculty, library and curriculum. It is generally recognized that the Association of American Law Schools and the Committee on Legal Education of the American Bar Association have been the primary forces during the past thirty-five years in the improvement of legal education in this country. They are the only accrediting agencies of law schools.

PREPARATION FOR THE STUDY OF LAW

The experience of law teachers is that the standing and progress of law students may, in general, be measured by the extent and quality of their pre-legal education. Those with sound and thorough preliminary education have an immense advantage in the study of law over those who lack such preparation.

Since the law touches every human interest, the College of Law does not consider it desirable to prescribe a rigid pre-legal course of study. In this it follows the judgment of the Association of American Law Schools. Among the many values to be derived from a college education, maturity of thought, judgment and expression is of peculiar importance to the study of law. Such maturity comes from rigorous intellectual discipline derived from the mastery of any study undertaken by the student, coupled with a sufficient knowledge of the history and development of English and American institutions and of modern civilization to appreciate the social, economic and political forces back of our legal system.

REQUIREMENTS FOR ADMISSION

Admission requirements are stated in Part II.

PRE-LEGAL COURSE

All students taking courses in the University preparatory to their entrance into the College of Law are requested to consult the Dean of that College before making their final choice of courses to be pursued during such preparatory work.

COMBINED ARTS AND LAW COURSE

A student may secure the degrees of Bachelor of Arts and Bachelor of Laws in six years under the following regulation of the College of Letters and Science. Any candidate for the Bachelor of Arts degree, who at the end of the Junior year has completed 98 semester hours and who has satisfied all other requirements of the College of Letters and

Science for this degree as specified on page 48, may in his Senior year take the full first year of the law course, and upon completion of the same be entitled to receive the degree of Bachelor of Arts. Upon satisfactory completion thereafter of two years of advanced law study, the degree of Bachelor of Laws will be conferred. The same scholarship requirements are in effect for this combined course as for regular admission to the College of Law. (See page 29.) No work included in the above 98 credits and counted toward the Bachelor of Arts degree may be counted again toward the LL.B. degree.

COMBINED BUSINESS AND LAW COURSE

The College of Law and the School of Business Administration offer a combined six-year curriculum leading to the degree of Bachelor of Science in Business at the end of four years and to the degree of Bachelor of Laws at the end of six years. Details with respect to this combination curriculum may be found on page 83. The same scholarship requirements are in effect for this combined course as for regular admission to the College of Law. (See page 29.)

ADMISSION TO ADVANCED STANDING

Students who have completed one or more years of study in approved law schools may apply for admission to advanced standing.

No credit will be given for work completed elsewhere than in standard law schools *while in residence at such schools*; therefore, no credit can be given for work done in a law office or by correspondence.

SPECIAL STUDENTS

In rare instances persons who cannot qualify as candidates for the degree of Bachelor of Laws may be admitted as special students on petition to the Committee on Admission approved by the faculty of the College of Law.

The applicant must show that he is unable to pursue such studies as will qualify him for admission as a regular student, and that he possesses such educational training and practical experience as will enable him to pursue the study of law satisfactorily. Application for permission to enter as a special student should be made in advance of the regular registration period.

It must be distinctly understood that such special students are not candidates for a degree in Law.

STUDENTS IN OTHER COLLEGES

Courses in Law are open to Junior and Senior students in the College of Letters and Science and in the other colleges, in which they will be credited according to their respective regulations. Before registering, students should consult the Dean of the College of Law.

TRIAL PRACTICE

The student organization of the College of Law, known as the Bench and Bar, holds regular meetings, when it is addressed by outstanding

lawyers and other professional men. This organization engages in the trial of at least one case each school year. The law faculty assists in drawing up legal papers and mapping out the general plan of procedure. The student is thus not only well grounded in the theory of the law, but has an opportunity to practice it in the trial of cases.

SPECIAL LECTURES

It is the policy of the College of Law to bring to the school each year expert practicing lawyers of the state for series of lectures in specialized subjects. Special lectures are given in the law of water rights, in mining law, in special phases of Idaho practice, and in office practice.

EQUIPMENT AND LIBRARY

ROOMS.—The College of Law occupies rooms set apart for its use in the Administration Building. These rooms include recitation rooms, offices for the members of the law faculty, the law library, and study rooms.

LIBRARY.—The law library and study rooms contain a growing law library of some twelve thousand volumes, including the standard digests, textbooks and encyclopedias of law; the statutes of the United States and of a majority of the American states; the reports of the Supreme Court of the United States and most of the state reports prior to the National Reporter System, *American Decisions*; *American Reports*; *American State Reports*; *Lawyers' Reports Annotated*; *American Law Reports*; *American and English Annotated Cases*; *English Ruling Cases*; *British Ruling Cases*; *American Negligence and Compensation Cases*; *English Common Law Reports*; *English Chancery Reports*; *Moak's English Reports*; *Law Journal English Reports*, and the *English Reprints*; the National Reporter System, including *Federal Cases*, the *Federal Reporter* and *New York Supplement*. In addition the library contains bound volumes of the leading legal periodicals, and such treatises and other materials as are adapted to general legal instruction, including works on legal history, legal philosophy and public international law.

REQUIREMENTS FOR GRADUATION AND DEGREE

Students who have complied with all the entrance requirements and have completed the prescribed first-year courses and have obtained 48 credits for advanced studies as prescribed by the following outlined courses or equivalents from other schools, and who have spent three years in the study of law at standard law schools, the last year of which at least having been spent in this school, will receive the degree of Bachelor of Laws (LL.B.) from the University, provided that at least three-fourths of the law credits offered are above grade D.

FEES AND EXPENSES

There is no tuition fee in the College of Law. General expenses are outlined in Part I.

CURRICULUM

The course of study covers three academic years. The prescribed first-year work is required of all students. Each student in the second and third years should take a minimum of twelve hours each semester and may not, during any semester, receive credit for more than fifteen hours.

In courses 101n-102, 105n-106, 111n-112, 201n-202, 207n-208, and 267n-268, no credits will be given for the work of the first semester until the work of the second semester is completed and an examination upon the entire course is passed.

CURRICULUM IN LAW

FIRST YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
Law 101n. Contracts	3	Law 102. Contracts	3
Law 105n. Criminal Law and Procedure	3	Law 106. Criminal Law and Procedure	2
Law 107. Court Organization	2	Law 112. Property	3
Law 109. Civil Procedure	3	Law 116. Torts	5
Law 111n. Property	3	Law 120. Legal Bibliography	1

SECOND AND THIRD YEARS

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
Law 201n. Equity	3	Law 202. Equity	3
Law 203. Persons	2	Law 208. Evidence	2
Law 207n. Evidence	2	Law 212. Wills	2
Law 217. Bills and Notes	3	Law 216. Titles	2
Law 231. Trial and Appellate Practice	3	Law 222. Sales	3
Law 235. Security	3	Law 232. Code Pleading	3
Law 251. Constitutional Law	4	Law 236. Creditors' Rights	3
Law 265. Business Associations I. .	4	Law 242. Municipal Corporations ..	3
Law 267n. Business Associations II.	3	Law 256. Conflict of Laws	3
Law 277. Administrative Law	3	Law 258. Trusts	4
Law 281. Research	2	Law 264. Public Utilities	3
		Law 268. Business Associations II. .	3
		Law 274. Taxation	3
		Law 282. Research	2
		Law 292. Mining Law	
		Law 294. Water Rights	
		Law 296. Office Practice	

The School of Mines

ARTHUR WILLIAM FAHRENWALD, B.S., E.M., Met.E.....*Acting Dean*

THE University of Idaho, situated in one of the foremost mining regions of the world, appropriately maintains courses in the technology of the mineral industries.

To enable this work to be carried off effectively, in August, 1917, a School of Mines was created as an administrative unit of the University, and its scope was indicated in the following language:

Within this school will be included the work in mining proper, in metallurgy, and in geology; and it shall include the exploitation of the non-metalliferous minerals (except road-making materials) as well as that of the precious and useful metals.

In accordance with these instructions, the School of Mines offers curricula leading to the degrees of Bachelor of Science in Mining Engineering, Metallurgical Engineering, Geological Engineering, and Geology. For requirements for the degrees of Master of Science in these branches and the professional degrees, E.M., Met.E., and Geol.E., see the description of The Graduate School.

ADVANTAGES OF LOCATION

The region within a radius of 300 miles from Moscow has produced, within the last 30 years, minerals and metals worth more than \$1,000,000,000. In this circle are located many famous mining camps, such as the Coeur d'Alene district, Silver City and DeLamar in Idaho; Baker City, Oregon; Butte, Philipsburg, Virginia City, Marysville, in Montana; Trail, Granby, and other districts in British Columbia. In the active mining centers the precious metals and the industrial metals are produced on a large scale by the most modern equipment, and scientific research is carried on continuously. Such notable operations afford invaluable opportunities to supplement instruction at the School by observation of the best technical practice.

Students in the geological curricula also can supplement classroom work by field study of famous mineral deposits. The state cannot be surpassed as a field for general geologic investigations. The section of sedimentary rocks ranges from Algonkian to Pleistocene. The igneous rocks are of unusual variety in age and character, pre-Cambrian intrusives, the great Idaho batholith with its numerous differentiates, the middle Tertiary and more recent lava flows that cover thousands of square miles of territory, and volcanic craters recently active. Nowhere else in the world can the relationship of ore deposition structure and igneous activities be studied to better advantage.

EQUIPMENT AND FACILITIES

The School of Mines equipment is conveniently described under the three heads of geology, mining, and metallurgy. In addition to the facilities

here mentioned the student has the use of the well-equipped laboratories of the departments of Mechanical, Electrical, and Civil Engineering, and of Chemistry and Physics, as well as opportunity for studies in the College of Letters and Science, and enjoys many cultural benefits not obtainable in isolated mining schools that are not connected with universities.

MINING ENGINEERING.—The equipment in mining includes models of mine workings and mine timbering, rock drills, mine surveying instruments, draughting tables and equipment, together with illustrative material for classroom study.

METALLURGICAL ENGINEERING.—The metallurgical ore dressing, and assay laboratories are among the most complete in the West and equipment includes apparatus for ore treatment by wet and dry processes; twelve double-muffle, oil-fired furnaces; a chemical laboratory; parting room and balance room; laboratory crushers; gyratory and jaw crushers; rolls and ball mills; disc pulverizers; screening equipment; several types of concentrating tables; flotation machines of various kinds; apparatus for leaching and agitation tests for gold and silver extraction; pyrometers; calorimeters; and other equipment.

GEOLOGY AND GEOLOGICAL ENGINEERING.—The geological laboratories, museum, and classrooms are in the geology building. Two laboratories are maintained for work in mineralogy, one for general mineralogy and blow-pipe analysis, and another for optical mineralogy and petrography. Working equipment includes representative minerals, both massive and crystalline, for comparative study; oriented thin sections of important rock-forming minerals; crystal models, thin sections, and hand specimens of rocks; natural crystals and artificial crystal models; more than 3,000 mineral specimens; over 2,000 rock specimens; 1,000 specimens illustrating ore deposits; a representative collection of fossils and casts; and equipment such as microscopes, thin-sectioning apparatus, projecting lanterns, and topographic and geologic maps.

SCHOOL OF MINES LIBRARY.—Mr. Joseph J. Taylor of Montpelier, one of the pioneer mining engineers of the West, gave to the School of Mines a number of years ago a small but select library of technical books and reports of great value, and upon this nucleus, through gifts and loans from other friends and members of the faculty, and exchanges of the State Bureau of Mines and Geology, an excellent departmental reference and research library has been built up to supplement the University Library for purposes of instruction.

GENERAL INFORMATION

FEES AND EXPENSES.—For a statement of fees and expenses, see Part I.

SPECIAL COURSES.—Special courses will be arranged for students of mature years according to their individual needs and ability.

FIELD GEOLOGY AND PRACTICAL MINING.—The Dean and faculty of the School aid students in securing employment in mining or geological field work during summer vacations. Required courses giving practice and instruction in the field are Geol. 130-131 and Min. 106-107.

GRADUATE FELLOWSHIPS.—Two graduate fellowships are generally offered, carrying an income of \$500 a year each, one in geology and one in metallurgy, the latter supported by the Idaho Bureau of Mines and Geology. Under the direction of Professor Fahrenwald and members of the Idaho Bureau of Mines and Geology staff, the metallurgy fellow carries on research work upon some of the urgent ore-treatment problems of Idaho or those of a general nature confronting the industry. The geology fellow, under the staff of the geology department, is assigned geologic research in field and laboratory, usually upon a problem connected with the mineral industry of the state.

THESIS.—Senior students are assigned individual investigation upon approved problems of their own choice and an acceptable thesis is a requirement for graduation.

THE JEROME J. DAY SCHOLARSHIP.—Mr. Jerome J. Day of Moscow has established in the School of Mines a loan scholarship to be awarded each year to seniors. Details of this scholarship will be found in Part I under "Scholarships and Prizes."

ADMISSION

For a statement of admission requirements see Part II.

CURRICULA

The courses offered rank with those of the leading mining schools of the country. By all taking the same work in the freshman year, and the majority in the sophomore year also, students have ample opportunity to make a deliberate and thoughtful choice of option as their ambitions become defined and their aptitudes tested.

The electives in the curricula must be approved by the Dean of the School at time of registration.

COMMON TO ALL OPTIONS

FRESHMAN YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
Chem. 1. General Chemistry	4	Chem. 2. General Chemistry	4
Eng. 1. English Composition	3	Eng. 2. English Composition	3
Geol. 1. Introductory Geology	4	Geol. 2. Historical Geology	4
Math. 1. Freshman Mathematics ..	4	Math. 2. Freshman Mathematics ..	4
Mil. 1. Freshman Military	1½	Mil. 2. Freshman Military	1½
Min. 1. Mineral Industry	1	Min. 2. Mineral Industry	1
P.E. 31. Freshman Sports	½	P.E. 32. Freshman Sports	½
Total	18	Total	18

COMMON TO ALL EXCEPT GEOLOGY OPTION

SOPHOMORE YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
C.E. 1. Engineering Drawing	3	C.E. 2. Descriptive Geometry ...	3
Geol. 53. General Mineralogy	3	C.E. 6. Mechanics (Statics)	2
Math. 51. Calculus	4	Geol. 54. General Mineralogy	3
Mil. 3. Sophomore Military	1½	Math. 52. Calculus	4
Phys. 11. Engineering Physics	5	Mil. 4. Sophomore Military	1½
P.E. 33. Sophomore Sports	½	Phys. 12. Engineering Physics	5
Total	17	P.E. 34. Sophomore Sports	½
		Total	19

CURRICULUM IN METALLURGICAL ENGINEERING**JUNIOR YEAR**

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
Chem. 51. Qualitative Analysis	4	Chem. 52. Quantitative Analysis ..	4
C.E. 3a. Plane Surveying	3	C.E. 4. Topographic Surveying ..	3
C.E. 101. Mechanics (Dynamics) ..	2	Econ. 54. Economics for Technical	
Eng. 151. Engineering Reports	3	Students	3
Geol. 107. General Petrology	2	Met. 102. General Metallurgy	2
Met. 105. Fire Assaying	2	Min. 106. Mine Surveying	3
Min. 101. Elements of Mining	3	Elective	4
Total	19	Total	19

SENIOR YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
E.E. 131. D. C. Machinery	3	E.E. 132. A. C. Machinery	2
Geol. 157. Geology of Ore Deposits. 4		Met. 106. Met. of Iron and Steel ..	1
Met. 103. General Metallurgy (Lab.) ..	1	Met. 110. Metallurgical Calc.	1
Met. 109. Metallurgical Calc.	1	Met. 112. Ore Dressing (Lab.)	2
Met. 111. Ore Dressing	2	Met. 116. Non-ferrous Metallurgy ..	2
Met. 115. Non-ferrous Metallurgy ..	2	Met. 196. Thesis	2
Met. 117. Metallurgical Plant Design ..	2	Min. 108. Mine Rescue and First Aid ..	1
Min. 107. Mine Surveying (Lab.) ..	1	Min. 110. Mining Economics	2
Elective	3	Elective	4
Total	19	Total	17

Total required for graduation, 146.

CURRICULUM IN MINING ENGINEERING**JUNIOR YEAR**

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
Chem. 51. Qualitative Analysis	4	Chem. 52. Quantitative Analysis ...	4
C.E. 3a. Plane Surveying	3	C.E. 4. Topographic Surveying ..	3
C.E. 101. Mechanics (Dynamics) ..	2	Econ. 54. Economics for Technical	
Eng. 151. Engineering Reports	3	Students	3
Geol. 107. General Petrology	2	Geol. 130. Geological Field Methods ..	2
Met. 105. Fire Assaying	2	Met. 102. General Metallurgy	2
Min. 101. Elements of Mining	3	Min. 106. Mine Surveying	3
Total	19	Total	17

SENIOR YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
E.E. 131. D. C. Machinery	3	E.E. 132. A. C. Machinery	2
Geol. 131. Geological Field Methods ..	2	Met. 106. Metallurgy of Iron & Steel ..	1
Geol. 157. Geology of Ore Deposits ..	4	Met. 112. Ore Dressing (Lab.)	2
Met. 111. Ore Dressing	2	Met. 116. Non-ferrous Metallurgy ..	2
Met. 115. Non-ferrous Metallurgy ..	2	Min. 108. Mine Rescue and First Aid ..	1
Min. 103. Mine Plant Design	3	Min. 110. Mining Economics	2
Min. 107. Mine Surveying (Lab.) ..	1	Min. 112. Mining Methods	3
Elective	3	Min. 198. Thesis	2
Total	20	Elective	3
Total	20	Total	18

Total required for graduation, 146.

CURRICULUM IN GEOLOGICAL ENGINEERING**JUNIOR YEAR**

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
Chem. 51. Qualitative Analysis	4	Chem. 52. Quantitative Analysis ..	4
C.E. 3a. Plane Surveying	3	C.E. 4. Topographic Surveying ..	4
C.E. 101. Mechanics (Dynamics) ..	2	Geol. 130. Geological Field Methods ..	2
Geol. 61. Structural Geology	3	Geol. 164. Petrography	3
Geol. 163. Optical Mineralogy	3	Min. 106. Mine Surveying	3
Min. 101. Elements of Mining	3	Elective	3
Total	18	Total	19

SENIOR YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
Eng. 151. Engineering Reports ...	3	Econ. 54. Econ. for Technical Students	3
Geol. 131. Geological Field Methods	2	Geol. 156. Mineragraphy	2
Geol. 157. Geology of Ore Deposits.	4	Geol. 158. Geology of Non-metalliferous Deposits.	3
Met. 105. Fire Assaying	2	Geol. 194. Thesis	2
Met. 111. Ore Dressing	2	Met. 102. General Metallurgy	2
Min. 107. Mine Surveying	1	Min. 110. Mining Economics	2
Elective	4	Min. 108. Mine Rescue and First Aid	1
		Elective	4
Total	18	Total	19

Total required for graduation, 146.

CURRICULUM IN GEOLOGY

SOPHOMORE YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
Bot. 1. General Botany	4	Bot. 54. Systematic Botany	3
or		or	
Zool. 1. General Zoology	(4)	Zool. 2. General Zoology	(4)
or		or	
Chem. 51. Qualitative Analysis	(4)	Chem. 52. Quantitative Analysis ..	(4)
C.E. 1. Engineering Drawing ..	3	C.E. 2. Descriptive Geometry ...	3
Geol. 53. General Mineralogy	3	Geol. 54. General Mineralogy	3
Mil. 3. Sophomore Military	1½	Mil. 4. Sophomore Military	1½
P.E. 33. Sophomore Sports	½	P.E. 34. Sophomore Sports	½
Elective	7	Elective	7 or 8
Total	19	Total	19

JUNIOR YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
C.E. 3a. Plane Surveying	3	C.E. 4. Topographic Surveying ..	3
Geol. 161. Structural Geology	3	Geol. 130. Geological Field Mech. ..	2
Geol. 163. Optical Mineralogy	3	Geol. 164. Petrography	3
Phys. 3. General Physics	4	Phys. 4. General Physics	4
Elective	6	Elective	5
Total	19	Total	17

SENIOR YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
Eng. 155. Technical Writing	3	Geol. 102. Advanced Stratigraphy ..	3
Geol. 101. Advanced Physiography ..	3	Geol. 156. Mineragraphy	2
Geol. 111. Intro. Paleontology	3	Geol. 158. Geology of Non-metalliferous Deposits	3
Geol. 131. Geol. Field Methods	2	Geol. 162. Sedimentation	3
Geol. 157. Geol. of Ore Deposits ..	4	Geol. 194. Thesis	2
Elective	3	Elective	4
Total	18	Total	17

Total required for graduation, 146.

The School of Forestry

RICHARD E. MCARDLE, PH.D. *Dean of the School*

THE School of Forestry of the University of Idaho was established in 1909, and was administered as a department until August, 1917, when it was organized as an independent school, thus placing it on a par with the other independent divisions of the University.

The School of Forestry has exceptional advantages for developing practical foresters and lumbermen. It is within a short distance of dense forests and some of the largest sawmills and logging camps in the United States, which show every phase of the lumber industry. Excursions are made to sawmills, logging camps, virgin and cut-over forests in order that practical field work may be had.

A large arboretum, comprising more than 150 species of trees, is maintained adjoining the University campus for studies in dendrology and silvics. A 27-acre forest nursery is managed by the School for the production of planting stock for windbreaks, farm woodlots, shade and ornamental trees which are sold to the people of the State at cost of production. A tract of 4,000 acres of forest land located about 15 miles from the campus is used as an experimental and demonstration forest. Modern and well-equipped laboratories are provided by the School or by the affiliated colleges. The School of Forestry is especially well fitted for laboratory work in forest pathology, wood technology and wood chemistry. Greenhouse space is available for germination tests and investigations in seedling growth. There are also two laboratories and a greenhouse for the study of white pine blister rust problems. Auto trucks are available for field trips.

FEES AND EXPENSES

For a statement of fees and expenses, see Part I.

ADMISSION REQUIREMENTS

For a statement of admission requirements, see Part II.

CURRICULA

Curricula are offered in the School of Forestry leading to the degree of Bachelor of Science in Forestry. (For requirements for the degree of Master of Science in Forestry see the announcement of the Graduate School). Three special curricula provide opportunities for specialization in all fields of forestry. The majority of the students elect the curriculum in "Forest Production" which is designed to give a thorough training in the basic sciences utilized by forestry. Liberal choice in electives permits the student, beginning in his junior year, to specialize in some phase of forest production such as Logging, Engineering, Forest Pathology, Forest

Economics or Fire Control Engineering. This curriculum prepares students for work in the U. S. Forest Service, with state governments and in private forestry.

The curriculum in "Wood Utilization" is designed to prepare men for technical or business service in lumber manufacturing and wood-using industries. A basic training in forestry and mechanical engineering is required of all students electing this curriculum but opportunity is given for specialization in either the technical or the business phases of lumber production and wood utilization. This is accomplished by electing courses in Economics, Business Law and Accounting if specialization in business is desired or by election of courses in Chemistry, Physics and related sciences if a more technical career is planned.

The curriculum in "Range Management" is designed to prepare students for all lines of grazing work with the U. S. Forest Service and with live-stock companies. This kind of forestry work recently has become outstandingly important and the demand for capable men trained in range management exceeds the supply.

All courses listed in the curricula outlines, except electives, must be taken by the student for graduation. The choice of electives is not restricted to those listed but so far as possible should be made from the recommended lists. The choice of electives must meet the approval of the Dean and the major professor in each case. The number of elective credits listed in any semester is the minimum number required; additional credits may be elected by students who have attained high standards of scholarship. Except by special permission, however, no student may enroll for more than 20 credits in one semester. No course numbered above 100 may be taken by freshmen and sophomores. Effective for students who entered in September, 1934, 142 credits are required for graduation. Students in all four-year curricula in the School of Forestry take the same work in the Freshman year, as follows:

COMMON FRESHMAN YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
Bot. 1. General Botany	4	Bot. 2. General Botany	4
C.E. 2. Engineering Drafting	3	Eng. 2. English Composition	3
Eng. 1. English Composition	3	For. 2. General Forestry	2
For. 1. General Forestry	2	For. 10. Dendrology	4
Math. 1. Freshman Mathematics ..	4	Math. 2. Freshman Mathematics ..	4
Mil. 1. Freshman Military	1½	Mil. 2. Freshman Military	1½
P.E. 31. Freshman Sports	½	P.E. 32. Freshman Sports	½
Total	18	Total	19

CURRICULUM FOR FOREST PRODUCTION

SOPHOMORE YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
C.E. 3a. Plane Surveying	3	C.E. 4. Topographic Surveying.	3
Chem. 1. General Chemistry	4	Chem. 2. General Chemistry	4
Econ. 51n. Principles of Economics.	3	Econ. 52. Principles of Economics.	3
For. 25. Forest Planting	2	For. 74. Forest Economics	3
Mil. 3. Sophomore Military ...	1½	Mil. 4. Sophomore Military ...	1½
Phys. 3. General Physics	4	Phys. 4. General Physics	4
P.E. 33. Sophomore Sports	½	P.E. 34. Sophomore Sports	½
Total	18	Total	19

JUNIOR YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
Bot. 101. Plant Physiology	4	For. 124. Silviculture	4
For. 131. Wood Technology	4	For. 144. Forest Mensuration	3
For. 143. Forest Mensuration	3	For. 190. Forest Research Methods	2
For. 151. Range Management	3	Geol. 1. Introductory Geology	4
For. 163. Forest Pathology	3	Electives	4
Total	17	Total	17

SENIOR YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
For. 101. Field Trip	0	For. 136. Wood Industries	3-4
For. 133. Logging	3	For. 176. Forest Management	2
For. 167. Fire Prevention and Control	3	For. 194. Forest Research	2
For. 175. Forest Management	3	For. 196. Pro-seminar	1
For. 195. Pro-seminar	1	Electives	8-9
Electives	7	Total	17
Total	17	Total	17

Total Credits 142
Required Forestry Credits 54

RECOMMENDED ELECTIVES

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
Agron. 51. General Soils	4	Bot. 54. Systematic Botany	3
Bot. 53. Systematic Botany	3	Bot. 102. Plant Physiology	4
Bot. 105. Plant Ecology	3	Bot. 112. Taxonomy of the Fungi	3
Bot. 111. Morphology of the Fungi	4	Bus. 82. Principles of Accounting	3
Bus. 81. Principles of Accounting	3	Bus. 166. Business Law	3
Bus. 113. Statistics	3	Eng. 155. Technical Writing	3
Bus. 165. Business Law	3	For. 138. Seasoning and Preservation	3
Eng. 155. Technical Writing	3	For. 152. Advanced Range Management	3
Ent. 101. General Entomology	3	For. 182. Forest Improvements	2
For. 53. Recreational Uses of the Forest	3	For. 186. Forest Administration	2
For. 125. Advanced Silviculture	2	Phys. 106. Meteorology	3
For. 135. Chemical Utilization of Wood	3	P.P. 102. Methods in Plant Pathology	2
For. 159. Game Conservation	3	Zool. 152. Photographic Technique	2
Phys. 105. Meteorology	3	German or French	3-4
P.P. 101. General Plant Pathology	3		
Zool. 151. Photographic Technique	2		
German or French	3-4		

CURRICULUM FOR WOOD UTILIZATION

SOPHOMORE YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
Bus. 27. Business Organization ..	3	Chem. 2. General Chemistry	4
Chem. 1. General Chemistry	4	C.E. 2. Descriptive Geometry	3
Math. 51. Calculus	4	Math. 52. Calculus	4
Mil. 3. Sophomore Military	1½	Mil. 4. Sophomore Military	1½
Phys. 11. Engineering Physics	5	Phys. 12. Engineering Physics	5
P.E. 33. Sophomore Sports	½	P.E. 33. Sophomore Sports	½
Total	18	Total	18

JUNIOR YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
Econ. 51n. Principles of Economics ..	3	C.E. 6. Mechanics (Statics)	2
For. 131. Wood Technology	4	Econ. 52. Principles of Economics ..	3
For. 143. Forest Mensuration	1	For. 74. Forest Economics	3
For. 163. Forest Pathology	2	For. 190. Forest Research Methods ..	2
M.E. 121. Thermodynamics	3	M.E. 128. Mechanical Engineering Laboratory	2
Electives	4	Electives	5
Total	17	Total	17

SENIOR YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
C.E. 101. Mechanics (Dynamics) ..	2	E.E. 132. A. C. Machinery	2
C.E. 103. Mechanics of Materials ..	3	For. 136. Wood Industries	3
C.E. 109. Materials Testing		For. 138. Seasoning and	
Laboratory	1	Preservation	3
E.E. 131. D. C. Machinery	3	For. 194. Forest Research	2
For. 101. Field Trip	0	For. 196. Pro-seminar	1
For. 133. Logging	3	Electives	6
For. 135. Chemical Utilization of			
Wood	3		
Electives	3		
Total	18	Total	17
Total Credits		142	
Required Forestry Credits		35	

RECOMMENDED ELECTIVES

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
Bot. 101. Plant Physiology	4	Bot. 104. Plant Anatomy	3
Bus. 81. Principles of Accounting ..	3	Bus. 82. Principles of Accounting ..	3
Bus. 113. Statistics	3	Bus. 124. Financial Administration ..	3
Bus. 165. Business Law	3	Bus. 134. Industrial Management ..	3
Bus. 167. Government Regula-		Bus. 166. Business Law	3
tion of Business	3	Bus. 194. Business Conditions	3
Bus. 193. Business Conditions	3	C.E. 3b. Plane Surveying	2
Chem. 51. Qualitative and Gravi-		C.E. 104. Hydraulics	3
metric Analysis	4	Chem. 52. Quantitative Analysis	4
Chem. 101. Organic Chemistry	4	Chem. 102. Organic Chemistry	4
Econ. 105. Money and Banking	3	Chem. 108. Industrial Chemistry	2
Eng. 155. Technical Writing	3	Econ. 112. Labor Problems	3
M.E. 3. Machine Shop	2	Econ. 152. Advanced Economic	
M.E. 5. Machine Drawing	2	Theory	3
M.E. 13. Mechanism	3	Eng. 155. Technical Writing	3
Zool. 151. Photographic Technique ..	2	M.E. 122. Thermodynamics II	3
German or French	3-4	M.E. 124. Machine Design	2
		Phys. 152. Advanced Heat	3
		Zool. 152. Photographic Technique ..	2
		German or French	3-4

CURRICULUM FOR RANGE MANAGEMENT

SOPHOMORE YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
Bot. 53. Systematic Botany	3	Bot. 54. Systematic Botany	3
Chem. 1. General Chemistry	4	Chem. 2. General Chemistry	4
C.E. 3a. Plane Surveying	3	C.E. 4. Topographic Surveying	3
Econ. 51n. Principles of Economics ..	3	Econ. 52. Principles of Economics ..	3
Mil. 3. Sophomore Military	1½	Geol. 1. Introductory Geology	4
P.E. 33. Sophomore Sports	½	Mil. 4. Sophomore Military	1½
Zool. 1. General Zoology	4	P.E. 34. Sophomore Sports	½
Total	19	Total	19

JUNIOR YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
A.H. 1. Livestock Industry	4	Chem. 54. Carbon Compounds	3
For. 25. Forest Planting	2	For. 74. Forest Economics	3
For. 131. Wood Technology	4	For. 152. Advanced Range	
For. 151. Range Management	3	Management	3
Phys. 3. General Physics	4	For. 190. Research Methods	2
		For. 100. Field Trip	0
		Phys. 4. General Physics	4
		Electives	3
Total	17	Total	18

SENIOR YEAR

FIRST SEMESTER			SECOND SEMESTER		
Course		Credits	Course		Credits
Agron. 51.	General Soils	4	Bot. 102.	Plant Physiology	4
Bot. 101.	Plant Physiology	4	For. 144.	Forest Mensuration	3
Bot. 105.	Plant Ecology	3	For. 194.	Forest Research	2
For. 175.	Forest Management ..	3	For. 196.	Pro-seminar	1
For. 195.	Pro-Seminar	1	Electives		5
	Electives	2			
Total		17	Total		15
Total Credits			142		
Required Forestry Credits			35		

RECOMMENDED ELECTIVES

FIRST SEMESTER			SECOND SEMESTER		
Course		Credits	Course		Credits
Bot. 207.	Advanced Taxonomy	1-3	A.H. 70.	Sanitary Science	1
Bus. 113.	Statistics	3	Bot. 206.	Advanced Plant Ecology. 3	
Bus. 81.	Principles of Accounting. 3		Bot. 208.	Advanced Taxonomy ...	1-3
Eng. 155.	Technical Writing	3	Bus. 82.	Principles of Accounting. 3	
For. 159.	Game Conservation	3	Eng. 155.	Technical Writing	3
	German or French	3-4	For. 124.	Silviculture	4
				German or French	3-4

The School of Education

JAMES FRANKLIN MESSENGER, PH.D. *Dean of the School*
BERNICE MCCOY, M.S.(ED.) *Secretary of the School Faculty*

THE organization of the School of Education as an independent unit of the University of Idaho was authorized by the Board of Regents in June, 1920.

The work of the School consists in training high school teachers, principals, superintendents, and supervisors. The services of the School are at the disposal of teachers who wish to improve themselves while in service, of school trustees who wish assistance in securing teachers and of teachers who wish to secure positions in the high schools of the State.

EXPENSES.—For a statement of fees and expenses, see Part I.

PRACTICE TEACHING.—The public high school of the city of Moscow is used for practice teaching. Actual schoolroom conditions are thus provided for observation and for practice.

ADMISSION.—Students who have completed two years in an accredited college or normal school will be admitted to Junior standing. Graduates of a four-year high school accredited by the State Board of Education or by some other recognized agency will be admitted to Freshman standing.

DEGREE.—Upon completion of all requirements the degree of Bachelor of Science in Education will be given. For the curriculum in Public School Music, the degree of Bachelor of Science in Music Education. Requirements for the degree, Master of Science in Education, are stated in the description of work of the Graduate School.

CERTIFICATES.—Graduates of the School of Education receive a State high school teacher's certificate, issued by the State Board of Education upon recommendation of the Dean. It is common also for other states to accept this recommendation and issue certificates. The number of credits in Education required for a certificate in the different states varies from 15 to 24. All students must complete the course in Idaho Law, Manual, and Civics.

POSITIONS.—The University maintains a Placement Bureau for securing positions for teachers. No charge is made for this service. The first thought is for the home State, but many calls come from other states, and when students wish to go elsewhere assistance is cheerfully given to them. Graduates are urged to keep in touch with the School in order to be in line for deserved promotions.

ELEMENTARY CERTIFICATE.—For the benefit of those students who cannot remain in college for the four years consecutively, a student who completes two years of work in the School of Education, including 10 credits in Education, may receive a state elementary certificate upon recommendation of the Dean.

SCHOOL OF EDUCATION

Required of all candidates for the B.S.(Ed.) degree.

Course	Credits	Course	Credits
Eng. 1-2. Composition	6	Ed. 11. Student Problems	1
Psych. 1. General Psychology	4	Ed. 107. History of Education	3
Psych. 2. Educational Psychology ..	3	Ed. 108. Educational Sociology	3
Mathematics or some other science..	4	Ed. 113. Secondary Education	3
History, Political Science, Social Science, or Philosophy	6	Ed. 114. High School Methods	3
P.E. or Military	6-8	Ed. 131. Practice Teaching†	3
Ed. 1. Introduction to Education..	2	Ed. 55. Idaho Law, Manual and Civics	2

GENERAL CURRICULUM IN EDUCATION

In addition to the courses required of all students, each student must choose two teaching subjects from the following fields: Art, Botany, Chemistry, Commerce, Economics, English, Dramatics and Public Speaking, French, German, General Science, History, Journalism, Latin, Mathematics, Manual Training, Music, Physical Education, Political Science and Sociology, Physics, Psychology, Spanish, Zoology.

The minimum requirements in teaching subjects will be as follows: In English and foreign languages, 18 hours beyond the elementary course. By "elementary course" in foreign language is meant two years in high school or one year in college. In all other subjects the minimum is 18 hours of college work. If history is elected it should include both American and European.

Thirty-six semester credits are required in courses numbered above 100.

CURRICULUM IN COMMERCIAL EDUCATION

In addition to the courses required of all students, the following courses constitute the curriculum in Commercial Education:

Course	Credits	Course	Credits
Econ. 51n-52. Principles of Economics	6	Bus. 165-166. Business Law	6
Bus. 15n-16. Gregg Shorthand ...	6-8	Bus. 191. Meth. in Commercial Teaching	3
Bus. 71-72. Advanced Dictation ..	6	Bus. 169. Marketing	4
Bus. 76. Office Practice	2	Bus. 124. Financial Administra- tion	4
Bus. 81-82. Principles of Account- ing	6	Each student should elect courses which will prepare him to teach at least one other high school subject.	

CURRICULUM IN PHYSICAL EDUCATION FOR WOMEN

In addition to the courses required of all students, the following courses constitute the curriculum in Physical Education for Women:

Course	Credits	Course	Credits
Zool. 1. General Zoology	4	P.E. 102. Playground Supervision	2
Zool. 6. Physiology	3	P.E. 105. Teaching Folk Dancing	1
Zool. 55-56. The Human Body	4	P.E. 106. Pageantry and Festivals	2
P.E. 9-10. Beginning Dancing ...	2	P.E. 121.*Teaching Corrective Gymnastics	2
P.E. 11. Danish Gymnastics ...	1	P.E. 122.*Teaching of Hygiene .	2
P.E. 12. Apparatus and Tumbling	1	P.E. 125-126. Management of Women's Athletics .	4
P.E. 17-18. Individual and Leisure Time Sports	2	P.E. 127-128.*Methods of Gymnastic Teaching	4
P.E. 19-20. Women's Athletics ...	2	P.E. 188. First Aid	2
P.E. 21-22. Clog and Tap Dancing.	2	Second Teaching Subject	18
P.E. 47. History of P.E.	2		

†Those who have had satisfactory experience in teaching may substitute an elective course in Education for Practice Teaching.

*Offered only in alternate years; therefore, special attention must be paid to taking P.E. 121-122 or P.E. 127-128 in the Junior year.

CURRICULUM IN PHYSICAL EDUCATION FOR MEN

In addition to the courses required of all students, the following courses constitute the curriculum in Physical Education for Men:

Course	Credits	Course	Credits
Bact. 54. Public Health	3	P.E. 132. Corrective Physical Ed. .	2
P.E. 41-42. Freshman Activities . .	4	P.E. 141. Theory of Coaching Track	
P.E. 43-44. Sophomore Activities . .	4	and Basketball	2
P.E. 47. History of Physical Ed. .	2	P.E. 142. Theory of Coaching Foot-	
P.E. 48. Principles of Physical Ed. .	2	ball and Baseball	2
Zool. 1. General Zoology	4	P.E. 184. Playground and Recreation	2
Zool. 6. Physiology	3	P.E. 185. Psychology of Exercise ..	2
P.E. 81, 82, 83, or 84, Participation		P.E. 188. First Aid	2
in Football, Basketball		P.E. 196. Organization and	
or Track	2	Administration	3
P.E. 131. Technique of Teaching		Zool. 55-56. The Human Body ...	4
Activities	2	Second Teaching Subject	18

CURRICULUM IN PUBLIC SCHOOL MUSIC

Required of all candidates for the B.S.(Mus.Ed.) degree.

Course	Credits	Course	Credits
Eng. 1-2. Composition	6	Mus. 11-12. Sight Singing and	
Psych. 1. General Psychology	4	Ear Training	4
Psych. 2. Educational Psychology .	3	Mus. 5-6. Advanced Harmony .	4
One other Science	4	Mus. 13-14. Keyboard Harmony .	2
History, Political Science, Social		Mus. 101-102. History of Music .	4
Science, or Philosophy	6	Mus. 103-104. Form and Analysis .	4
P.E. or Military	6-8	Mus. 55-56. Music Appreciation .	2
Ed. 1. Introduction to Education	2	Mus. 105-106. Counterpoint	4
Ed. 11. Student Problems	1	Mus. 111-112. Instrumentation	4
Ed. 107. History of Education ...	3	Mus. 171-172. Elementary School	
Ed. 113. Secondary Education ...	3	Music	4
Ed. 55. Idaho Law, Manual, and		Mus. 173-174. Class String Instru-	
Civics	2	ment Teaching	4
Ed. 131a. Practice Teaching—Music	3	Mus. 175-176. Class Wind Instru-	
Mus. 1-2. Sight Singing and Ear		ment Teaching	4
Training	4	Mus. 177-178. High School Music ..	4
Mus. 3-4. Elementary Harmony ..	4	Mus. 179-180. Conducting	2
Applied Music	16	Each student should elect courses which	
Ensemble (35-36 or 45-46)	4	will prepare him to teach at least one	
		other high school subject.	

AGRICULTURAL EDUCATION

Students in the College of Agriculture may secure state certificates by completing fifteen credits in Education under the direction of the professor of agricultural education. For Smith-Hughes work the following courses in Education are required:

Course	Credits	Course	Credits
Ag.Ed. 151. Vocational Education .	2	Ag.Ed. 155. Observation and Practice	
Ag.Ed. 152. Beginning Methods ...	2	Teaching	3-5
Ag.Ed. 153. Advanced Methods ...	3	Ag.Ed. 158. Auxiliary Problems ...	2
		Ed. 55. Idaho Law, Manual and	
		Civics	2

HOME ECONOMICS

Students in the Department of Home Economics may secure state certificates by completing the following courses in Education:

Course	Credits	Course	Credits
Ed. 55. Idaho Law, Manual and		H.Ec. 152. Methods of Teaching	
Civics	2	Home Economics	2
Ed. 59. Principles of Teaching ...	3	H.Ec. 153. Methods in Related Art	
Ed. 113. Secondary Education	3	and Science	2
		H.Ec. 157. Observation and Teach-	
		ing in Home Economics	4

The School of Business Administration

RALPH HUNTER FARMER, A.B. *Dean of the School*
*ELLEN REIERSON, M.S.(Ed.) *Secretary*

THE development of instruction in the field of business is a matter of comparatively recent growth at the University of Idaho. Although instruction in Economics and Political Science has been given since 1901, it was not until 1925 that the separate School of Business Administration was created. Beginning in the fall of 1929 the School became a Senior College, enrolling only students in their third and fourth years of University work. Students preparing for the specialized study of business in their last two years are registered in the University Junior College for their first two years. In these two years they devote approximately two-thirds of their time to general courses, and one-third to certain preliminary courses in business.

FEES AND EXPENSES

For a statement of fees and expenses, see Part I.

ADMISSION

For a statement of the requirements for admission to the University from high school or secondary school, see Part II of the catalog. Students may be admitted to the University Junior College or to the Southern Branch without any high school units in foreign language, but before entrance into the School of Business Administration, such students must complete the equivalent of two units of high school foreign language. See tables in Part II.

Students are admitted to the School of Business Administration only after the completion of two years' work in the University of Idaho or in another approved college or university.

BUSINESS CURRICULUM IN JUNIOR COLLEGE

Students who plan to enter the School of Business Administration should enroll in the Business Curriculum (see page 92) in the University Junior College or in the Southern Branch.

THE FIVE MAJORS

GENERAL BUSINESS.—This major is intended for those students who prefer all-around training in business to specialization in one field. Because of its importance in all phases of business activity special emphasis is placed on finance in this major.

ACCOUNTING.—This field, in common with many others requiring specialized training, offers many opportunities for the college man and woman. The course includes three years' instruction beyond the Freshman year, with emphasis on cost accounting, corporation accounting, auditing, and public accounting.

COMMERCE.—The major in Commerce is planned primarily for those students contemplating a career in the merchandising field.

*On leave, 1934-35.

Certain modifications of this major will be arranged for those wishing to prepare for advertising or for foreign trade.

THE EXTRACTIVE INDUSTRIES.—The fact that the University is the only state-supported, degree-granting institution in the State makes it possible to offer a series of business majors in combination with the basic applied sciences—Agriculture, Engineering, Forestry, Mining, and the like. It is true that most students interested in the above fields find it advantageous to pursue an intensive scientific course in the respective College or School offering such work. On the other hand there are always some whose major interest is in business, but who foresee an opportunity to apply their training in some one of the extractive industries. In this last group of majors, the School of Business Administration offers opportunities for such combined study.

SECRETARIAL SCIENCE.—There are many opportunities for young men and women with a thorough secretarial training. The amount of responsibility and detailed work that devolves on the modern executive makes it necessary for him to have trained secretaries to whose hands he can entrust much of the routine. This field also affords teaching opportunities.

COMBINATION CURRICULUM IN BUSINESS AND LAW

For students who want a fundamental training in both business and law, a combination curriculum is available. Students in this curriculum register in the Junior College for the first two years, in the School of Business Administration for the third, and in the College of Law for the last three. The degree of Bachelor of Science in Business is conferred upon the completion of the required courses of the first four years and the degree of Bachelor of Laws at the end of the full six years. The courses to be taken in the first two years in the Junior College are stated on page 92. The requirements of the third and fourth years are outlined in the table below. The fifth and sixth years, which are the same as the second and third years of the College of Law curriculum, may be found on page 68.

THIRD YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
Bus. 113. Statistics	3	Bus. 124. Financial Administration ..	3
Bus. 169. Marketing	4	Bus. 182. Advanced Accounting ...	3
Bus. 181. Advanced Accounting ..	3	Econ. 106. Money and Banking ...	3
Econ. 105. Money and Banking	3	Bus. or Econ. Elective	3
Law 101n. Contracts	3	Law. 102. Contracts	3
		Elective	1
Total	16	Total	16

FOURTH YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
Bus. 193. Business Conditions	3	Econ. 152. Advanced Economic Theory	3
Law 105n. Criminal Law and Procedure	3	Law 106. Criminal Law and Procedure	2
Law 107. Court Organization	2	Law 112. Property	3
Law 109. Civil Procedure	3	Law 116. Torts	5
Law 111n. Property	3	Law 120. Legal Bibliography	1
Total	14	Total	14

DEGREE

The degree, Bachelor of Science in Business, B.S.(Bus.), is conferred on all students satisfactorily completing any one of the five majors in the School of Business Administration or the first four years of the combined Business and Law Curriculum. In addition, the requirements for admission to the School of Business Administration as stated above must be satisfied.

CURRICULA

Below are stated the requirements in each of the five major fields of study. In addition to the specified requirements in the Accounting, Commerce, Extractive Industries, and General Business majors, all students who have not taken Bus. 81-82, Accounting, or its equivalent in the Junior College must take this course in their Junior year. In the Extractive Industries major the term *Technical Electives* refers to courses in Agriculture, Forestry, or Mining.

ACCOUNTING

JUNIOR YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
Econ. 113. Statistics	3	Bus. 124. Financial Administration ..	3
Bus. 181. Advanced Accounting ..	3	Bus. 182. Advanced Accounting ..	3
Bus. 185n. Cost Accounting	2	Bus. 186. Cost Accounting	2
Econ. 105. Money and Banking ..	3	Econ. 106. Money and Banking ..	3
Law 101n. Contracts	3	Law. 102. Contracts	3
Elective	2	Elective	2
Total	16	Total	16

SENIOR YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
Bus. 169. Marketing	4	Bus. 184. Income Tax Accounting ..	3
Bus. 183. Auditing	3	Bus. 188. C.P.A. Problems	2
Bus. 187. C.P.A. Problems	2	Econ. 152. Advanced Economic	
Eng. 153. Business Writing	3	Theory	3
Law 265. Business Association ...	4	Bus. or Econ. Elective	3
		Elective	5
Total	16	Total	16

COMMERCE

JUNIOR YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
Bus. 107. Transportation	3	Bus. 124. Financial Administration ..	3
Bus. 113. Statistics	3	Bus. 132. Sales Management	3
Bus. 169. Marketing	4	or	
Bus. 181. Advanced Accounting ..	3	Bus. 141. Foreign Trade	3
or		Bus. 182. Advanced Accounting ..	3
Bus. 185n. Cost Accounting	2	or	
Econ. 105. Money and Banking ..	3	Bus. 186. Cost Accounting	2
Elective	1-0	Econ. 106. Money and Banking ..	3
		Elective	5-4
Total	16	Total	16

SENIOR YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
Bus. 129. Retail Merchandising ..	3	Bus. 130. Retail Merchandising ..	3
Bus. 165. Business Law	3	Bus. 166. Business Law	3
Bus. 175. Advertising	3	Bus. 194. Business Conditions	3
Bus. 193. Business Conditions ...	3	Econ. 152. Advanced Economic	
Eng. 153. Business Writing	3	Theory	3
Elective	1	Elective	4
Total	16	Total	16

EXTRACTIVE INDUSTRIES**JUNIOR YEAR**

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
Bus. 113. Statistics	3	Bus. 124. Financial Administration	3
Bus. 169. Marketing	4	Econ. 106. Money and Banking ...	3
Econ. 105. Money and Banking ..	3	Technical Electives	5
Technical Electives	5	Elective	5
Elective	1		
Total	16	Total	16

SENIOR YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
Bus. 165. Business Law	3	Bus. 166. Business Law	3
Bus. 193. Business Conditions ...	3	Bus. 194. Business Conditions ...	3
Eng. 153. Business Writing	3	Econ. 152. Advanced Economic Theory	3
Technical Electives	5	Technical Electives	5
Elective	2	Elective	2
Total	16	Total	16

GENERAL BUSINESS**JUNIOR YEAR**

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
Bus. 113. Statistics	3	Bus. 124. Financial Administration ..	3
Bus. 169. Marketing	4	Bus. 182. Advanced Accounting ..	3
Bus. 181. Advanced Accounting ..	3	Econ. 106. Money and Banking ...	3
Econ. 105. Money and Banking ...	3	Business or Economics Elective ...	3
Business or Economics Elective ..	3	Elective	4
Total	16	Total	16

SENIOR YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
Bus. 165. Business Law	3	Bus. 136. Investments	3
Bus. 193. Business Conditions ...	3	Bus. 166. Business Law	3
Eng. 153. Business Writing	3	Bus. 194. Business Conditions ...	3
Business or Economics Elective ..	3	Econ. 152. Advanced Economic Theory	3
Elective	4	Elective	4
Total	16	Total	16

SECRETARIAL**JUNIOR YEAR**

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
Bus. 81. Accounting	3	Bus. 76. Office Practice and Procedure	2
Bus. 169. Marketing	4	Bus. 82. Accounting	3
Econ. 105. Money and Banking ...	3	Bus. 106. Money and Banking ...	3
Eng. 153. Business Writing	3	Business and Economics Elective ...	3
Elective	3	Elective	5
Total	16	Total	16

SENIOR YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
Bus. 113. Statistics	3	Bus. 124. Financial Administration ..	3
Bus. 165. Business Law	3	Bus. 162. Office Management ...	2
Business and Economics Elective ..	6	Bus. 166. Business Law	3
Elective	4	Econ. 152. Advanced Economic Theory	3
Total	16	Elective	5
		Total	16

The Graduate School

GRADUATE COUNCIL

CHARLES WILLIAM HUNGERFORD, PH.D. *Professor of Plant Pathology, Dean*
JAMES FRANKLIN MESSENGER, PH.D. *Dean of the School of Education*
RALPH HUNTER FARMER, A.B. *Dean of the School of Business Administration*
ERNEST EVERETT HUBERT, PH.D. *Professor of Forestry*
JOHN HUGO JOHNSON, E.E. *Professor of Electrical Engineering*
ARTHUR WILLIAM FAHRENWALD, MET.E. *Professor of Metallurgy and Ore Dressing, and Acting Dean, School of Mines*
GEORGE MOREY MILLER, PH.D. *Professor of English*
ELLA LETITIA OLESEN, Registrar *Secretary*

THE aim of the Graduate School is to promote in the student initiative and self-direction in study. To this end the School proposes: (a) to provide for a freer and more intimate association with mature scholars; (b) to afford the student opportunity for the independent use of laboratory and library facilities; (c) to guide him in the integration of knowledge from various fields for new ends; and (d) to introduce the student into the methods of original investigation.

ORGANIZATION

The graduate work is administered by the Graduate Council, which consists of the Dean of the Graduate School and six members appointed by the President from the various academic divisions of the University. The scope of the Graduate School covers graduate study throughout the University. More than 35 departments offer majors towards the master's degree. Many of the departments offer several majors and thus the opportunities for specialization are extensive.

FACILITIES

The University in its library and laboratory facilities is equipped for the necessary advanced study and research required for the master's degree. Although it does not at the present offer work leading to the doctor's degree, many students are finding it to their advantage to take work beyond the master's degree. Credits thus secured may be transferred to other graduate schools or used at the University of Idaho at some future date when the doctor's degree is granted.

GRADUATE FELLOWSHIPS AND SCHOLARSHIPS

For the promotion of graduate study and research the University of Idaho awards a number of fellowships, teaching fellowships, and scholarships.

The holders of these fellowships and scholarships pay no fees except the late registration fee, but are required to give limited assistance in the

Sample Registration Card

Name in Full..... Date.....
 (Give full name in usual order. Underscore given name commonly used.)

Moscow Address..... Telephone No.....

Parent or Guardian..... Address.....
 Number and Street City State

College or School..... Curriculum..... Class..... Major.....

Subject	Course No.	Sec. No.	COURSE TITLE	Credit Hours	Grades		Time—Period							Room
					Mid-Sem.	Final	M	T	W	Th	F	S		
Geol	1	C	Geology Geol	4			1		2 ³⁰		1		VC B101 Dept 1-2	
Chem	1	I	General Chem	4			2				2		Sc 110	
Math	1		Freshman Math	4			3	3		3	3			
mil	1	B	First Year Basic	1 1/2			4			4	4		MG 101	
PE	31		Fresh Sports	1/2									MG	
Eng	1		Eng Comp.	3										
mln	1		mln And	1				4						
* Reg for desired section for Chem Lab + Quiz Lec														

No. of hours outside work per week.....

Dean

work of the department of their principal study—not, however, to such an extent as to interfere with their graduate work. The fellowships and scholarships are open to graduates of any university or college of recognized standing. Holders of teaching fellowships will not, under normal circumstances, find it possible to complete their requirements for the master's degree in less than two years.

ADVANCED DEGREES

The following advanced degrees are offered: Master of Arts, M.A.; Master of Science, M.S.; Master of Science in Forestry, M.S.(For.); Master of Science in Agriculture, M.S.(Agr.); Master of Science in the respective branches of Engineering, e.g., M.S.(C.E.), etc.; Master of Science in Metallurgical Engineering, M.S.(Met.E.); Master of Science in Mining Engineering, M.S.(E.M.); Master of Science in Geological Engineering, M.S.(Geol.E.); Master of Science in Geology, M.S.(Geol.); Master of Science in Education, M.S.(Ed.); Master of Science in Home Economics, M.S.(H.Ec.); Master of Science in Business, M.S.(Bus.); Master of Music, M.M.; and Master of Science in Music Education, M.S.(Mus.Ed.).

PROFESSIONAL DEGREES IN ENGINEERING

The professional degrees in engineering—Civil Engineer (C.E.), Mechanical Engineer (M.E.), Electrical Engineer (E.E.), Chemical Engineer (Ch.E.), Agricultural Engineer (A.E.), Engineer of Mines (E.M.), and Metallurgical Engineer (Met.E.)—may be granted to graduates of the College of Engineering, or the School of Mines of the University of Idaho upon the submission of an approved thesis, and after five years of professional experience, one year of which must have been spent in responsible charge of work.

REGULATIONS

ADMINISTRATION.—All graduate students whose cases come under the accepted regulation are dealt with directly by the chairman and secretary of the Graduate Council. Exceptional cases or those from which an appeal is taken are referred to the Council for action.

ADMISSION.—A graduate of the University of Idaho or of another institution which has equivalent requirements for the first degree may be admitted to the Graduate School and become a candidate for the master's degree. Certified credentials covering all previous work must be submitted with application for admission.

REGISTRATION.—A graduate student must have completed his admission and registration within three weeks after the beginning of any semester or summer session in order to count that session toward the residence requirement for his degree. Failure to complete registration within this time will involve the payment of the late registration fee.

PARTIAL ENROLLMENT.—A senior who desires to do graduate work during his last semester in the University is required to make application

to the Dean of the Graduate School in advance, and may be counted as a graduate student in partial enrollment if he has satisfied the undergraduate residence requirements, and if he needs not more than six credits to complete his requirements for the baccalaureate degree.

FEES.—No deposit of fee, except the late registration fee, is collected from fellows, graduate assistants, or persons connected with the University teaching staff. Others are required to pay the same fees as undergraduate students except that non-resident tuition is not charged to graduate students from outside the State. Failure to complete registration within three weeks after the beginning of any semester or summer session will involve the payment of the late registration fee of \$5.

NATURE AND AMOUNT OF WORK.—A minimum of 24 semester credits is required for the master's degree; of these at least 16 credits must be graduate in character (courses numbered above 200) and eight credits may be in courses classified as advanced undergraduate (courses numbered 100-199). However, upon the approval of the major professor and the Graduate Council, students may qualify for the master's degree by 30 semester credits and a professional paper in lieu of the thesis, the requirements being that at least 24 credits shall be earned in residence and at least 20 credits shall be graduate in character (courses numbered above 200). (This provision is primarily intended for majors in Education.)

Not less than 12 credits shall be in the major subject, and either one or two minors shall be taken in related subjects.

MAJOR SUBJECT.—A candidate for an advanced degree may select his major from those subjects only which are allowed as majors for the corresponding bachelor's degree. He must present preparation equivalent both in the major field and in the general requirement to that required for the first degree.

Any change of major or minor must be approved by the major professors concerned and the Dean of the Graduate School. This approval must be filed in the registrar's office.

THESIS.—A graduate student who writes a thesis should decide upon his thesis subject during his first session in residence at the University. A student who expects to qualify for a degree through attendance at summer sessions only should file his thesis title, approved by his major professor, with the Dean of the Graduate School at the close of his first summer term. The thesis embodying the result of the student's research in his major subject must be submitted to the Graduate Council not later than May 15 of the year in which the degree is to be conferred.

EXAMINATION.—An oral examination is required of each candidate. The examining committee shall be composed of the professor in charge of the major subject, one professor in charge of a minor subject, and a third member selected by the Dean of the Graduate School. This committee examines the candidate on the thesis and on his major and minor fields of study. A recommendation of the committee is necessary for graduation.

Any member of the faculty has the privilege of attending the examination and questioning the candidate.

NON-RESIDENT CREDITS NOT ACCEPTED.—Credits from non-resident courses in correspondence or group study shall not be accepted as fulfilling any of the requirements toward a master's degree, and non-resident study shall in no case reduce the residence requirements.

Students who are admitted to the Graduate School with deficiencies may, with the approval of the Dean, make up such deficiencies by non-resident study (if the required courses are offered in that way) at such times as they are not enrolled for residence work.

GRADES AND GRADING SYSTEM.—Courses numbered above 200 are marked P (passed) or F (failed). The grade of P (passed) may be reported in place of A or B only. Other courses are graded on the undergraduate basis, but no such course may be counted for a degree unless a grade of C or above is recorded.

RESIDENCE REQUIREMENTS.—One year's residence work is required of every candidate.

Special Provisions:

- (1) Graduates of the University of Idaho may be permitted in special cases to spend one semester at some other approved institution.
- (2) Upon the recommendation of the department in which the candidate takes his major, attendance at a six-weeks' summer session of the University of Idaho may be counted as a half-semester's residence, provided that one semester is spent in residence in a regular session.
- (3) A student may be permitted to fulfill the residence requirement by three six-weeks' summer sessions with thesis or four summer sessions with professional paper, provided he carries on individual work during two intervening years under the direction of his major professor. Not more than six credits may be earned by such work *in absentia*. Registration for work *in absentia* must be made by the student at the beginning of each of the two years which he wishes to count under this provision.
- (4) Graduate students may present 12 semester hours of graduate credit from recognized graduate schools in lieu of one six-weeks' summer session at the University of Idaho.
- (5) No full-time instructor, research or demonstration worker in the University shall be granted a master's degree for less than two years of graduate work.

APPLICATION FOR MASTER'S DEGREE.—Formal application for the master's degree must be filed at the beginning of the last semester or summer session in which the student is in residence. This application must state the exact title of the thesis. No application for a degree at a given commencement will be accepted after March 15. The filing of the application must be preceded by payment of the diploma fee of \$5 and a fee of \$1.50 for binding two copies of the thesis or professional paper for the library.

University Junior College

ADMINISTRATIVE COUNCIL

THOMAS STONER KERR, LL.B.,.....
.....*Professor of Political Science and Business Law, Dean*
EUGENE TAYLOR, M.A., *Professor of Mathematics*.....*Secretary*
CURTIS WORTH CHENOWETH, M.A.....*Professor of Philosophy*
JAY GLOVER ELDRIDGE, PH.D. *Dean of the University Faculty*
RALPH HUNTER FARMER, A.B., *Dean of School of Business Administration*
JOHN ANTON KOSTALEK, PH.D., *Dean of the College of Letters and Science*
JAMES FRANKLIN MESSENGER, PH.D.....*Dean of the School of Education*

ORGANIZATION

THE University Junior College was organized as a separate division of the University and went into operation at the opening of the first semester, 1929-1930. Its program embraces the work heretofore done during the first two years in the College of Letters and Science and the School of Business Administration. It also fulfills the requirements for admission to the College of Law. Students intending to enter the College of Letters and Science, the School of Business Administration, or the College of Law are registered for their first two years in the Junior College. Arrangements can be made for completion of vocational courses in the Junior College for students who plan to attend the University not more than two years.

AIM

The primary purpose of the Junior College is to afford special facilities and opportunities for advice and consultation for the beginning student and to assist him during his first two years in selecting courses which will fit his individual needs. It aims to bridge the gap between the high school and the University and to learn through close personal contact the particular interest and special fitness of the individual student. It further aims to direct his work so as to include the prerequisites for his Senior College courses and at the same time give him a cultural foundation.

ADMISSION

The general statement of admission requirements is found in Part II.

CURRICULUM

The curriculum of the Junior College is based on the completion of 60 credit hours in addition to the requirements in physical education and military science and tactics. Students completing this curriculum will be given a certificate upon application and payment of fee.

The general framework of the Junior College curriculum includes:

1. ENGLISH—12 credits. English Composition 6 credits.
English Literature 6 credits.
2. NATURAL SCIENCE—8 to 10 credits.
The Natural Science group includes Botany, Chemistry, Geology, Physics, Psychology, Public Health, and Zoology.
3. SOCIAL STUDIES—12 credits.
The Social Studies group includes American History, Economics, European History, Philosophy, Political Science, and Sociology.
4. MILITARY SCIENCE AND PHYSICAL EDUCATION—8 credits for men,
6 credits for women.

The Junior College student ordinarily will have 20 or more hours of electives. In selecting courses for these electives he must include the prerequisites set forth by the major department in which he will do his Senior College work.

Students intending to enter the College of Letters and Science are advised to complete in the Junior College, if possible, the language requirements for graduation. Students working towards the Bachelor of Arts or Bachelor of Science degrees must complete in the Junior College one year of foreign language.* Pre-Bachelor of Arts students must complete 8 of their 10 required credits in Natural Science except as indicated otherwise under special curricula. The prerequisites for the various major departments of the College of Letters and Science are set forth on pages 42 to 51.

Students who intend to enter the College of Law should consult the statements on pages 29, 64-65, as well as the statement regarding admission to the combined course B.A., and LL.B., on page 48, also the combined courses leading to the degree B.S.(Bus.) and LL.B. on page 83.

The Junior College curriculum is intended to be sufficiently elastic to serve the best interests of the student. Needed adjustments will be made in exceptional cases upon the approval of the Dean of the Junior College and the major professor under whom the student will pursue his Senior College work.

A suggested program for the Freshman year follows:

	First Sem.	Second Sem.
English Composition	3 crs.	3 crs.
Social Studies	3 "	3 "
Natural Science	4 "	4 "
Mil. or P.E.	2 "	2 "
Electives	3-4 "	3-4 "
	<hr/> 15-16	<hr/> 15-16

*See Specific Degree Requirements, page 41.

BUSINESS CURRICULUM IN JUNIOR COLLEGE

The School of Business Administration is a senior college, and enrolls only students who have completed two years of study in the University of Idaho or in other accredited colleges or universities. The program of courses to be taken by pre-business students during their first two years follows:

FRESHMAN YEAR				SOPHOMORE YEAR			
Course	Credits			Course	Credits		
	First Sem.	Sec. Sem.			First Sem.	Sec. Sem.	
Bus. 27. Business Organization	3			Bus. 81-82. Principles of Accounting	3	3	
or				or			
Shorthand	3-4			Shorthand	3-4	3-4	
Geol. 12. Economic Geography		3		Econ. 51n-52. Principles of Economics	3	3	
or				Eng. 17-18. Intro. to Literature			
Shorthand		3-4		or			
Eng. 1-2. English Composition	3	3		Eng. 13-14. Modern Literature	3	3	
European History	3	3		History, Political Science,			
Botany, Chemistry, Physics,				Philosophy or Psychology	3-4	3-4	
Zoology or Mathematics	4	3-4		Military and Physical Education	2	2	
Military and Physical Education	2	2		Electives*	0-3	0-3	
Electives	0-1	0-1					
	<u>16</u>	<u>16</u>			<u>16</u>	<u>16</u>	

Sufficient electives must be taken to make a total of 64 credits in the Junior College.

COMBINED LAW AND BUSINESS CURRICULUM IN JUNIOR COLLEGE

The College of Law and the School of Business Administration offer a combined six-year curriculum leading to the degree of B.S.(Bus.) at the end of four years and to the degree of LL.B. at the end of six years. Details with respect to this combination curriculum may be found on page 83. Students in this curriculum register in the Junior College for the following program of courses in their first two years:

FRESHMAN YEAR				SOPHOMORE YEAR			
Course	Credits			Course	Credits		
	First Sem.	Sec. Sem.			First Sem.	Sec. Sem.	
Bus. 27. Business Organization	3			Bus. 81-82. Principles of Accounting	3	3	
Eng. 1-2. English Composition	3	3		Econ. 51n-52. Principles of Economics	3	3	
European History				Eng. 13-14. Modern Literature	3	3	
or				or			
Political Science	3	3		Eng. 17-18. Introduction to Literature	3	3	
Hist. 57-58. English Constitutional History	2	2		History, Political Science,			
Botany, Chemistry, Physics,				Philosophy or Psychology	3-4	3-4	
Zoology or Mathematics	4	4		Military and Physical Education	2	2	
Military and Physical Education	2	2		Electives*	2-3	2-3	
Elective		0-1					
	<u>17</u>	<u>17</u>			<u>17</u>	<u>17</u>	

*Students who do not present two years of high school foreign language for entrance to the University should take a year of foreign language in the Junior College. If not taken in the Junior College, this must be taken in the Senior College.

SPECIAL CURRICULA**APPLIED MUSIC**

The Bachelor of Music degree, given in the Senior College of Letters and Science, is in the nature of a technical and professional degree, and the curriculum is arranged on a four-year basis. The first two years are administered by the Junior College and include the following courses:

FRESHMAN YEAR				SOPHOMORE YEAR			
Course	Credits			Course	Credits		
	First Sem.	Sec. Sem.			First Sem.	Sec. Sem.	
Eng. 1-2. English Composition.	3	3		Eng. 17-18. Intro. to Literature	3	3	
French or German	4	4		French or German	4	4	
Mus. 1-2. Sight Singing and Ear Training	2	2		Mus. 5-6. Advanced Harmony.	2	2	
Mus. 3-4. Elementary Harmony	2	2		Mus. 11-12. Sight Singing and Ear Training	2	2	
Mus. 21-22, 31-32, 41-42, or 61-62	4	4		Mus. 13-14. Keyboard Harmony	1	1	
P.E. (Women)				Mus. 23-24, 33-34, 43-44, or 63-64	4	4	
Mil. and P.E. (Men)	2	2		P.E. (Women)	1	1	
	17	17		Mil. and P.E. (Men)	(2)	(2)	
					17-18	17-18	

Students with a major interest in music also have the option of becoming candidates for the Bachelor of Arts degree in the music curriculum, in which case they will follow the standard Junior College curriculum, but will be required to take only four credits of Natural Science. (See page 48).

HOME ECONOMICS**(General)**

For the third and fourth years of the General Curriculum in Home Economics leading to the degree of Bachelor of Science in Home Economics see page 47.

FRESHMAN YEAR				SOPHOMORE YEAR			
Course	Credits			Course	Credits		
	First Sem.	Sec. Sem.			First Sem.	Sec. Sem.	
Eng. 1-2. English Composition.	3	3		Eng. 17-18. Intro. to Literature or			
H.Ec. 23. Textiles	2			Eng. 13-14. Modern Literature	3	3	
H.Ec. 24. Elementary Clothing		3-2		Chem. 1-2. General Chemistry.	4	4	
H.Ec. 11n-12. Art Structure..	2	2		H.Ec. 65. Costume Design ...	2		
P.E. (Elective)	1	1		H.Ec. 4. Experimental Cookery		3	
Social Studies	3	3		P.E. (Elective)	1	1	
Zool. 1. General Zoology or				H.Ec. 35. Home Nursing	2		
Bot. 3. Principles of Botany..	4			H.Ec. 82. House Construction		2	
Zool. 6. Physiology		3		Elective	4	3	
Elective	2	2			16	16	
	17	17-16					

Students who pass proficiency test in Elementary Clothing will be excused from one laboratory period per week and take H.Ec. 24 for only 2 credits. They will take an additional elective credit.

Physics should be taken in the Sophomore year if not presented for admission. Ed. 59, Principles of Teaching, should also be elected in the Sophomore year by students who expect to teach.

HOME ECONOMICS**(Food and Nutrition)**

For the third and fourth years of the Food and Nutrition Curriculum leading to the degree of Bachelor of Science in Home Economics see page 47.

FRESHMAN YEAR			SOPHOMORE YEAR		
Course	Credits		Course	Credits	
	First Sem.	Sec. Sem.		First Sem.	Sec. Sem.
Eng. 1-2. English Composition.	3	3	Eng. 17-18. Intro. to Literature		
H.Ec. 11n-12. Art Structure ..	2	2	or		
H.Ec. 23. Textiles	2		Eng. 13-14. Modern Literature	3	3
H.Ec. 24. Elementary Clothing		3-2	Chem. 51. Qualitative and		
P.E. (Elective)	1	1	Gravimetric Analysis	4	
Social Studies	3	3	Chem. 52. Quantitative Analysis		4
Chem. 1-2. General Chemistry.	4	4	P.E. (Elective)	1	1
			Zool. 1. General Zoology		
			or		
			Bot. 3. Principles of Botany ..	4	
			Zool. 6. Physiology		3
			H.Ec. 35. Home Nursing	2	
			H.Ec. 4. Experimental Cookery		3
			Electives	3	3
	15	16-15		17	17

Students who pass proficiency test in Elementary Clothing will be excused from one laboratory period per week and take H.Ec. 24 for only 2 credits. They will take an additional elective credit.

Physics should be taken in the Sophomore year if not presented for admission.

PRE-MEDICAL CURRICULUM

This special curriculum is intended to cover the *minimum* entrance requirements of the Association of American Medical Colleges, but it should be remembered that more and more the medical schools are selecting their students from those who have had three and even four years of pre-medical preparation. For the work of the third and fourth years leading to the degree of Bachelor of Science in Pre-Medical studies, see page 50.

FRESHMAN YEAR			SOPHOMORE YEAR		
Course	Credits		Course	Credits	
	First Sem.	Sec. Sem.		First Sem.	Sec. Sem.
Eng. 1-2. English Composition.	3	3	Math. 1. Freshman Math. ...	4	
Chem. 1-2. General Chemistry.	4	4	Chem. 51-52. Qual. and Quant.		
Zool. 1-2. General Zoology	4	4	Analysis	4	4
German or French	4	4	Phys. 3-4. College Physics ...	4	4
Mil. and P.E. (Men)	2	2	Zool. 4. Comparative Anatomy		4
P.E. (Women)	(1)	(1)	Sci. German or French	3	3
			Mil. and P.E. (Men)	2	2
			P.E. (Women)	(1)	(1)
	16-17	16-17		17-18	17-18

PRE-NURSING CURRICULUM

For the third and fourth years leading to the degree of Bachelor of Science in Pre-Nursing studies, see page 50.

FRESHMAN YEAR				SOPHOMORE YEAR			
Course	Credits			Course	Credits		
	First Sem.	Sec. Sem.			First Sem.	Sec. Sem.	
Eng. 1-2. English Composition.	3	3		Math. 1. Freshman Math	4		
Chem. 1-2. General Chemistry.	4	4		Zool. 4. Comparative Anatomy		4	
Zool. 1-2. General Zoology	4	4		Chem. 51-52. Qual. and Quant. Analysis	4	4	
German or French	4	4		Bact. 51. General Bact.	4		
P.E. (Elective)	1	1		Sci. German or French	3	3	
				P.E. (Elective)	1	1	
				Electives		4	
	16	16			16	16	

PRE-DENTAL CURRICULUM

Although no special curriculum has been outlined, students interested in qualifying for admission to dental school may arrange to complete in the Junior College the specific courses required for admission to the dental school of their choice.

SECRETARIAL TRAINING

This curriculum is a completion or vocational course designed for students who may attend the University for not more than two years and who wish to leave with some preparation for immediate employment. The course does not admit directly to any of the Senior College curricula. Students may, however, make up the deficiencies either for the regular Junior College certificate, or for admission to Senior College curricula.

FRESHMAN YEAR				SOPHOMORE YEAR			
Course	Credits			Course	Credits		
	First Sem.	Sec. Sem.			First Sem.	Sec. Sem.	
Eng. 1-2. English Composition.	3	3		Bus. 71-72. Intermed. Dictation	3-4	3-4	
Phil. 1-2. Contemp. Civil.	3	3		Eng. 153. Business Writing..	3		
Science	4	4		Bus. 76. Office Practice and Procedure		2	
Bus. 15n-16. Shorthand	3-4	3-4		Bus. 81-82. Accounting	3	3	
P.E. (Elective)	1	1		Econ. 51n-52. Principles of Economics	3	3	
P.E. 1-2. Personal Hygiene	1	1		Eng. 17-18. Intro. to Literature or			
Elective	1-2	1-2		Eng. 13-14. Modern Literature	3	3	
				P.E. (Elective)	1	1	
				Elective		0-1	
	17	17			16-17	16-17	

The Southern Branch

JOHN R. NICHOLS, PH.D. *Executive Dean*
ERNEST J. BALDWIN, PH.D., *Director of the Division of Letters and Science*
ACHILLES CALLOWAY GOUGH, E.E., *Director of the Division of Engineering*
EUGENE O. LEONARD, M.S. *Director of the College of Pharmacy*

THE Southern Branch of the University of Idaho was established as such by the Nineteenth Session of the State Legislature in 1927. Section 1110 of the Idaho Compiled Statutes was amended to read:

A college which shall be called the "Southern Branch of University of Idaho," heretofore called the "Idaho Technical Institute," is hereby established in the City of Pocatello, Idaho, the purpose of which shall be the giving of instruction, as nearly as is practicable, equivalent to the first two years, as prescribed for the University of Idaho, in such vocational, scientific, literary and technical subjects as will meet the educational needs of the students enrolled: . . . and Provided further, That as to the school of pharmacy in said college, the course shall be such as shall meet the standard of requirements as now, or hereafter, recommended by the American Association of Colleges of Pharmacy.

The predecessor of the Southern Branch of the University of Idaho, the Idaho Technical Institute, was established by the action of the legislature in 1915. The forerunner of the Technical Institute was the Academy of Idaho, established by the State at Pocatello in 1901. In 1930 the School of Pharmacy inaugurated a four-year curriculum as recommended by the American Association of Colleges of Pharmacy, and began to award the degree of Bachelor of Science in Pharmacy.

GRADUATION AND ADMISSION TO SENIOR COLLEGES

Graduation from the Southern Branch of the University of Idaho is based upon satisfactory completion of one of the curricula outlined in the Southern Branch Catalog. In order to be eligible for graduation a student must make an average grade of "C" and must present grades of "C" or above in three fourths of the credits required in his curriculum and earned in residence. Graduates from the two-year curricula in the divisions of Letters and Science and Engineering receive the diploma of graduation which admits them to Junior standing in corresponding curricula in the University of Idaho. Graduates of the two-year curricula in Letters and Science are eligible for admission to the College of Law of the University of Idaho, provided they have sufficient credits in courses acceptable to that division. (See requirements for admission to the College of Law, page 48).

Students who choose to transfer to another curriculum upon entering the Junior year of the University may be required to make up the required subjects of the curriculum to which they transfer.

It is assumed that graduates from any one of the completion courses do not intend to pursue further college studies leading to a degree. They

receive the regular diploma of graduation, but if they decide to continue in the work of the University they are not eligible to full junior standing. Credits earned in strictly vocational studies ("V" courses) do not count toward academic standing, or are considerably reduced in value when so applied.

Students of the Southern Branch will avoid confusion by considering their work in terms of the curriculum which they plan to complete in the senior college at Moscow.

DIVISION OF LETTERS AND SCIENCE

In the Division of Letters and Science are offered the first two years of work leading in the Senior College to the degree of Bachelor of Arts, B.A.; Bachelor of Science, B.S.; Bachelor of Science in Home Economics, B.S. (H.Ec.); Bachelor of Science in Pre-Medical Studies, B.S. (Pre-Med.); Bachelor of Music, B.M.; Bachelor of Science in Pre-Nursing Studies, B.S. (Pre-Nurs.); Bachelor of Science in Agriculture, B.S. (Agr.); Bachelor of Science in Forestry, B.S. (For.); Bachelor of Science in Education, B.S. (Ed.); Bachelor of Science in Music Education, B.S. (Mus.Ed.); Bachelor of Science in Business, B.S. (Bus.).

The work of this division is practically identical with the corresponding work in the University Junior College at Moscow. Students registering at the Southern Branch should consult the Southern Branch catalog.

DIVISION OF ENGINEERING

The Division of Engineering provides the freshman and sophomore years of work of the College of Engineering and the School of Mines of the University. Completion of this work qualifies for junior standing in one of the curricula outlined by those divisions of the University. Students registering at the Southern Branch should consult the Southern Branch catalog.

COLLEGE OF PHARMACY

The College of Pharmacy offers a four-year curriculum leading to the degree of Bachelor of Science in Pharmacy. This curriculum complies with the recommendation of the American Association of Colleges of Pharmacy.

PHARMACY CURRICULUM

FRESHMAN YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
Bot. 9, Gen. Phar. Botany	4	Chem. 2, General Chemistry	4
Chem. 1, General Chemistry	4	Eng. 2, English Composition	3
Eng. 1, English Composition	3	Math. 2, Freshman Mathematics...	4
Math. 1, Freshman Mathematics ..	4	Phar. 2, Pharmaceutical Latin ...	2
Phar. 1, History of Pharmacy	2	P.E., Physical Education	1
P.E., Physical Education	1	Zool. 1, General Zoology	4
	<hr/> 18		<hr/> 18

SOPHOMORE YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
Bact. 51, General Bacteriology ...	4	*Chem. 52, Inorganic Chem. or	
*Chem. 51, Inorganic Chem. or		Ph. Chem. 62, Quant. Ph. Chem. ...	4
Ph. Chem. 61, Quant. Ph. Chem. ..	4	Econ. 52, Prins. of Econ.	3
Econ. 51, Prins. of Econ.	3	Phar. 52, Theory of Pharmacy ...	2
Phar. 51, Theory of Pharmacy ...	2	Phar. 54, Pharmaceutical Technique	1
P.E. 27, Physical Education	1	Phar. 56, Public Health, or	
Phys. 3, General Physics, or		Bact. 104, Path. Bacteria	3-4
Electives	3-4	P.E. 28, Physical Education	1
		Phys. 4, General Physics, or	
		Electives	3-4
	17-18		17-19

Electives: Accounting, Merchandising, Advertising, Salesmanship, Natural Sciences, Biological Sciences, Social Sciences, Education.

JUNIOR YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
Chem. 101, Organic Chemistry ...	5	Chem. 102, Organic Chemistry ...	3
German, French, or Elective	3-4	German, French, or Elective	3
Phar. 101, Operative Pharmacy ...	3	Phar. 102, Operative Phar.	5
Ph'cog. 131, Gen. & Mac. Ph'cog. ..	3	Phar. 104, Phar. Jurisprudence ...	2
Phar. 4, Pharm. Calculations	2	Ph'cog. 132, Gen. & Mac. Ph'cog. .	3
	16-17	Zool. 6, Physiology	3
			19

SENIOR YEAR

FIRST SEMESTER		SECOND SEMESTER	
Course	Credits	Course	Credits
Sci. Germ., Sci. French, or Elective	3	Ph'col. 162, Pharmacology	4
Phar. 151, Dispensing	4	Phar. 152, Dispensing	3
Phar. 153, Advanced Theory of Phar.	3	Phar. 154, Advanced Theory of Phar.	4
Ph'col. 161, Pharmacology	3	Sci. Germ., Sci. French, or Elective	3
Zool. 2, General Zoology, or		Zool. 4, Comparative Anatomy or	
Elective	3-4	Chem. 112, Bio-Chemistry, or	
Any one of the following courses		Any of the two following courses	
Ph. Chem. 151, Organic Phar.		Ph. Chem. 152, Inorganic Pharma-	
Preparations	2	ceutical Preparations	
Phar. 155, Insecticides	2	Ph. Chem. 154, Toxicology	
Phar. 157, Commercial Pharmacy .	3	Ph'cog. 152, Microscopic Pharma-	
	18-19	cognosy	4
			18

DIVISION OF COMPLETION COURSES

High School graduates who cannot, for one reason or another, complete a college course, find in the Division of Completion Courses an opportunity to obtain two years of training immediately practical in their chosen vocations. This work is intended to be complete in itself and is not offered as leading to a college degree. Courses not marked with a "V" will, however, be credited toward a degree, should the student wish to go on for such work. Two-year curricula are offered in Secretarial Work and Accounting. There is a one-year curriculum in Auto-Mechanics, and possibility of a course in Trade Dressmaking. For outlines and descriptions of these courses, see the Southern Branch catalog.

*Pharmacy students wishing to meet Pre-Medical requirements or to be prepared for graduate work in Chemistry are required to take Chemistry 51-52.

PART IV

The Experiment Stations

Agricultural Extension

Non-Resident Instruction

The Summer School

PART IV
The Experiment Station
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The Agricultural Experiment Station

EDWARD JOHN IDDINGS, M.S.....*Director*
AUDELLA JOHNSON.....*Secretary of the Staff*
CHARLES WILLIAM HUNGERFORD, PH.D.....
.....*Vice Director and Chairman of the Project Committee*
CLAUDE WAKELAND, PH.D.....*Chairman of the Publications Committee*

IN compliance with an enabling act of Congress approved March 2, 1887, the Idaho Agricultural Experiment Station became an integral part of the State University at the time of its organization. That act, commonly known as the Hatch Act, defines the scope and activities of state experiment stations as follows:

That it shall be the object and duty of said experiment stations to conduct original researches, or verify experiments on the physiology of plants and animals; the diseases to which they are severally subject, with the remedies for the same; the chemical composition of useful plants at their different stages of growth; the comparative advantage of rotative cropping as pursued in a varying series of crops; the capacity of new plants or trees for acclimation; the analysis of soils and water; the chemical composition of manures, natural or artificial, with experiments designed to test their comparative effects on crops of different kinds; the adaptation and value of grasses and forage plants; the composition and digestibility of different kinds of foods for domestic animals; the scientific and economic questions in the production of butter and cheese; and such researches or experiments bearing directly on the agricultural industry in the United States as may in each case be deemed advisable having due regard to the varying conditions and needs of the respective states and territories.

The Adams Act, approved March 16, 1906, doubled the original federal funds available for experimentation and research. The Hatch Act made possible the beginning of scientific investigation of problems peculiar to Idaho's agriculture; the Adams Act expressly sanctions and encourages original research along agricultural lines. The Purnell Act, approved February 24, 1925, provides, in the language of the law, "the more complete endowment and maintenance of the agricultural experiment stations." In attempting to interpret the will of the Congress in providing this additional support for research of interest and value to farmers, special attention is given to the study of problems in the fields of Agricultural Economics and Home Economics. These federal funds are supplemented by state appropriations for the investigation of special problems and for the maintenance of Substation farms where some of the work can be most advantageously carried on. During the 1933-1934 biennium funds were available for the work of the Experiment Station, derived as follows: Federal appropriation, \$180,000; State appropriation, \$29,582, together with the income from the several stations, amounting to approximately \$26,500.

ORGANIZATION AND WORK.—The organization of the Agricultural Experiment Station is practically the same as that which prevails in the College of Agriculture. Under the general supervision of a Director, the work of investigation is carried on by departments, of which there are now 13, viz.: Agricultural Economics, Agricultural Engineering, Agronomy,

Animal Husbandry, Bacteriology, Agricultural Chemistry, Dairy Husbandry, Entomology, Home Economics, Horticulture, Plant Pathology, Poultry Husbandry, and Pure Seed. Each department has a broad conception of its duties and influences and is pushing actively the work it has inaugurated for the ultimate benefit of the agricultural industry it represents.

Some of the most important lines of investigation in progress are: feeding experiments with sheep, hogs, and beef and dairy cattle; study of feeds; breeding and management studies; a study of diseases of animals; experiments for the control of insect pests; breeding of forage crops; variety tests of wheat, oats, barley, peas, and potatoes; a study of chlorosis of plants; an investigation of alkali soils; pea germination studies; a study of vitamin efficiency of Idaho food plants; apple breeding; cherry cracking; fertilization of apple, cherry and prune orchards; maturity and storage of apples and cherries; cherry pruning experiments; variety tests in vegetable growing; experiments for the control of potato diseases, and bean mosaic; experiments in control of legume bugs on beans and alfalfa; spraying experiments on fruit insects; pea weevil, wire worm and beet leaf hopper investigations, cooperating with United States Department of Agriculture; control of vegetable and truck crop insects; investigations of farm organization, livestock and crop management, and of marketing problems; land use; and feeds for egg production. Approximately 150 separate projects represent the activity of the Experiment Station Staff at this time.

The general administration of the pure seed law is intrusted to the Director of the Experiment Station. The actual administration of the act however, is delegated to a pure seed commissioner who has established a laboratory in the Noble building at Boise.

LABORATORIES AND OTHER FACILITIES.—The Departments of Bacteriology, Agricultural Chemistry, Agronomy, Animal Husbandry, Horticulture, Plant Pathology, Soil Technology, Veterinary Science, Entomology, Dairy Husbandry, and Dairy Manufacture have well equipped research laboratories in Science Hall, Morrill Hall, and the Dairy Building. An entomological field laboratory is maintained at Parma. Agricultural Engineering laboratories are located in the engineering shops. At the foot of the campus, greenhouse facilities are provided for such lines of investigation as require them. The college farm of 740 acres supports splendid herds of beef and dairy cattle, hogs, and sheep, from which individual animals are selected for experimental feeding purposes. This farm also provides experimental fields of ample dimensions for the use of the Departments of Agronomy, Chemistry, Horticulture, and Plant Pathology, and breeding pens for the Department of Poultry Husbandry.

Farming conditions within the State are so varied that it is necessary to conduct many lines of investigation away from the central station. The Substation farms are admirably located for this purpose. On the Sandpoint farm, experiments designed to point the way to the profitable utilization of the cut-over and burned-over lands are in progress. The farm at Aberdeen is used for experiments in crop production under irrigation.

The Caldwell Substation supports a small dairy herd and is used for investigations in animal feeding and diversified farming. A feeding plant erected there in 1919 provides for 144 head of cattle and from 500 to 700 head of sheep. The High Altitude Substation at Tetonia conducts experiments in the growing of grains, grasses, and potatoes, and tests of cultural practices which give promise of adaptability to elevations of more than 6000 feet. Additional points of contact with agricultural problems, including an Entomological Field Station at Parma, are maintained by means of field stations where most of the work is carried on during the summer. The splendid public spirit of citizens in the several localities has made possible the work now in progress on these farms. In the work at Aberdeen the United States Department of Agriculture, through its Bureau of Plant Industry, is cooperating.

PUBLICATIONS.—The practical results of investigations are freely used in the classrooms of the College of Agriculture, and as rapidly as possible are printed in the form of bulletins for general distribution to the farmers of the state and to others who may ask for them. Up to the present time a total of 209 bulletins, 73 circulars, 11 research bulletins, and 126 technical papers have been published. A list of those still available may be had upon request. The publications of the Experiment Station are free. The station staff invites correspondence with farmers of the state upon subjects in which they are interested. General inquiries should be directed to the Experiment Station, special inquiries to such heads of departments as from their official designation are most likely to be able to give the information sought.

The Engineering Experiment Station

IVAN CHARLES CRAWFORD, C.E.....*Director*

ALTHOUGH the Engineering Experiment Station was not formally organized by the Board of Education until June, 1928, investigational work has been carried on in the materials laboratory since 1904. During that year and the year following, two bulletins were published, each dealing with the road-making properties of the trap rocks of the Palouse region.

OBJECT AND ORGANIZATION.—The station was established to do research work upon engineering problems of importance to the industries, municipalities, public utilities, state departments and engineers of Idaho; to stimulate research activity in the faculty and among the students of the College of Engineering; and to publish the results of investigations and compilations of data of value to the citizens of the State.

The staff of the station is composed of the President of the University, the Director and various members of the faculty of the College of Engineering. The laboratories of the departments of Civil, Mechanical, Electrical, Chemical, and Agricultural Engineering are employed in the investigations conducted by the station.

Idaho Bureau of Mines and Geology

ARTHUR WILLIAM FAHRENWALD, E.M., Met. E.....*Acting Director*

THE laws establishing the Idaho Bureau of Mines and Geology specify that its office shall be at the University of Idaho, and that the Dean of the School of Mines is Ex-officio Director. Cooperative relations are maintained with the United States Geological Survey and other governmental bureaus. The State and Federal bureaus employ metallurgical, mining and geological staffs engaged in the effort to benefit the mining industry of the State. School of Mines faculty members contribute useful field and research work.

Agricultural and Home Economics Extension

EDWARD JOHN IDDINGS, M.S.....*Director*

JOHN HENRY REARDEN...*State County Agent Leader and State Club Leader*

MARION MARTHA HEPWORTH.....*State Home Demonstration Leader*

FOR many years the College of Agriculture of the University has rendered service to the farmers of the State through farmers' institutes, the publishing of bulletins and circulars, judging at fairs, answering letters of inquiry upon topics of interest to the farmer, and through special meetings held in widely separated portions of the State.

Extension work, as it is known today, is an outgrowth of the Smith-Lever Act of Congress, approved May 8, 1914. With the aid of Federal funds supplied by the terms of this Act and special appropriations of the State, the Extension Division within the last few years has contributed in a large measure to the development of an efficient and high quality agriculture.

General administration of extension work in Idaho is in charge of the Director of Extension. The offices of the Director and of the State Leaders of County Agents, Home Demonstration, and Boys' and Girls' Club Work are at Moscow. Offices of the field specialists are at Boise. The county extension agents number 30. General Supervision of the county agents is under a County Agent Leader. Home demonstration agents are supervised by a State Home Demonstration Leader. The State Leader of Boys' and Girls' Clubs directs the club work of the State, which has been very popular in the farming sections, showing an enrollment of approximately 5,000 boys and girls in 1934. Field specialists carry on carefully outlined projects of work, largely through the county agents, in Horticulture, Entomology, Animal Husbandry, Dairying, Agronomy, improvement of soils, Poultry Husbandry, pure seed production, Forestry, Agricultural Economics, and Marketing.

Members of the extension staff are the field representatives of the University of Idaho. They are constantly working in the rural communities, assisting in every possible way in agricultural development and home improvement. Through the Agricultural Extension Service the work of the College of Agriculture of the University of Idaho has become state-wide, and this service is rendered by the institution not only to those near at hand, but also to those sections of the State farthest removed from the campus.

Cooperation with the Agricultural Adjustment Administration in production control programs during the past year has brought greatly increased responsibility and volume of work to the Idaho Extension Service.

Non-Resident Instruction

BERNICE MCCOY, M.S.(Ed.)*Director*

THE University of Idaho offers two kinds of Non-Resident Instruction. First, for individual students, representative courses in most Departments are given by correspondence. Second, where a number of persons desire the same subject, the University organizes a study group, which a member of the faculty actively directs and, when it seems practicable, visits from time to time.

The courses offered non-resident students, with few exceptions, carry full University credit and are identical with the resident courses of the same number. Students taking these courses must have the necessary prerequisites.

All non-resident courses are prefixed with the letter "C" (e.g., Eng. C14).

CORRESPONDENCE STUDY.—In courses offered by correspondence, the University furnishes study outlines and syllabi with a list of the books and other material required. There will be eight assignments per credit-hour; for example: 16 assignments for a two-credit course and 24 assignments for a three-credit course. The assignments call for very definite work on the student's part, consisting of written reports or analyses, the solution of problems, or the investigation of special topics as the nature of the course may demand.

All reports, unless otherwise specified, must be prepared on 8x11 inch paper. Carriage charges must be fully prepaid. The use of reasonably thin paper is recommended to reduce these charges. All lessons are read, graded, corrected, and returned.

ENROLLMENT.—1. Persons not in residence may enroll for non-resident work at any time.

2. Resident students are not permitted to carry non-resident work. Courses not completed before students register or re-register in the University are automatically dropped.

3. Non-resident students failing to complete courses for which they have registered will be dropped at the end of 12 months, but will be

permitted to re-enroll with the payment of \$1.00 re-registration fee, the course to be completed by the close of the ensuing year.

CREDITS.—4. A total of 32 credits, or one year of undergraduate college work, may be secured by non-resident instruction.

5. As a rule, students are advised to carry not to exceed two courses at a time. However, if a student has unlimited leisure, he may safely carry three or four courses at one time.

EXAMINATIONS.—To receive credit the student must take a written examination on the completion of each course. Other examinations may be required from time to time at the instructor's discretion. In supervising these examinations the University is glad to acknowledge the friendly co-operation of alumni, school officials, and other friends.

REGULATIONS

1. The University offers no non-resident courses leading to the county third grade certificate.

2. Under ruling of the State Board of Education, credits earned in non-resident courses may not be submitted in lieu of an examination for the county first and second grade certificates.

3. *Students should return each assignment as completed, never sending in more than three at one time. Students violate this at their own risk.* Instructors cannot do justice to students in the field if a large number of assignments are sent in at one time and often failure in the course is a result.

4. *Non-resident students who intend to use credits made in such courses for graduation or certification must have courses completed, including the final examination, three weeks before June first.*

5. Worthy requests for courses not given in the Non-Resident Bulletin may occasionally be granted.

FEES

Fees for correspondence work are \$4.00 per credit. For example, a two-credit course will be \$8.00 and a three-credit course \$12.00. Fees must be paid when enrolling for the course. *Fees will not be refunded.*

STUDY GROUPS

Members of the University faculty are glad to cooperate in organizing study groups where several persons wish to pursue the same subject. No absolute minimum is set, but it is recommended that the organization of a study group include at least five individuals. Members of these study groups may, on fulfilling the necessary requirements and prerequisites, obtain University credit. Fees for individual members of study groups shall be the same as those charged for individual registrations, that is \$4.00 per credit. Where the group is large enough and the distance not altogether prohibitive, the member of the faculty in charge of the course will meet the group in person at regular intervals.

All communications regarding non-resident instruction should be addressed to the Department of Non-Resident Instruction, University of Idaho, Moscow.

NON-RESIDENT COURSES

Courses primarily for undergraduates are numbered between 1 and 99 and courses for advanced undergraduates between 100 and 199. Only those courses numbered above 50 may be taken for credit in the Senior College (except that elementary courses in mathematics and foreign languages may be so credited.)

Courses marked with an "n" are those in which credit will not be given for the first semester's work until that of the second semester shall have been completed.

AGRICULTURE		Course Credits	
Course		Course	Credits
AGRICULTURAL EDUCATION		C59. Principles of Teaching	3
C151. Vocational Education	2	C105. History of Education	3
AGRICULTURAL ENGINEERING		C106. History of Education	3
C161. Irrigation Practice	3	C111. The Junior High School	3
AGRONOMY		C113. Secondary Education	3
C1. General Crop Production	3	C114. High-School Methods	3
ANIMAL HUSBANDRY		C115. Educational Guidance	3
C106. Animal Nutrition	3	C123. Educational Tests and Measurements	3
C133. Swine Production	2	C141. Character Education	3
C135. Sheep Production	2		
DAIRY HUSBANDRY		ENGINEERING	
C3. Milk Production	2	CIVIL ENGINEERING	
HORTICULTURE		C1. Engineering Drawing	3
C2. Elements of Horticulture	2	C2. Descriptive Geometry	3
PLANT PATHOLOGY		C6. Mechanics (Statics)	2
C2. Nature and Control of Plant Diseases	2	C8. Plane Curves	1
C105. Potato Diseases and Their Control	1	C103. Mechanics of Materials	3
ART		C105. Highways and Streets	2
C1. Freehand Drawing	2	C106. Reinforced Concrete Theory	2
C2. Freehand Drawing	2	ELECTRICAL ENGINEERING	
C3. Principles of Design	2	C20. Elements of Radio-Telegraphy	2
C4. Principles of Design	2	C130. D. C. and A. C. Machinery—Theory	4
C101. Water-Color Painting	2	C133. Direct Current Machinery	3
C102. Water-Color Painting	2	C134. Alternating Current Machinery	3
C121. Alphabets	2	MECHANICAL ENGINEERING	
C122. Advertising Layout	2	C5. Machine Drawing	2
BACTERIOLOGY		C13. Mechanism	3
C54. Public Health	3	ENGLISH	
BOTANY		C17. Introduction to Literature	3
C1. General Botany	3	C18. Introduction to Literature	3
C54. Systematic Botany	3	C119. American Literature	3
C109. The Teaching of Botany	2	C120. American Literature	3
BUSINESS ADMINISTRATION		C153. Business Writing	3
C81. Elementary Accounting	3	C175. Readings in European Literature	2
C82. Elementary Accounting	3	FRENCH	
C113. Statistics	3	C1n. Elementary French	4
C165. Business Law	3	C2. Elementary French	4
C166. Business Law	3	C13. Intermediate French	4
C169. Marketing	4	C14. Intermediate French	4
C181. Advanced Accounting	3	C15. Scientific French	3
C182. Advanced Accounting	3	C16. Scientific French	3
C185n. Cost Accounting	2	C121. Survey of French Literature	3
C186. Cost Accounting	2	C122. Survey of French Literature	3
C187. Income Tax Accounting	3	C135. Nineteenth Century French Literature	3
C191. Methods of Commercial Teaching	3	C136. Nineteenth Century French Literature	3
THE CLASSICS IN ENGLISH		C141. Drama of the Seventeenth Century	3
C53. Scientific Terminology	2	C142. Drama of the Seventeenth Century	3
C54. Scientific Terminology	2	C145. Contemporary French Literature	3
ECONOMICS		C146. Contemporary French Literature	3
C51. Principles of Economics	3	GEOLOGY	
C52. Principles of Economics	3	C1. Introductory Geology	4
C105. Money and Banking	3	C2. Historical and Physical Geology	3
C106. Money and Banking	3	C11. General Geography	3
C115. Agricultural Economics	3	C12. Economic Geography	3
C118. Co-operative Marketing	3		
C120. Marketing of Farm Products	3		
EDUCATION			
C1. Introduction to Education	2		
C2. School-Room Management	2		
C55. Idaho Law, Manual and Civics	2		

GERMAN		PHILOSOPHY	
Course	Credits	Course	Credits
C1n. Elementary German	4	C51. History of Ancient Philosophy	3
C2. Elementary German	4	C52. History of Modern Philosophy	3
C13. Intermediate German	4	C101. Ethics	3
C14. Intermediate German	4	C102. Ethics (Advanced)	3
C15. Scientific German	3	C108. Plato	3
C16. Scientific German	3	C110. Philosophy of Science	3
C115. Advanced Scientific German	1 or 2	POLITICAL SCIENCE	
C116. Advanced Scientific German	1 or 2	C51. American Government	3
C141. Schiller	3	C52. American Government	3
C142. Schiller	3	C123. State Government in the	
GREEK		United States	3
C1n. Elementary Greek	4	C124. City and County Government	3
C2. Elementary Greek	4	C125. Comparative Government	3
HISTORY		C137. International Relations	3
C13. Classical Civilization	3	PSYCHOLOGY	
C14. Classical Civilization	3	C1. General Psychology	4
C55. Nineteenth Century	3	C2. Educational Psychology	3
C56. Nineteenth Century	3	C4. Applied Psychology	4
C107. English History	3	C54. Psychology of Advertising	
C108. English History	3	and Selling	3
C109. History of the United States,		C57. Psychology of the Exception-	
1492-1763	3	al Individual	3
C110. History of the United States,		C106. Child Psychology	3
1763-1789	3	C117. Psychological Methods	4
C111. History of the United States,		C151. Psychology of High School	
1789-1830	3	Subjects	2
C112. History of United States,		C153. Psychology of Adolescence ..	3
1830-1865	3	SOCIOLOGY	
HOME ECONOMICS		C141. Principles of Sociology	3
C131. House Management and		C142. Principles of Sociology	3
Sanitation	2	C145. Rural Sociology	3
C135. Child Development	2	SPANISH	
C136. The Family	2	C1n. Elementary Spanish	4
LATIN		C2. Elementary Spanish	4
C1n. Elementary Latin	4	C13. Intermediate Spanish	4
C2. Elementary Latin	4	C14. Intermediate Spanish	4
C3. Intermediate Latin	4	C111. Advanced Composition	2
C4. Intermediate Latin	4	C112. Advanced Composition	2
C53. Advanced Latin	3	C121. Survey of Spanish Literature	3
C54. Advanced Latin	3	C122. Survey of Spanish Literature	3
C107. Teachers' Review of Latin ..	3	C141. The Golden Age	3
C108. Teachers' Review of Latin ..	3	C142. The Golden Age	3
C124. Teachers' Course	2	ZOOLOGY	
MATHEMATICS		C58. Heredity and Eugenics	2
C1. Freshman Mathematics	4	C60. Social Hygiene	2
C2. Freshman Mathematics	4	C107. Organic Evolution	3
C11. Freshman Mathematics	5		
C12. Freshman Mathematics	5		
C51. Calculus	4		
C52. Calculus	4		

The Summer School

Six-Weeks Term, June 11 to July 19, 1935

J. FRANKLIN MESSENGER, PH.D.Director

ADMISSION.—The courses of the Summer School are open on the same terms as those of the regular session, as described in Part II. Credentials for prospective students should be mailed in advance to the Registrar. Entrance examinations are not required.

CREDITS.—Practically all courses offered are for University credit. Students desiring University credit will be required to pass the examinations given during the closing week of the Session. A maximum of six semester-credits may be earned during the Session.

UNDERGRADUATE WORK.—Undergraduate courses leading to the bachelor's degree are given just as they are during the winter session.

GRADUATE WORK.—The number of graduate students in the Summer Session is increasing rapidly. A large part of the work in summer is planned for teachers who are candidates for the master's degree. It is possible to secure that degree in three Summer Sessions and outside work during the intervening two years.

BULLETIN.—For the special bulletin of the Summer School address, Director, Summer School.

COURSES OFFERED IN 1934 SUMMER SCHOOL

Course	Credits	Course	Credits
AGRICULTURAL EDUCATION		ENGLISH	
S257. Problems in Teaching Vocational Agriculture ...	2	S241. Character Education	2
AMERICAN HISTORY		S260. Scientific Methods in Education	2
S116. American Diplomacy Since 1865	2	S261. Research	1-2
S122. America, A World Power ..	2	ENGLISH	
S212. Problems in the History of the West	2	S10. Special Writing	2
S225. Research	2	S17. Introduction to Literature ..	2
ART		S31. Fundamentals of Speech	2
S101. Water Color Painting	2	S71. Play Production	2
ATHLETIC COACHING		S117. Victorian Prose	2
Coach Calland was available for conferences and lectures on Athletic Coaching. No credit was given.		S120. American Literature	2
BACTERIOLOGY		S142. Shakespeare	2
S116. Special Problems	2	S162. Corrective Speech	2
BOTANY		S198. High School Journalism	2
S3. Principles of Botany	4	S202. English Literary Criticism ..	2
S53. Systematic Botany	2	S207. Special Problems in Method of Teaching English	2
S105. Plant Ecology	2	S211. Research	2-3
S109. The Teaching of Botany	2	S214. Studies in Biography	2
S231. Research	2	EUROPEAN HISTORY	
BUSINESS		S53. Modern Europe	2
E. Typewriting	0	S201. Seminar	2
S15n. Elementary Shorthand	3-4	S231. Renaissance	2
S81. Principles of Accounting	2	GEOLOGY AND GEOGRAPHY	
ECONOMICS		S1. Introductory Geology	4
S51. Principles of Economics	2	S11. General Geography	2
S105. Money and Banking	2	S113. Advanced Environmental Geography	2
S213. Seminar	2	S116. Geology and Geography of Idaho	2
EDUCATION		HOME ECONOMICS	
S2. School Room Management ..	2	S41. Problems in the Modern Home	2
S16. Art Education	2	S133. Practice Cottage	2
S55. Idaho Law, Manual, and Civics	2	S141. Interior Decoration	2
S101. Elementary Supervision	2	MATHEMATICS	
S107. History of Education	2	S1. Freshman Mathematics	4
S113. Secondary Education	2	S2. Freshman Mathematics	4
S114. High School Methods	2	S12. Freshman Mathematics	5
S115. Educational Guidance	2	S51. Calculus	4
S116. Social Science in the Grades.	2	S52. Calculus	4
S123. Rural Administration	2	S101. Engineering Mathematics ...	3
S204. School Administration	2	S111. Higher Algebra	2
S205. School Finance	2	S121. Advanced Calculus	3
S206. Planning and Constructing School Buildings	2	S122. Advanced Calculus	3
S207. Supervision of Instruction ..	2	S221. Theory of Functions	3
S210. Philosophy of Education	2	MUSIC	
S212. Curriculum Construction	2	S1. Sight Singing and Ear Training	2
S225. National Secondary Education Survey	2	S3-4. Elementary Harmony	2
		S45a. Orchestra	1
		S55. Music Appreciation	1
		S70. Idaho Chorus Plan	2
		S173. Class String Instrument Teaching	1

Course	Credits	Course	Credits
S175. Class Wind Instrument Teaching	1	S52. American Government	2
S179. Conducting	1	S123. State Government	2
S201b. Band Supervision	2	S137. International Relations	2
S202. Music Supervision	2		
S212. Orchestration	2	PSYCHOLOGY	
Cello	½ to 1	S2. Educational Psychology	2
Piano	½ to 1	S106. Infant and Child Psychology. 2	
Violin	½ to 1	S203. Social Psychology	2
Voice	½ to 1	S211. Abnormal Psychology	2
Wood and Brass Instrument ½ to 1		S213. Seminar (Mental Hygiene) ..	2
		SOCIOLOGY	
PHILOSOPHY		S142. Principles of Sociology	2
S52. History of Modern Philosophy 2		S145. Rural Sociology	2
S110. Philosophy in Science	2	ZOOLOGY	
S203. Seminar	2	S1. General Zoology	4
S205. Research	2	S6. Physiology	2
		S58. Heredity and Eugenics	2

PART V
Departments of Instruction

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NOTE.—Courses with odd numbers are given in the first semester; those with even numbers, in the second semester; courses numbered 1-2, 3-4, etc., continue through the year. A course which may cover the same subject matter in either semester has an odd number.

It will be observed that courses primarily for undergraduates are numbered between 1 and 99; courses for advanced undergraduates and graduates, between 100 and 199; and courses primarily for graduates, 200 and above. See regulations of the separate divisions for requirements in courses numbered above 50.

Courses marked with an *n* are those in which credit will not be given for the first semester's work until that of the second semester shall have been completed.

AGRICULTURAL CHEMISTRY

Associate Professors MAGNUSON and SNYDER

Courses 1, 2, and 53 in General Chemistry are prerequisite. Students desiring to specialize in professional agriculture are urged to take the more complete courses—1, 2, 51, 52; 101-102 and 111-112 in General Chemistry. Agr. Chem. 106 should be taken during the second semester of the Junior year, while Agr. Chem. 112 is open to Seniors.

Primarily for Undergraduates

2 General Agricultural Chemistry 4 credits Second semester

Lectures and laboratory work on Chemistry as applied to agriculture, including the following topics: the chemical principles that underlie the growth and nutrition of farm crops, their composition and utilization in animal nutrition; soils, fertilizers, and manures; milk and dairy products; paints and motor fuels and soils. Two lectures and two three-hour laboratory periods a week. (SNYDER)

For Advanced Undergraduates and Graduates

106 Chemistry of Dairy Products 2 credits Second semester

Analysis of milk, butter, cheese, and other dairy products, designed to meet the needs of advanced students in dairying. Two three-hour laboratory periods a week. Prerequisite: Agr. Chem. 2. (SNYDER)

112 Soil Chemistry 2 or 3 credits Second semester

The chemical nature of different soil types and the relation of the elements to crop production. Analysis of various types of soil by standard methods, to determine the available and total soil constituents. Discussion of methods. Recommendations for the improvement of each soil type by interpreting students' data. One lecture and two laboratory periods a week. (SNYDER)

152 Advanced Agricultural Chemistry 4 or 5 credits Second semester

An advanced course for students majoring in Agricultural Chemistry. Two lectures and two or three laboratory periods a week. Prerequisite: Chem. 1, 2, 51, 52, 101 and 102. (SNYDER)

153 Pro-Seminar or Thesis 2 or 3 credits Either semester (SNYDER)

Primarily for Graduates

201-202 Research Credits to be arranged Each semester Special problems in soil chemistry, dairy chemistry, and nutrition. (MAGNUSON, SNYDER)

Insecticides and Fungicides 2 credits Second semester See Hort. 180. (Available to students in Agricultural Chemistry.)

Agricultural Economics(See under *Economics*)**AGRICULTURAL EDUCATION**

Professor LATTIG, Mr. WISWALL

For Advanced Undergraduates and Graduates

150 Extension Methods in Agriculture 2 credits Second semester
Methods used in the field by county agents, college faculty, extension specialists and teachers of vocational agriculture. Should be of value to all who expect to enter any field of public work in agriculture. (IDDINGS, LATTIG, AND OTHERS)

151 Vocational Education 2 credits First semester
Vocational education: its history, meaning, aims, administration and place in the school system. Required in Agricultural Education Curriculum. (Not open to Freshmen.) (LATTIG)

152 Beginning Methods 2 credits Second semester
For Juniors. Required in Agricultural Education Curriculum. (LATTIG)

153 Advanced Methods 3 credits First semester
For Seniors. A continuation of Agr. Ed. 152. Required in Agricultural Education Curriculum. (LATTIG)

155-156 Observation and Practice Teaching 1 to 5 credits Either semester
Required in Agricultural Education Curriculum. Prerequisite: Agr. Ed. 152. (LATTIG, WISWALL)

158 Auxiliary Problems 2 credits Second semester
A study of such problems as project accounting, evening and part-time classes, supervision of the Future Farmer Organization, and community work not covered in Agr. Ed. 153. Required in Agricultural Education Curriculum. Prerequisite: Agr. Ed. 153. (LATTIG)

Primarily for Graduates

251-252 Seminar 1 to 4 credits Each semester
For Seniors and Graduates. (LATTIG)

253-254 Research Credits to be arranged Each semester
For Graduates. (LATTIG)

257 Problems in Teaching Vocational Agriculture 3 credits
For regularly employed teachers of vocational agriculture in Idaho. Includes attendance at summer conference for teachers of vocational agriculture, problems of methods, and new developments in the field of vocational agriculture. The course may be repeated three years with credit. (LATTIG)

AGRICULTURAL ENGINEERINGProfessor BERESFORD, Assistant Professor KULP, Mr. MILLER
Mr. HUMPHREY*Primarily for Undergraduates*

Plane Surveying 3 credits First semester
See Civil Engineering 3a.

4 Agricultural Engineering 3 credits Second semester
Elementary problems of the application of Engineering to agricultural equipment and production. Two lectures and one three-hour laboratory period a week. (BERESFORD)

- 5 Concrete** 1 credit First semester
 Practical problems in the use of concrete on the farm and ranch. Methods of insulation and water proofing; foundations; floor and wall construction. Reinforced concrete structures and equipment such as fence posts, water troughs, silos, etc. Material estimates, batch proportions for various strengths and curing. One three-hour laboratory period a week. (MILLER)

For Advanced Undergraduates and Graduates

- 101 Graphic Presentation** 1 credit First semester
 Practice in lettering, graphic presentation of data, preparation of charts and tables for scale reduction, drawing to scale and dimensions. One three-hour laboratory period a week. (MILLER)
- 103 Farm Shop Practice Laboratory** 2 credits First semester
 Special projects in farm shop work with emphasis on Smith-Hughes teaching. Problems of shop instruction, arrangement of equipment, and shop practice. Two three-hour laboratory periods a week. Prerequisite: A.E. 4. (MILLER)
- 105-106 Pro-Seminar** 1 credit Each semester
 (BERESFORD, KULP)
- 108 Farm Buildings** 3 credits Second semester
 Problems in the design of buildings in the student's major field. Relation of building arrangement to chore labor. Floor planning, lighting, insulation and ventilation of farm buildings. Material estimates, methods of construction, and cost computation. One recitation and two three-hour laboratory periods a week. Prerequisite: A.E. 4. (MILLER)
- 112 Farm Water Supply and Sanitation** 2 credits Second semester
 Farm water supply and sanitary equipment. Refrigeration, ventilation, heating, illumination. Protection against lightning and fires. Farm sanitation and sewage disposal. Two lectures a week. (KULP)
- 131 Gas Engines** 2 credits First semester
 Theory of internal combustion engines including the latest developments in the diesel and semi-diesel applications to agriculture power. Fuels, lubrications, and repair operations required for successful engine maintenance. One recitation and one three-hour laboratory period a week. Prerequisite: A.E. 4. (BERESFORD, HUMPHREY)
- 132 Farm Machinery** 2 credits Second Semester
 The selection and management of farm machinery and equipment. Students will be grouped in laboratory sections for problems in the operation, care and adjustment of machines used in their major field. One recitation and one three-hour laboratory period a week. Prerequisite: A.E. 4. (MILLER)
- 133 Tractors and Trucks** 2 or 3 credits Each semester
 Operation, construction, and care of tractors and trucks. Additional repair, testing, and operating may be secured by taking the second laboratory period. One lecture and one or two three-hour laboratory periods a week. (BERESFORD, HUMPHREY)
- 136 Machine Methods in Agriculture** 3 credits Second semester
 The principles of mass production applied to the problems of agriculture. Prerequisite: A.E. 4. (BERESFORD)
- 137 Gas Welding** 2 credits First semester
 The use of oxy-acetylene torch for the repair, maintenance, and construction of farm machinery and equipment. Two three-hour laboratory periods a week. Prerequisite: A.E. 4. (HUMPHREY)

- 138 Farm Equipment Repair** 2 credits Second semester
The adjustment and repair of the machines in common use on the farm. Farmstead construction and maintenance of equipment. Two three-hour laboratory periods a week. Prerequisite: A.E. 103. (MILLER)
- 139 Rural Electrification** 3 credits Second semester
The application of electricity to agriculture, including elementary principles of electricity and magnetism. General operation of electrical appliances common to agricultural use. Two lectures and one three-hour laboratory period a week. Prerequisite: A.E. 4. (BERESFORD)
- 141 Dairy Engineering** 3 credits First semester
Engineering in dairy manufacturing plants; theories and practical application involved in the properties of gases and liquids, fluid flow, heat transfer; steam generating equipment and management; refrigeration and power transmission; electric heat and power; pressure, temperature and time regulators; dairy plant ventilation and sanitation. Two lectures and one three-hour laboratory period a week. (BERESFORD)
- 161 Irrigation Practice** 2 or 3 credits First semester
The place of irrigation in western agriculture; use of irrigation water by crops; the application and conservation of water; time and amount of irrigation; drainage and alkali; irrigation institutions. The laboratory work includes a study of water measurement, irrigation pumps and elementary surveying, the layout of ditches, and the preparation of land for irrigation. Two lectures and one three-hour laboratory period a week. May be taken without the laboratory. Prerequisite: Junior standing. (KULP)
- 164 Irrigation Systems** 2 credits Second Semester
The operation and maintenance of irrigation systems. The delivery of water and the keeping of records. Factors which contribute to the success of projects. Two lectures a week. Prerequisite: A.E. 161. (KULP)
- 181-182 Agricultural Engineering Thesis** 1 credit Each semester
(BERESFORD, KULP)
- Primarily for Graduates*
- 201-202 Seminar** 1 credit Each semester
(BERESFORD, KULP)
- 203-204 Research** Credits to be arranged Each semester
Special problems in farm power and machinery, rural structures, and land reclamation. (BERESFORD, KULP)

AGRONOMY

Professor HULBERT, Assistant Professors MICHELS and BELL,
Mr. YOUNGSTROM, Mr. DALY

Primarily for Undergraduates

- 1 General Crop Production** 4 credits First semester
An introductory course dealing largely with the principal factors underlying crop production. Discussions and recitations, upon the classification, distribution, improvement, cultural practices, harvesting, and marketing of grain and forage crops. Laboratory time is devoted to a study of the botanical characteristics and identification of crop plants and seeds. Freshman year. Three lectures and one three-hour laboratory period a week. (HULBERT)

- 51 General Soils** 4 credits First semester
An elementary course dealing with the formation of soils, their physical properties, and adaptation to agricultural uses. Three lectures and one three-hour laboratory period a week. Prerequisite: Agron. 1. Sophomore standing. (BELL, DALY)

For Advanced Undergraduates and Graduates

- 100 Advanced Crop Production** 3 credits Second semester
Recitations and assigned readings on grain, forage, and small-seed production. Botanical classification, varietal studies, plant and seed identification are covered in the laboratory. Junior year. Two lectures and one three-hour laboratory period a week. Prerequisite: Agron. 1. (HULBERT)
- 101 Genetics** 4 credits First semester
The general principles of genetics, theories of heredity, evolution, variation, and Mendelism, including the application of these principles to crop and animal breeding. Junior year. Three lectures and one three-hour laboratory period a week. Prerequisite: Agron. 1. (MICHELS)
- 102 Crop Improvement** 4 credits Second semester
A continuation of Agron. 101, considering methods used in breeding crops and the practical application of the principles studied in genetics. Methods of conducting agronomic experiments, care and management of plots, and interpretation of data. Three lectures and one three-hour laboratory period a week. (MICHELS)
- 104 Commercial Grading and Marketing** 2 credits Second semester
The commercial grading and marketing of small grains and hay. Laboratory grading of samples by federal grade standards. This course should be taken by students in competitive judging. Junior or Senior year. One lecture and one three-hour laboratory period a week. Prerequisite: Agron. 1. (HULBERT)
- 105 Seed Judging and Grading** 2 credits First semester
Botanical classification, varietal studies, and the judging of small grains, corn, and legumes, are covered in the laboratory. This course should be taken by students interested in competitive judging. Junior or Senior year. Three two-hour periods a week. Prerequisites: Agron. 1 and 104. (HULBERT)
- 106 Seed Analysis and Identification** 3 credits Second semester
Recitations cover weed dissemination, habits of growth, and control measures; legislative measures for sale of seed; weed control. Laboratory analysis of seed for purity and germination; identification of weed plants and seeds. Senior year. One lecture and one three-hour laboratory period a week. Prerequisite: Agron. 1. (HULBERT)
- 107 Advanced Judging and Grading** 1 credit First semester
A continuation of Agron. 105.
- 109 Grading and Marketing of Peas and Beans** 2 credits First semester
A study of federal grading standards, processing methods, utilization and marketing of peas and beans. Junior or senior year. One lecture and one three-hour laboratory period a week. Prerequisite: Agron. 1. (HULBERT)
- 110 Farm Management** 3 credits Second semester
Qualifications of a farmer, choice of farming region, types of farming, crop rotation as related to farm management, cost of producing farm products, labor, equipment, capital, land rental, and marketing. Senior year. Prerequisites: Agron. 1 and 51. (YOUNGSTROM)
- 113-114 Pro-Seminar** 1 credit Each semester
A review of Experiment Station literature; papers by members of

the department on investigations in progress; papers by students on special topics. Senior year. One hour a week. (HULBERT)

115-116 Undergraduate Research 1 to 3 credits Each semester

Problems in crops or soils. Students preparing for federal or state experiment station work should complete a research problem. Results are to be written up as a technical paper. Amount of credit to be arranged after consultation. (HULBERT, BELL)

152 Soil Physics 3 credits Second semester

An advanced course covering the mechanics of soil moisture, temperature, tilth, etc. The most important physical properties serving as an index to the texture and moisture-holding capacity will be studied. Senior year. Two lectures and one three-hour laboratory period a week. Prerequisite: Agron. 51. To be given in alternate years. Not offered 1935-36. (BELL)

153 Advanced Soil Fertility 2 credits First semester

Advanced course covering the field of soil fertility by means of lectures, recitations and special readings. Particular emphasis will be placed upon chemical and colloidal inter-relations of soils, plant nutrition and soil amendments. Senior year. Two hours of recitation per week. Prerequisites: Agron. 51 and Ag. Chem. 112.

154 Origin and Classification of Soils 3 credits First semester

A study of the rocks and minerals from which soils are derived and a discussion of the processes of soil formation. The Bureau of Soils' method of soil mapping. Field work in the mapping of soils. Junior year. Two lectures and one three-hour laboratory a week. Prerequisite: Agron. 51. (BELL)

156 Soil Management 2 credits Second semester

A consideration of the plant-food content and the fertility of different soil types; principles underlying the management of soils in the humid, arid, and semi-arid regions, and the utilization of fertilizers and manures. Senior year. Two lectures a week. Prerequisite: Agron. 51. (BELL)

Primarily for Graduates

213-214 Research 3 to 5 credits Each semester

Open only to graduates taking advanced work in Agronomy. Problems in plant breeding, crop production or soil physics and management may be selected. A thesis is required. (HULBERT, BELL)

215-216 Seminar 1 credit Each semester

Review of experimental work. Papers by members of the department on investigations in progress. Student reports on special topics. One hour a week. (HULBERT)

218 Advanced Genetics 3 to 5 credits Second semester

A study of methods of genetic testing and analysis. Particular attention given to formation of hypotheses explaining genetic phenomena. A critical study made of a number of the best examples of genetical analysis to be found in the periodical literature. Laboratory analysis of experimental data on cereals, corn, and "unknown" stock of *Drosophila*. Prerequisite: Agron. 101, or An. Hus. 112. (MICHELS)

AMERICAN HISTORY

Professor BROSNAN

Primarily for Undergraduates

21-22 History of the Americas 3 credits Each semester

A general survey course covering history of nations of North America, Central America, and South America. Representative topics:

planting of colonies in New World with special emphasis on founding of thirteen British colonies in North America; rise and fall of New France; Latin-American independence; republics of South America, Central America, and the Caribbean; Pan-Americanism; Panama canal; and international relations of Latin America. (BROSNAN)

61 Growth of the United States, 1789-1865 3 credits First semester

Study of the nation's history from establishment of government under Constitution to Reconstruction. Leading topics: Federalists; Thomas Jefferson; War of 1812-15; Rise of Nationalism; Slavery; Secession; and Civil War. (BROSNAN)

62 America a World Power, 1865-1936 3 credits Second semester

From Civil War to present time. Representative topics: political, social and economic reconstruction; big business; Spanish-American War; Theodore Roosevelt; Woodrow Wilson and world war; war's aftermath; Coolidge post-war boom; gilded age and machine age; great depression; prohibition; unemployment; collapse of individualism; N.R.A. and "New Deal." (BROSNAN)

For Advanced Undergraduates and Graduates

112 Sectionalism and Civil War 3 credits Second semester

Intensive study of period of 1830 to 1865. Jacksonian Democracy; slavery in territories; growth of anti-slavery sentiment; gradual separation of sections; secession; the Civil War, 1861-1865. Prerequisites: Hist. 1-2, or 13-14, or 21-22. (Not given in 1935-36.) (BROSNAN)

115 Beginnings of American Diplomacy 3 credits First semester

Study of history of foreign relations of United States from Independence to Civil War. Diplomacy of the American Revolution; the Confederation; establishment of Department of State under Constitution; diplomacy of Jefferson; War of 1812-1815; Monroe Doctrine; and Diplomacy of Expansion. Prerequisites: Hist. 1-2, 13-14, or 21-22, or Junior standing. (BROSNAN)

116 History of American Diplomacy Since Civil War

3 credits Second semester

Diplomatic problems of Civil War and reconstruction; Pan-Americanism; New Monroe Doctrine; emergence from isolation and Spanish war; path of empire; Panama canal and the Caribbean; League of Nations; World Court; World Bank; world depression; war debts; quest for peace; today's world problems. Prerequisites: Hist. 1-2, or 13-14, or 21-22, or Junior standing. (BROSNAN)

121 The Reconstruction Period 3 credits First semester

A detailed survey of American history since the Civil War. Reconstruction and adjustment; recuperation and development; Granger and Greenback movements; Cleveland era; populism; free silver; and revolt of the West. Prerequisites: Hist. 1-2, or 13-14, or 21-22. (Not given in 1935-36.) (BROSNAN)

123 The Pacific Northwest 2 credits First semester

International contest for Northwest coast; discovery of the Columbia river; Lewis and Clark; British and American fur trade; missionaries; migration over Oregon Trail; Oregon boundary; placer gold era; from mining camps to towns and cities; emergence of territories and states. Prerequisites: Hist. 1-2, or 13-14, or 21-22, or Junior standing. (BROSNAN)

124 Idaho and the Inland Empire 2 credits Second semester

Idaho fur trade in relation to British and American operations; missionaries; Oregon Trail; earliest surveys; placer gold; territorial organization; Indian wars; coming of railroads; progress in mining; forestry, and agriculture; irrigation; since World war. Prerequisites: Hist. 1-2, or 13-14, or 21-22, Junior standing. (BROSNAN)

- 127 American Frontier** 3 credits First semester
History of westward-moving pioneers across continent and their occupation of these seven major frontiers: Atlantic Coast, Falls Line, Appalachian Barrier, Ohio Valley, Mississippi Valley, Upper Bend of Missouri, and Pacific Coast Frontiers. Representative topics: Daniel Boone's Wilderness Road; "Down-the-Ohio"; Conquest of Old Northwest; Louisiana; Aaron Burr; Cumberland Road; Oregon and the Santa Fe Trails; Mormons; "Forty-Niners"; Union Pacific Railway; and passing of the Last Frontier. Prerequisites: Hist. 1-2, or 13-14, or 21-22, or Junior standing. (BROSAN)
- 128 Teachers' Course in American History** 2 credits Second semester
Place of American History in secondary school curriculum; subject matter available for secondary school courses; and methods of teaching the subject. Required of American History majors. Prerequisites: Hist. 1-2, or 13-14, or 21-22. (BROSAN)
- Primarily for Graduates*
- 211-212 Problems in the History of the West** 2 credits Each semester
Detailed studies of topics in the History of the West and its influence on national and international affairs at each stage of advance. Emphasis will be on Trans-Mississippi West. Lectures, discussions, and reports. A comprehensive knowledge of American History is assumed. (BROSAN)
- 225-226 Research in American History**
Credits to be arranged Each semester
Supervised individual investigation of topics selected in conference with the instructor and documented reports embodying the results of research. Open to graduates and properly qualified advanced students of American History. (BROSAN)
- 227-228 Seminar in American History** 2 credits Each semester
Intensive studies and discussions of reports presented in American History. The special interests of the students will be considered in the selection of the fields of study. Open to graduates and properly qualified advanced students of American History. (BROSAN)

ANIMAL HUSBANDRY

Professor HICKMAN, Associate Professors NORDBY and GILDOW

Primarily for Undergraduates

- 1 The Livestock Industry** 5 credits First semester
History and development; principles underlying the production and distribution of livestock and livestock products; relation to agriculture and other industries; commercial types of horses, cattle, sheep, and swine; characteristics and adaptation of the various breeds. Lectures, problems, reference reading. Approximately twenty per cent of the time will be devoted to the poultry industry. Breeds and varieties; judging for egg production; feeding and management. Three lectures and two three-hour laboratory periods each week. Required of Sophomores in Agriculture. Livestock: (NORDBY); Poultry: (LAMPMAN)
- 70 Sanitary Science** 1 credit Second semester
Common diseases and accidents of livestock in national forests, with modes of prevention. Emphasis is placed on diseases transferable to man. For Forestry students. One lecture a week. (GILDOW)
- For Advanced Undergraduates and Graduates*
- 103 Breed Types of Livestock** 2 credits First semester
Early history, development, and breed characteristics of the various improved breeds of domestic animals. Practice work in judging repre-

representatives of the various breeds according to standards set by breed associations and by the show-ring. One lecture and one three-hour judging period a week. Required of Juniors in Animal Husbandry. Prerequisite: A. H. 1. (NORDBY)

104 Livestock Judging 1 credit Second semester

The judging of horses, cattle, sheep, and swine in groups with reference to breed and market types. One three-hour judging period a week. Prerequisites: A. H. 1 and 103. (HICKMAN)

106 Animal Nutrition 3 credits Second semester

Physiology of nutrition: digestion, absorption, metabolism, protein requirements, energy requirements, and utilization. Feeding stuffs; digestible nutrients, energy values, classification, description and use of feeds. Feeding; maintenance, growth, and production requirements. Required of Juniors in Animal Husbandry. Three lectures a week. Prerequisite: Chem. 53. (HICKMAN)

111 Advanced Livestock Judging 1 credit First semester

Continuation of A. H. 104, primarily for Seniors: Excursions are made to livestock farms and shows within the reach of the University. One three-hour judging period a week. Prerequisite: A. H. 104. (HICKMAN)

112 Animal Breeding 3 credits Second semester

Coordination of physiological background; general laws of heredity; methods of investigation; interpreting experimental data; application of principles to livestock improvement; problems and reference reading. Three lectures a week. Required of students in Animal Husbandry. Prerequisite: Zool. 1. (NORDBY)

113 Meat 2 credits First semester

Butchering, curing, and care of meats; yield, quality, and values of meat and by-products as influenced by breeding, feeding, and health of meat animals; market classes, grades, and cuts of meat in wholesale and retail markets. Through courtesy of the Hagan and Cushing Co., students have opportunity to study killing, dressing, and curing of meats in the company's government-inspected packing plant. Lectures; practice. Prerequisites: A. H. 1 and Junior standing in the College of Agriculture. (HICKMAN)

114 History of Breeds 3 credits Second semester

History and development of the leading breeds of horses, beef cattle, sheep, and swine. Methods of constructive breeders; tabulation of pedigrees; influence of families; work of breed associations. Lectures, assigned readings, and problems. Prerequisite: A. H. 103. (HICKMAN, NORDBY)

116 Meat 1 credit Second semester

A study of the factors affecting the quality and palatability of meat; identification and selection of wholesale and retail cuts of meat. One hour period a week. This course is offered for students in Home Economics. (HICKMAN)

137 Horse Production 1 credit First semester

Problems of horse husbandry; breeding, feeding, and management. Lectures and reference reading. One recitation hour a week. Prerequisites: A. H. 1 and 106. Senior year. (NORDBY)

140 Livestock Farming 2 credits Second semester

The physical and economic factors as they may determine the type of farming. The coordination of land, labor, and capital employed in the economic organization of livestock production involving the various classes of livestock. Planning livestock farming enterprises. Senior year. Two lectures a week. Prerequisite: A. H. 106. (NORDBY)

- 141 Livestock Production** 4 credits First semester
Breeding, feeding, management, and marketing of commercial and purebred beef cattle, hogs, and sheep. Four lectures a week. Prerequisites: A. H. 1 and 106. Senior year. (HICKMAN, NORDBY)
- 142 Range Livestock Management** 2 credits Second semester
A study of grazing lands, range plants, water development, and the methods of handling cattle and sheep on the range. Two lectures a week. Prerequisite: A. H. 141. Senior year. (HICKMAN)
- 157-158 Pro-Seminar** 1 credit Each semester
Investigation in selected lines of Animal Husbandry. Senior year. (HICKMAN, NORDBY, GILDOW)
- 159-160 Thesis** 1 credit Each semester
Required for graduation in Animal Husbandry. (HICKMAN, NORDBY, GILDOW)
- 171 Comparative Anatomy and Physiology** 4 credits First semester
A comparison of the structures and functions of the systems of the domestic animal with special attention to the skeletal, digestive, reproductive, circulatory systems and endocrine glands. Special problems permit students to study specific species. Three class periods, one laboratory weekly. (GILDOW)
- 174 Animal Diseases (infectious)** 3 credits Second semester
A study of the cause, transmission, susceptibility, symptoms, diagnosis, prevention and control of major infectious diseases and parasites of domestic animals. Specific problems permit students to specialize in one or more species. Three class periods weekly. (GILDOW)
- 175 Parasites and Parasitosis of Domestic Animals** 3 credits First semester
A study of the life cycle, distribution, economic importance and control of insects, ticks, mites, roundworms, flat worms, protozoa and other parasites of domestic animals. The pathology of the host and the importance of parasites as vectors of disease will be considered. Two lectures and one laboratory period weekly. Prerequisite: Junior standing. (GILDOW and SHULL*)
- 176 Animal Diseases (non-infectious)** 2 credits Second semester
A consideration of the general factors related to diseases of and first aid for farm animals; symptoms; diagnosis; the farm medicine chest; wound treatment; dehorning; castrating; docking; unsoundness; physical examination; obstetrics; diseases of the feet, bones, joints, digestive and reproductive organs; nutritional diseases; and plant and mineral poisons. One lecture and one laboratory period weekly. (GILDOW)
- Primarily for Graduates*
- 201-202 Research** Credits to be arranged Each semester
(HICKMAN, NORDBY, GILDOW)

ART and ARCHITECTURE

Assistant Professor PRICHARD, Mr. MELZIAN, Miss KIRKWOOD

ARCHITECTURE

Primarily for Undergraduates

- 11-12 Elementary Architectural Design** 2 credits Either semester
Lectures on the elements of architecture, followed by problems in line and space, using the simpler architectural elements. Shades and shadows and application of washes are introduced. Three hours of drawing twice a week. (MELZIAN)

*Department of Entomology.

- 13 Shades and Shadows** 1 credit First semester
Elementary shades and shadows. (MELZIAN)

- 14 Architectural Perspective** 1 credit Second semester
Discussion of the phenomena of perspective and methods of representing distance, followed by exercises in drawing architectural perspectives. Three hours drawing once a week. Prerequisite: Arch. 13. (MELZIAN)

For Advanced Undergraduates and Graduates

- 113-114 Intermediate Architectural Design** 3 credits Each semester
A series of problems in architectural composition and planning. Three hours of drawing three times a week. Prerequisite: Arch. 11-12. (MELZIAN)

- 115-116 Architectural Design** 4 credits Each semester
A continuation of Arch. 113-114. Three hours of drawing four times a week. Prerequisite: Arch. 113-114. (PRICHARD)

- 117-118 Advanced Architectural Design** 5 credits Each semester
A continuation course in architectural design. Elective for students who have completed Arch. 116. Three hours five times a week. (MELZIAN)

- 131-132 Architectural History** 3 credits Each semester
A study of ancient architecture; the Romanesque period; the Gothic period; Renaissance and modern architecture. Three lectures a week. (MELZIAN)

- 133-134 Building Construction** 3 credits Each semester
The nature and properties of materials used in building construction. Methods of construction. Three lectures or recitations a week. Prerequisite: Arch. 11-12. (MELZIAN)

- 136 Mechanical Plant of Building** 3 credits Second semester
The mechanical plant in its relation to the architectural problem. Insulation, acoustics, plumbing, and electrical installation, their fundamental principles and their application in the details of modern work. Three lectures a week. (MELZIAN)

ART

Primarily for Undergraduates

- 1-2 Freehand Drawing** 2 credits Either semester
The principles of freehand drawing and the elements of composition. Two three-hour laboratory periods a week. No prerequisites: (PRICHARD)

- 3-4 Principles of Design** 2 credits Either semester
Principles of design in line, value, and color, to develop power of appreciation and creation of good design. (KIRKWOOD)

- 5-6 Life Drawing** 2 credits Either semester
Drawing from life and nature. For students who enter with advanced credit, or can show skill. Credit will be allowed for both Art 1-2 and 5-6. (KIRKWOOD)

- 51-52 Art Appreciation** 2 credits Each semester
A consideration of the elements of beauty in the various arts. Slides, lectures and discussion of painting, sculpture, and other arts. The various viewpoints: the philosopher, the artist, the layman. (PRICHARD)

For Advanced Undergraduates and Graduates

- 101-102 Water Color Painting** 2 or 3 credits Each semester
Development of water color technique. Sketching from still life and from nature. Three hours each week per credit. Prerequisite: Art 1-2, or 5-6. (PRICHARD)

- 103-104 Applied Design** 2 credits Each semester
Advanced design and the crafts. Prerequisite: Art 3-4. Two three-hour laboratory periods a week. (KIRKWOOD)
- 105-106 Intermediate Freehand Drawing** 2 or 3 credits Each semester
Advanced drawing from life and nature. Three hours each week per credit. Prerequisites: Art 1-2 or 5-6 and 3-4. (KIRKWOOD)
- 107-108 Oil Painting** 3 credits Each semester
Technique of oil painting; the palette. Painting from still life and nature. Prerequisites: Art 1-2 or 5-6. Three three-hour periods a week. (KIRKWOOD)
- 121 Alphabets** 2 or 3 credits First semester
Mechanics of lettering and a study of historic style. Prerequisite: Junior standing. (PRICHARD)
- 122 Advertising Layout** 2 credits Second semester
The layout of advertising matter for newspaper and magazine work. Relation of type to cut, spacing, balance, methods of reproduction. Pencil layout and the criticism of good and bad examples. Prerequisite: limited to advertising majors and advanced art students. (MELZIAN)
- 123-124 Composition and Illustration** 3 credits Each semester
A study of the technique of composition and illustration. Three three-hour laboratory periods a week. Prerequisites: Art 1-2; 105-106 or 107-108. (KIRKWOOD)
- 125-126 Modeling and Casting** 2 credits Each semester
Modeling in clay; piece, waste, and elastic moulds. Casting in plaster. Classes limited. Two three-hour laboratory periods a week. Prerequisite: Art 106 or 108. (PRICHARD)
- 127-128 Advanced Freehand Drawing** 3 credits Each semester
Individual problems in various media. Three three-hour laboratory periods a week. Prerequisite: Art 106. (PRICHARD)
- 129-130 History of Painting** 2 credits Each semester
A technical study of the great painters of history. Preliminary for students majoring in Art. Prerequisite: Art 51-52 or Junior standing. (KIRKWOOD)
- 141-142 Advanced Oil Painting** 2 to 4 credits Each semester
Prerequisite: Art 107-108. (KIRKWOOD)
- 143-144 Pottery** 2 credits Each semester
Hand-built pottery; use of wheel; glazing and firing. Classes will be limited. Prerequisite: Junior standing. (PRICHARD)
- 161-162 Pro-Seminar** Credits to be arranged Each semester
Critical readings in the field of Art. Drawings and reports. (PRICHARD)

BACTERIOLOGY

Professor HALVERSEN, Mr. CHERRINGTON, Mr. SCHILLING

Primarily for Undergraduates

- 51 General Bacteriology** 4 credits Either semester
A general survey of the field of Bacteriology, designed for students in the General Science courses and as a foundation for advanced work in the subject. Two lectures and two three-hour laboratory periods a week. Prerequisite: Chem. 1. Organic Chemistry is recommended. (HALVERSEN, CHERRINGTON)

- 54 Public Health** 3 credits Second semester
Applied hygiene and sanitation from the standpoint of bacteriological and related sciences. The prevention of communicable diseases; environment in relation to health and disease. (HALVERSEN)

For Advanced Undergraduates and Graduates

- 104 Pathogenic Bacteria** 4 credits Second semester
A study of the most important disease-producing organisms. Emphasis is placed on cultural, biochemical and morphological characteristics which serve as a means of their identification. Two lectures and two three-hour laboratory periods a week. Prerequisite: Bact. 51. (CHERRINGTON)
- 106 Dairy Bacteriology** 3 credits First semester
A study of the number of bacteria in milk, butter, cheese, ice cream, and other dairy products; isolation and study of specific groups; effect of common farm dairy practices on the number of bacteria in milk, etc. One lecture and two three-hour laboratory periods a week. Prerequisite: Bact. 51. (CHERRINGTON)
- 107 Food Bacteriology** 4 credits First semester
Principles underlying the curing, ripening and preservation of food products. A practical working basis for ascertaining the decomposition limits of food suitable for human consumption. Methods of micro-analysis used by state and federal bureaus for food inspection. Two three-hour laboratory periods and two lectures a week. Prerequisite: Bact. 51. (HALVERSEN)
- 108 Bacteriological Technique** 3 credits Second semester
Preparation of special cultural media, special staining methods, and problems involving special technique. One lecture and two three-hour laboratory periods a week. Prerequisite: Bact. 51. (CHERRINGTON)
- 109 Immunology** 3 credits First semester
An intensive study of the theory of immunity, with animal experiments in the production of immune sera, use of vaccines, preparation and testing of vaccines, sera, toxins, and antitoxins. One lecture and two three-hour laboratory periods a week. Prerequisites: Bact. 51 and 104. (SCHILLING)
- 110 Serology** 3 credits Second semester
A continuation of Bact. 109. Hematology, complement fixation and serum reactions are emphasized. Prerequisites: Bact. 51, 104 and 109. (SCHILLING)
- 111-112 Bacteriological Literature (Pro-Seminar)**
Credits to be arranged Each semester
(HALVERSEN or CHERRINGTON)
- 113 Public Health Methods** 2 to 4 credits Either semester
Bacteriological methods employed in public health laboratories in the diagnosis of diseases, identification of organisms, and laboratory procedures as an aid of epidemiology. Designed to prepare students for public health laboratory service. Laboratory and lectures to be arranged. Prerequisites: Bact. 51 and 104. (CHERRINGTON or HALVERSEN)
- 115-116 Special Problems** 1 or 2 credits Each semester
(HALVERSEN or CHERRINGTON)
- 121 Clinical Diagnosis** Credits to be arranged Either semester
A course covering pathological and bacteriological methods used in hospital and public health laboratories. Laboratory work and lectures to be pursued in approved and designated hospital or public health laboratories containing suitable equipment and instruction to be given by indi-

viduals whose preparation would fit them for positions on the university faculty. Prerequisites: Bact. 51 and 104.

Primarily for Graduates

201-202 Seminar	1 credit	Each semester
211-212 Research (HALVERSEN)	Credits to be arranged	Each semester

BOTANY

Professor GAIL, Assistant Professor DIETERT, Mr. MULLEN, Miss ALLEN, Mr. WORLEY

Primarily for Undergraduates

- 1-2 General Botany** 4 credits Each semester
Study of the cell and its functions, followed by a general survey of the entire plant kingdom, beginning with the lower forms. Elementary morphology, physiology, and anatomy of plants. Two lectures and two laboratory periods a week. (GAIL, DIETERT, ALLEN, WORLEY)
- 3 Principles of Botany** 4 credits Either semester
A course designed to acquaint the student with the principles of botany which play an important part in biological thought and to bring the student in contact with the plant life about him. Two lectures and two three-hour laboratory periods a week. (MULLEN, ALLEN)
- 11 General Agricultural Botany** 5 credits First semester
The fundamentals of Botany with special reference to agricultural subjects; designed to serve as a basis for the work in Plant Physiology and Plant Pathology and the technical courses of the College of Agriculture. Two lectures, one quiz, and two laboratory periods a week. (DIETERT, ALLEN)
- 53-54 Systematic Botany** 3 credits Each semester
Begins with a study of the lower seed plants and progresses toward the higher types. The monocotyledonous plants will be studied the first semester with special emphasis on the grasses; dicotyledonous plants are studied the second semester. Prerequisites: Bot. 1-2, 3 or 11. (GAIL, MULLEN, ALLEN)

For Advanced Undergraduates and Graduates

- 101-102 Plant Physiology** 4 credits Each semester
The physics, chemistry, growth, and movement of plants. Two lectures and two laboratory periods a week. Prerequisites: Bot. 1-2, or 11 and Chem. 1 and 2. (GAIL)
- 104 Plant Anatomy** 4 credits Second semester
Study of tissues of vascular plants from the standpoint of origin, development, and function. Technique of killing, staining, and mounting material for permanent microscopic preparations. Two lectures and two laboratory periods a week. Prerequisites: Bot. 1-2, 3, or 11 and Chem. 1-2. (DIETERT)
- 105 Plant Ecology** 3 credits First semester
Comparative study of plant tissues from the standpoint of origin and rôle, followed by field work in greenhouse and fields near the University and some work in adjacent mountains. Two lectures and three laboratory hours a week. Prerequisites: Bot. 1-2, 53-54, and 101-102. (MULLEN)

- 110 The Teaching of Botany** 2 credits Second semester
The aim is to acquaint the students with the methods of teaching botany in the high school. Materials, a review of subject matter, and texts will be considered. Two lectures a week. Prerequisites: Bot. 1-2 and 53-54. (MULLEN)
- 111 Morphology of the Fungi** 4 credits First semester
A course planned to acquaint the student with a knowledge of the different groups of fungi and their economic importance. Two lectures and six laboratory hours a week. Prerequisites: Bot. 1-2, 3 or 11, Junior standing. (DIETERT)
- 112 Taxonomy of the Fungi** 3 credits Second semester
Collection, identification, and classification of the higher fungi; the relation of their occurrence to environmental factors. One lecture and six laboratory hours a week. Prerequisites: Bot. 1-2 or 11, 53-54 and 111. (DIETERT)
- 121 Morphology of Thallophtes and Bryophytes** 4 credits First semester
A thorough study of a series of algae and mosses forms the basis of lectures upon the morphology, life histories and classification of these groups. Two lectures and two laboratory periods a week. Prerequisites: Bot. 1-2 and 53-54. (DIETERT)
- 122 Morphology of Pteridophytes and Spermatophytes** 4 credits Second semester
A continuation of course 121. Two lectures and two laboratory periods a week. Prerequisites: Bot. 1-2, 53-54, and 121. (DIETERT)
- 123-124 Thesis** 1 or 2 credits Each semester
- 125-126 Pro-Seminar** 1 credit Each semester
Review of current literature; presentation of original work. Can be taken only by consent of the instructor. (GAIL, DIETERT, ALLEN, MULLEN)

Primarily for Graduates

- 203 Plant Physics** 3 credits Second semester
Elements of biophysics applied to plants and their environment. Two lectures and one laboratory period a week. Prerequisites: Chem. 51-52 and 101-102. (GAIL)
- 206 Advanced Plant Ecology** 3 credits Second semester
Two lectures or recitations, and one laboratory period a week. Prerequisite: Bot. 105. (GAIL)
- 207-208 Advanced Taxonomy** 2 to 5 credits Each semester
Taxonomy and morphology of special groups of plants. Prerequisites: Bot. 1-2, 53-54, and 121-122. (GAIL)
- 209 Plant Cytology** 4 credits First semester
A study of the structure of the plant cell with special attention given to its bearing upon reproduction and evolution. Prerequisites: Bot. 53-54, 121-122, 104, and 101-102, and Chem. 1-2. (GAIL)
- 221-222 Botanical Seminar** 1 credit Each semester
Review of current journals; presentation of research work done or in progress. (GAIL)
- 231-232 Research** Credits to be arranged Each semester
Students with sufficient preparation may be assigned to research problems in physiology, ecology, morphology, mycology, and taxonomy. (GAIL)

BUSINESS ADMINISTRATION

Professor FARMER; Associate Professor GRAUE; Assistant Professors*
 DAVISON, REIERSON,* TJERANDSEN, VOGEL,† WILDE;
 Miss GALLAGHER, Mr. MOORE, PROFESSOR KERR

Primarily for Undergraduates

- E-F Typewriting** No credit Each semester
 Previous training not required. (REIERSON)
- G-H Advanced Typewriting** No credit Each semester
 Open to anyone who has had one year of typewriting. (REIERSON)
- ‡15n-16 Shorthand** 3 or 4 credits Each semester
 A beginning course in Gregg shorthand. Students unable to type at the rate of 45 words a minute, with 10 or less errors, for 15 minutes must register for four credits. (REIERSON)
- 27 Business Organization** 3 credits Second semester
 Types of enterprise, including cooperative associations and socialization. (GRAUE)
- ‡71-72 Intermediate Dictation** 3 or 4 credits Each semester
 Dictation from material so graded and classified as to be effective in the development of shorthand speed, and so varied as to give the student an extensive general and business vocabulary. Students unable to type at the rate of 60 words a minute, with 10 or less errors, for 15 minutes must register for four credits. Prerequisites: Bus. 15n-16 or two years of high school shorthand.
- 73-74 Expert Dictation** 2 credits Each semester
 Advanced dictation and court reporting. Prerequisite: a speed of 125 words a minute. (REIERSON)
- 76 Office Practice and Procedure** 2 credits Second semester
 Training in the various methods of filing; use of mimeograph, multi-graph, dictaphone, the telephone, and telegraph. Secretarial ethics and standards. Prerequisite: Bus. 15n-16. (Given in alternate years. Not given 1935-36.) (REIERSON)
- 81-82 Principles of Accounting** 3 credits Each semester
 An introduction to the science of accounting. A survey of the fundamentals of bookkeeping which proceeds rapidly into the theory and mechanism of modern accounting, and the account interpretation. Lectures and laboratory. Prerequisite to all other courses in accounting. (WILDE, MOORE)

For Advanced Undergraduates and Graduates

- 107 Transportation** 3 credits First semester
 Railroad transportation, with minor consideration of ocean, automotive, and air transportation. (DAVISON)
- 113 Statistics** 3 credits First semester
 Elementary principles of statistics as applied in the scientific study and interpretation of economic phenomena. (VOGEL)
- 124 Financial Administration** 3 credits Second semester
 The financial problems of business enterprises. (FARMER)

*On leave, 1934-35, replaced by Miss Gallagher.

†On leave, 1934-35, replaced by Assistant Professor Tjerandsen.

‡Students who enter the University of Idaho with two years of high school shorthand will continue in Bus. 71-72. Those who have had one year of shorthand may take Bus. 16, but in many cases it will be advisable to register for Bus. 15n in review without credit for one semester.

- 126 Analysis of Financial Statements** 2 credits Second semester
(Not given 1934-35.)
- 129-130 Retail Merchandising** 3 credits Each semester
Types of retail stores, problems of location, buying, merchandising, and store management. Prerequisite: Bus. 169. (DAVISON)
- 132 Sales Management** 3 credits Second semester
Responsibility of sales management to business and society. Paying, selecting, and training salesmen. Market research; sales planning and sales strategy. Coordination of sales effort with other departments. (Not given 1935-36.) Prerequisite: Bus. 169. (DAVISON)
- 134 Industrial Management** 3 credits Second semester
The individual business and its conditioning factors of location, plant and equipment, materials, production control, organization, cost control and personnel policies. (MOORE)
- 136 Investments** 3 credits Second semester
The general problem of investments and the merits of the various types of securities. Prerequisite: Bus. 124. (FARMER)
- 141 Foreign Trade** 3 credits First semester
Principles of international trade; tariff, foreign exchange, market development, dumping, foreign policies, trade agreements, merchandising. (DAVISON)
- 142 Foreign Trade Problems** 2 credits Second semester
Prerequisite: Bus. 141. (Not given 1935-36.)
- 152 Personnel Administration** 3 credits Second semester
The technique of employment management. (Omitted, 1935-36.) (MOORE)
- 162 Office Management** 2 credits Second semester
A study of the well organized business office, with special attention to selection and training of office workers. A thorough study of the various departments. Office standards. (Given in alternate years. Offered 1935-36.) (REIERSON)
- 165-166 Business Law** 3 credits Each semester
Legal aspects of common business transactions: contracts, sales, agency, partnership, corporations, guaranty and surety, bailment, and negotiable papers. (KERR)
- 167 Government Regulation of Business** 3 credits First semester
Purpose of control; formal and informal controls through legal and economic means; behavior and significance of costs under control; standards and data for guidance and censorship of control. The economic aspect of the New Deal will be critically analyzed from the control standpoint. (MOORE)
- 169 Marketing** 4 credits First semester
A description and analysis of the marketing processes, with an evaluation of marketing institutions and middlemen according to the functions they perform. Prerequisite: Econ. 51-52. (DAVISON)
- 175 Principles of Advertising** 3 credits First semester
The proper function of advertising. Elementary problems of space, type, copy, display, and media. Advertising and sales motivations and their use. Prerequisite: Junior standing. (DAVISON)
- 176 Retail Advertising** 2 credits Second semester
Emphasis on advertising for the retail store, with written exercises in layout and copy. Store display and sales promotions through advertising media. Prerequisite: Bus. 175. (DAVISON)
- 177 Insurance** 3 credits First semester
Principles and practice of life and property insurance. (FARMER)

- 181-182 Advanced Accounting** 3 credits Each semester
Analysis of financial statements, actuarial science, partnership and corporation accounting. Prerequisite: Bus. 81-82, or equivalent. (WILDE)
- 183 Auditing** 3 credits First semester
The mechanics of auditing, reports, and auditor qualifications. Prerequisite: Bus. 81-82 and 181-182. (WILDE)
- 184 Income Tax Accounting** 3 credits Second semester
A study of the federal income tax laws as they apply to accounting. (WILDE)
- 185n-186 Cost Accounting** 2 credits Each semester
Covering process and specific order costs. Should be taken in conjunction with Bus. 181-182. Prerequisite: Bus. 81-82. (WILDE)
- 187-188 C.P.A. Problems** 2 credits Each semester
Survey course using actual Institute problems as a basis. Individual guidance, without lectures. Examinations at completion of each unit. Prerequisite: Bus. 181-182 and 185-86. (WILDE)
- 191 Methods in Commercial Teaching** 3 credits First semester
The course of study of the high-school commercial department. Methods and practice-teaching. Open only to students who have taken Bus. E-F, 81-82, and 15n-16, or their equivalent. REIERSON)
- 193-194 Business Conditions** 3 credits Each semester
A study of prices, price movements, and tendencies; current theories of business cycles; guidance of economic activity. (GRAUE)
- 196 Undergraduate Thesis** Credits to be arranged Second semester
The preparation of a rather elaborate business study representing the results of investigation and analysis. Topics are selected with the advice of the member of the staff in charge of the student's major. Conferences, group meetings, discussion. (STAFF)
- 198 Advanced Statistics** 3 credits Second semester
Prerequisite: Bus. 113. (Given in alternate years. Offered 1935-36.) (VOGEL)

Primarily for Graduates

- 205-206 Seminar in Accounting** 2-4 credits Each semester
Students will be assigned one American Institute of Accountants examination each week for independent study. One class meeting per week for discussion of the assigned material. (WILDE)
- 211-212 Seminar in Business** 2-4 credits Each semester
The topic for investigation and discussion will be selected from the field in which the student is engaged. Open only to Graduate students. (STAFF)

CHEMISTRY*

Professor KOSTALEK; Assistant Professors CADY, DUSAULT, CONE, REED, and KLUG; Mr. MARTIN, Mr. TURINSKY,† Mr. TAYLOR, Mr. MOSER, Mr. RENFREW, Mr. SNYDER

NOTE.—A laboratory period consists of three consecutive hours.

DEPOSITS.—A deposit to cover breakage and materials is required each semester.

Primarily for Undergraduates

- 1 General Chemistry** 4 credits First semester
Lectures, lecture demonstrations, quizzes, problems and laboratory

*For Chemical Engineering Curriculum, see the College of Engineering section in Part III. For courses in Agricultural Chemistry and Soil Chemistry, see Agricultural Chemistry.

†On leave, 1934-35.

work. The laboratory work consists of a selection of representative experiments, including quantitative. Textbooks: Holmes' *Introductory College Chemistry*, University of Idaho *Laboratory Outline*. Two lectures, one quiz, and two laboratory periods a week. (KOSTALEK, DUSAULT, KLUG, MARTIN, TAYLOR, MOSER, RENFREW, SNYDER)

- 2 General Chemistry** 4 credits Second semester
Continuation of Chem. 1. The laboratory work consists of introduction to qualitative analysis, as a means of studying the general chemistry of cations. Periods as in Chem. 1. Prerequisite: Chem. 1. (KOSTALEK, DUSAULT, KLUG, REED, MARTIN, TAYLOR, MOSER, RENFREW, SNYDER)
- 51 Qualitative and Gravimetric Analysis** 4 credits First semester
Theory and practice of analysis. The laboratory practice includes the qualitative separation of cations and anions, with the gravimetric estimation of a number of selected cations and anions, accompanied by laboratory quizzes, equation writing and calculations. Textbooks: A. A. Noyes' *Qualitative Chemical Analysis*; Chapin's *Second Year College Chemistry*; and Hall's *Quantitative Analysis*. Two classes and two laboratory period a week. Prerequisites: Chem. 1 and 2. (CONE)
- 52 Quantitative Analysis (Volumetric)** 4 credits Second semester
Continuation of Chem. 51. The laboratory work consists largely of volumetric analysis, including about 30 calculations. Textbooks: Hall's *Quantitative Analysis*, and Chapin's *Second Year College Chemistry*. Periods per week and sections the same as for Chem. 51. Prerequisites: Chem. 1, 2, and 51. (CONE)
- 53 Elements of Organic and Analytical Chemistry** 4 credits First semester
(Laboratory practice in quantitative analysis and organic preparations). A condensed course of lectures, quizzes, and laboratory work, planned altogether for a special group of students in Agriculture. Textbooks: Barrett's *Elementary Organic Chemistry*, and Talbot's *Quantitative Chemical Analysis*. Two lectures and two laboratory periods a week. Prerequisites: Chem. 1 and 2. (TAYLOR)
- 54 Carbon Compounds** 3 credits Second semester
A course planned for students in Home Economics. Textbook: Barrett's *Elementary Organic Chemistry*. Three class periods a week. Prerequisites: Chem. 1 and 2. (TAYLOR)
- 101 Organic Chemistry** 4 credits First semester
Three lectures a week on the general principles and theories of organic chemistry. One laboratory period a week devoted to four discussions of the fundamental operations employed in organic laboratory practice, the preparation of from five to six types of organic compounds, and written quizzes. Textbooks: Norris' *Organic Chemistry*, and Norris' *Experimental Organic Chemistry*. Prerequisites: Chem. 1, 2, 51, and 52. (KOSTALEK, TAYLOR)
- 102 Organic Chemistry** 4 credits Second semester
Continuation of Chem. 101. Two lectures a week, with two periods of laboratory work including the preparation of 10 to 12 aliphatic and aromatic compounds, and the quantitative determination of carbon and hydrogen. (KOSTALEK, TAYLOR)
- 103 Advanced Quantitative Analysis** 1 to 4 credits First semester
Laboratory work designed for students in Chemical Engineering and such other students as may need to continue quantitative analysis beyond Chem. 52. One to four laboratory periods a week. Prerequisites: Chem. 1, 2, 51, and 52. (CADY)

- 104 Special Quantitative Analysis** 1 to 4 credits Second semester
Laboratory work, one 3-hour period a week for each credit. Prerequisites; Chem. 1, 2, 51, and 52. (Cady)
- 105-106 Physical Chemistry** 3 credits Each semester
An introduction to physical chemistry from the standpoint of kinetic theory, thermodynamics, and the constitution of matter. The two recitations a week are devoted to discussions, problems, and quizzes over the subject matter. The one laboratory period includes determinations of molecular weight, conductance, potential, viscosity, surface tension, solubility, and calorimetry. Prerequisites: Chem. 1, 2, 51, and 52; first-year college physics; and Math. 51 and 52. (Cady, Renfrew)
- 107 The Teaching of Chemistry** 2 credits Summer Session
A course designed for those who expect to teach Chemistry in secondary schools. By means of lectures, reports, and discussions the following are considered: aims, methods, principles of selection and emphasis, sources of material, laboratory equipment and instruction, modern text-books and laboratory manuals. Five periods a week. Prerequisites: Chem. 1, 2, 51, and 52, or their equivalent. (Not given in 1935-36).
- 108 Industrial Chemistry** 2 credits Second semester
A study of principles involved in chemical industries, with a discussion of raw materials, equipment, processes, products, and methods of control. Textbook: Read's *Industrial Chemistry*. Two class periods a week. Prerequisites: Chem. 1, 2, 51, 52, and 101. (Cady)
- 109-110 Thesis** 1 to 3 credits Each semester
Prerequisites: Chem. 1, 2, 51, 52, 101, and 102. (Departmental Staff)
- 111 Biochemistry** 3 credits First semester
An introduction to the chemistry of carbohydrates, lipins, proteins, the colloidal state, enzymes, digestion, tissues, blood, urine, and metabolism. Special emphasis is placed on the physical chemical principles involved. Three class periods a week. Prerequisites: Chem. 1, 2, 51, 52, 101, and 102. (Six to eight credits of Biological Sciences are desirable.) (Cone)
- 112 Biochemistry** 3 credits Second semester
A continuation of Chem. 111, with laboratory work consisting of preparations, qualitative and quantitative experiments on the fundamental procedures of biochemical laboratory practice, with special emphasis on blood and urine analysis. One class period and two laboratory periods a week. Prerequisite: Chem. 111. (Cone)
- 113 Chemical Engineering** 3 credits First semester
Three class periods a week on the unit operations of Chemical Engineering. Discussion and problems on fluid flow, heat transfer, evaporation, drying and diffusion. Textbook: Badger and McCabe's *Elements of Chemical Engineering*. Prerequisites: Chem. 1, 2, 51, 52, 101, 102, 108, and M.E. 121. (Cady)
- 114 Chemical Engineering** 4 credits Second semester
A continuation of Chem. 113, including problems and discussion of filtration, grinding, mixing, extraction, distillation, and gas absorption. The laboratory work is devoted to specialized technical analyses and performance tests on various types of equipment used in the unit operations. Two class periods and two laboratory periods a week. Prerequisite: Chem. 113. (Cady, Moser)

*Primarily for Graduates***201-202 Advanced Organic Chemistry** 1 to 3 credits Each semester

The lectures deal with selected phases of organic chemistry. Laboratory work consists of special preparations, and qualitative and quantitative organic analysis. Prerequisites: Chem. 101 and 102. (Cady)

203-204 Research Credits to be arranged Each semester

It is intended to place the working and instructional facilities of the department at the disposal of properly qualified graduate students. (DEPARTMENTAL STAFF)

205-206 Seminar 1 credit Each semester

Required of graduate students majoring in chemistry. Prerequisites: Courses approved by the Department. (DEPARTMENTAL STAFF)

207-208 Advanced Physical Chemistry 2 credits Each semester

A survey of the different divisions of the field, given from year to year by various members of the department. (In 1934-35, X-rays and Crystal Structure, KLUG.) Prerequisites: Chem. 101-102, and 105-106. (DEPARTMENTAL STAFF)

CIVIL ENGINEERING

Professor CRAWFORD, Assistant Professors CARIER, HOWARD and
BUCHANAN, Mr. JANSSEN, Mr. DAVIDSON, Mr. HARRIS,
Mr. WAMSTAD

*Primarily for Undergraduates***1 Engineering Drawing** 3 credits First semester

Freehand lettering; use of drawing equipment; principal view drawings; auxiliary views; sectional views; introduction to surface developments and intersections; isometric and oblique drawings; working drawings; a practical problem in drawing. One recitation and six hours per week in drawing room.

2 Descriptive Geometry 3 credits Second semester

Advanced orthographic drawing in principal views, auxiliary views, oblique views, and surface developments and intersections; problems in point, line, and plane; classification of lines and surfaces; practical problems in the application of engineering drawing and descriptive geometry. One recitation and six hours per week in drawing room. Prerequisite: C.E. 1.

3 Plane Surveying 4 credits First semester

Theory and use of transit, level, and minor instruments. Land surveying. Government method of laying out public lands. One recitation and nine hours of field work and computations a week. Prerequisites: Math. 11 and C.E. 1.

3a Plane Surveying 3 credits First semester

For students in Forestry and Mines. One recitation and six hours of field work and computations a week. Prerequisites: Math. 1 or Math. 11 and C.E. 1.

3b Plane Surveying 2 credits Second semester

A brief course in the theory and use of the transit, level, and other instruments, for Electrical, Mechanical, and Chemical Engineering students. One recitation and three hours of field work a week. Prerequisites: Math. 11 and C.E. 1.

4 Topographic Surveying 3 credits Second semester

A study of methods employed in making topographic surveys. A topographic survey of a given area, including calculations, and a map is made. One recitation and six hours in the field drafting room a week. Prerequisite: C.E. 3 or 3a.

- 6 Mechanics (Statics)** 2 credits Second semester
Composition and resolution of forces; laws of equilibrium; stresses in frames; centers of gravity; moments and products of inertia; analytic and graphic methods of solution. Prerequisites: Math. 51 and Phys. 11.
- 8 Plane Curves** 1 credit Second semester
Simple, compound, spiral, and parabolic curves. A recitation and problem course. Prerequisite: C.E. 3, or 3a.
- 10 Engineering Problems** 1 credit Second semester
Training in computation and analysis of engineering problems. One laboratory period a week. Open to Freshmen only.
- 11 Engineering Lectures** 1 credits First semester
A survey of the engineering professions.

For Advanced Undergraduates and Graduates

- 101 Mechanics (Dynamics)** 2 credits Either semester
A continuation of C.E. 6. Rectilinear motion; curvilinear motion; translation and rotation; work and energy; momentum and impulse. Prerequisites: Math. 51-52 and C.E. 6.
- 102 Framed Structures** 3 credits Second semester
The calculation of stresses in statically determinate framed structures by algebraic and graphic methods. Two recitations and three hours in the drafting room a week. Prerequisite: C.E. 103.
- 103 Mechanics of Materials** 3 credits First semester
The elasticity of materials; stress and strain; the theory of flexure; strength of riveted joints; column theory; combined stress; fatigue of metals. Prerequisites: Math. 51-52 and C.E. 6.
- 104 Hydraulics** 3 credits Second semester
The theory of hydrostatics and hydrodynamics, measurement of flow by weirs, orifices, and current meters; friction in pipes; flow in pipes, conduits, and canals; impulse and reaction wheels. Passing grade in both recitation and laboratory are necessary to obtain credit in the course. Two recitations and one laboratory period a week. Prerequisite: C.E. 101.
- 105 Highways and Streets** 2 credits First semester
Location and surveys of highways. Earth, sand-clay, gravel, and broken stone roads; bituminous surface; concrete, brick, wood, stone, and asphalt and other bituminous pavements. Prerequisites: C.E. 3 and 4.
- 106 Reinforced Concrete Theory** 2 credits Second semester
Theory of stress distribution in reinforced concrete beams, slabs, and columns. Prerequisite: C.E. 103.
- 107 Railroad Engineering** 2 credits First semester
Trackwork; easement curves; earthwork computations; the mass diagram. Prerequisites: C.E. 3, 4, and 8.
- 109 Materials Testing Laboratory** 1 credit First semester
The study of physical properties and the testing of steel, wrought and cast iron, timber, cement, and concrete. Three hours a week in laboratory. Prerequisite: To be taken with C.E. 103.
- 110 Advanced Mechanics of Materials** 2 credits First semester
Stresses in curved beams, hooks, flat plates, and rings; deformations of structures; impact stresses; moment-area principles. Prerequisite: C.E. 103. Elective.
- 111 Road Materials Laboratory** 2 credits Either semester
Investigation of road making materials. Prerequisite: C.E. 105. Elective.

- 112 Materials Testing Laboratory** 1 credit Second semester
A continuation of C.E. 109. Three hours a week in laboratory.
- 113 Railway and Highway Surveying** 3 credits First semester
Six hours field and drafting room work and one recitation per week. A study of field methods of engineering works; surveys made, quantities computed; profiles, maps, mass diagrams, and earth cross-sections drawn. Prerequisite: Taken with C.E. 105 and C.E. 107.
- 120 Irrigation** 2 credits Second semester
Principles of irrigation engineering; a study in soils, farm irrigation methods, design, construction and operation and maintenance of irrigation systems; land reclamation. Prerequisites: C.E. 103 and 104.
- 121 Structural Design** 3 credits First semester
Design of bridges and buildings. Nine hours a week in the drafting room. Prerequisites: C.E. 102 and 106, and to be taken with C.E. 123.
- 122 Water Supply** 2 credits Second semester
Principles involved in the design, construction, operation and maintenance of water supply systems; physical, chemical, and biological actions which take place in water purification; municipal and rural sanitation. Prerequisites: C.E. 103 and 104.
- 123 Steel Structures** 2 credits First semester
Structural theory, methods of construction, and economics of steel bridges and buildings. Prerequisites: C.E. 102, and to be taken with C.E. 121.
- 124 Contracts and Specifications** 2 credits First semester
Brief statement of law of contracts and consideration of general and technical clauses in engineering specifications. Prerequisite: Senior standing.
- 125 Sewers and Sewerage** 2 credits First semester
Principles involved in the design, construction, operation and maintenance of sewers and sewerage systems; physical, chemical, and biological actions which take place in sewage reduction and disposal; sewage and sewage sludge analyses. Prerequisites: C.E. 103 and 104.
- 126 Concrete Structures** 5 credits Second semester
A study of cements; the proportioning of concretes; foundations for bridges and buildings; retaining wall theory; masonry dams; arch theory. Three recitations and six hours in the drafting room. Prerequisites: C.E. 102 and 106.
- 127 Waterpower Engineering** 2 credits First semester
Hydrology and stream flow; conditions governing selection of impulse wheels and reaction turbines; reservoirs and their relation to power demands; economics of power development. Prerequisite: C.E. 104.
- 128 Pro-Seminar** 1 credit Second semester
A study of technical periodicals and literature. Papers on engineering topics are prepared, read, and discussed. Prerequisite: Senior standing.
- 130 Thesis** 3 credits Either semester
A problem in design or investigation. Open only to Senior students of high standing.
- 133 Engineering Administration** 2 credits First semester
Principles of organization and management. Prerequisite: Senior standing.
- 135 Estimates and Costs** 2 credits First semester
The preparation of quantity surveys, cost estimates, and cost reports. Economic comparisons between different types of structures. Prerequisite: Senior standing.

- 136 Construction Methods** 2 credits Second semester
A study of the ordinary methods of construction and the relation thereto of such elements as time, equipment, cost, and organization. Open to senior civil engineering students and other seniors by permission. Two recitations per week and written reports.
- 137 Statically Indeterminate Stresses** 3 credits First semester
Methods of determining deflections and the general theory of statically indeterminate stresses. Two recitations and three hours in drafting room a week. Prerequisite: C.E. 102.
- 138 Valuations and Appraisals** 2 credits Second semester
Valuations and appraisals of public utilities; rate structures; public utility economics. Two recitations per week and written reports. Prerequisite: Senior standing.
- Primarily for Graduates*
- 201 Water Purification and Sewage Disposal**
Credits to be arranged First semester
- 202 Statically Indeterminate Structures**
Credits to be arranged Either semester
Prerequisite: C.E. 137.
- 219-220 Advanced Structural Design**
Credits to be arranged Each semester
Advanced reinforced concrete and steel design covering arch, cantilever, and suspension bridges; steel framing of office buildings; foundations. Prerequisite: C.E. 137.
- 231 Highway Materials** 2 credits Either semester
- 232 Highway Administration** 2 credits Either semester
- 241-242 Research** Credits to be arranged Each semester

CLASSICAL LANGUAGES

Professor AXTELL, Miss RENTFRO

The courses given in this department are intended for three classes of students: (a) those in the Latin language; (b) those in the Greek language; and (c) those who wish, without learning the original languages, to know the literary and other works of the classical peoples inherent in modern civilization.

A. LATIN

The courses listed below are intended for students who wish to study Latin, to fulfill their requirements in a foreign language, to major in the subject, or to secure elective credits. The complete requirements for the Latin Curriculum are stated in the Letters and Science section, Part III.

Students who wish chiefly an acquaintance with Roman history and institutions should elect European History 14, "Classical Civilization." For Latin literature in English see Eng. 175.

Primarily for Undergraduates

- 1n-2 Elementary Latin** 4 credits Each semester
Besides preparing to read Latin the course deals especially with the Latin-English words and phrases in literature, law, and the sciences. Translation from easy selections from classic myths and stories from Roman history. (AXTELL)

3-4 Intermediate Latin 4 credits Each semester
Translation or narratives dealing with Roman life, reading of selected orations of Cicero, and study of Roman government constitute the work of the first semester. In the second semester Vergil's *Aeneid* is translated in part and the principles of his poetry are studied. Prerequisites: Lat. 1-2, or two years of High School Latin. (RENTFRO)

53-54 Advanced Latin 3 credits Each semester
Study of selections from standard Latin authors, the prose writers the first semester, poets the second semester. Investigation of their lives and criticism of their styles. Prerequisites: Lat. 3-4 or three years of high school Latin. (RENTFRO)

For Advanced Undergraduates and Graduates

101 Horace 3 credits First semester
Selected *Odes* and *Satires* which show Horace's career, literary development, and character are read. Study of the principles of Roman lyric poetry. Investigation of the culture of the court of Augustus. Prerequisites: Lat. 53-54 or four years of high school Latin. (AXTELL)

102 Livy 3 credits Second semester
Translations of selections from Livy's history of Rome. Study of the principles of Latin narrative. Prerequisites: Lat. 53-54 or four years of high school Latin. (AXTELL)

111-112 Prose Composition 2 credits Each semester
Systematic exercises affording a thorough review of Latin grammar. Best studies in connection with either Lat. 53-54 or 101-102. Prerequisites: Lat. 3-4 or three years of high school Latin. Required for a recommendation to teach Latin. (AXTELL)

121-122 Directed Reading 2 or 3 credits Each semester
Rapid translation of standard Latin authors not usually read in the first year of college. Selections will be made to suit the needs and desires of the class. Prerequisites: Lat. 53-54, 101, and 102, or equivalent courses. (RENTFRO)

123 History of Latin Literature 2 credits First semester
A study of development of Latin Literature to the third century A.D. Textbook, lectures, and outside reading in translations. Prerequisites: Lat. 53-54, or 101-102, or equivalent courses. (Not given in 1935-36.) (AXTELL)

124 Teachers' Course 2 credits Second semester
Comprehensive and advanced work in detail in Latin philology necessary for the efficient teacher. Ideals, means, and methods of teaching Latin in the high school. Prerequisites: Lat. 53-54 or 101-102, or equivalent courses. (Not given in 1935-36.) (AXTELL)

125-126 Pro-Seminar 1 to 3 credits Each semester
A study of antiquities and topography of Rome. Prerequisite: 6 credits in advanced undergraduate courses in Latin. (AXTELL)

Primarily for Graduates

201-202 Research Credits to be arranged Each semester
Special topics in Latin literature or antiquities will be set for investigation. (AXTELL)

203 Latin Epigraphy 3 or 4 credits First semester
A study of Latin inscriptions; materials, forms, classes, and their bearing upon Roman history. Important examples will be investigated intensively. (AXTELL)

- 204 Roman Life** 3 or 4 credits Second semester
A study of Roman customs and manners by use of literary references and illustrations from antiquities. A special topic will be assigned each student for investigation. (AXTELL)

B. GREEK

Students may begin the study of Greek in the first semester of any collegiate year. It may be taken to satisfy the requirements in a foreign language. For the curriculum in Greek see page 47. Students who wish chiefly an acquaintance with Greek history should elect European history 14, "Classical Civilization." Those who wish to know Greek Literature through English translation should elect Eng. 175.

Primarily for Undergraduates

- 1n-2 Elementary Greek** 4 credits Each semester
First lessons comprising the main features of inflection and syntax are learned, simple sentences are written into Greek, and easy selections from Greek authors are translated. Emphasis is placed upon the Greek words in current use in modern English writing. (AXTELL)
- 3-4 Intermediate Greek** 4 credits Each semester
In the first semester selections from Xenophon and Herodotus and other prose writers are translated and practice in writing Greek is continued. In the second semester passages from Homer are translated and various topics such as the influence of Homer upon English literature are investigated. Prerequisites: Greek 1n-2. (AXTELL)

For Advanced Undergraduates and Graduates

- 101 Plato** 3 credits First semester
The *Apology* and selections from the *Phaedo* and *Crito*. Analysis of other Socratic dialogs. Introduction to Greek philosophy. Study of Plato's life and thought. Prerequisite: Greek 3-4, or equivalent courses. (AXTELL)
- 102 Greek Tragedy** 3 credits Second semester
Translation of a representative tragedy, such as the *Antigone*, *Prometheus Bound*, or *Alcestis*. Lectures and papers on the evolution of classic tragedy. Study of lyric choruses. Prerequisites: Greek 3-4, or equivalent courses. (AXTELL)
- 103 Herodotus** 3 credits First semester
- 104 Theocritus** 3 credits Second semester
- 105 Greek Lyrical Poetry** 3 credits First semester
- 106 New Testament Greek** 3 credits Second semester
- 107 History of Greek Literature** 2 credits First semester
- 108 Greek Archeology** 2 credits Second semester

C. THE CLASSICS IN ENGLISH

- 53-54 Scientific Terminology** 2 credits Each semester
A study of the fundamental Latin and Greek words used in the humanistic and natural sciences. Particular attention will be given to the terminology of the study in which each student is specially interested. (AXTELL)
- 60 Classical Art** 2 credits Second semester
A study of the development of Greek and Roman sculpture, paintings, and other fine arts. Recognition of famous examples found in modern galleries and museums. (AXTELL)

NOTE.—Hist. 13-14, Classical Civilization, are courses giving a rapid survey of the history and main institutions of Greece and Rome. See under European History For Latin and Greek literature in English see Eng. 175.

DAIRY HUSBANDRY

Professor ATKESON,* Associate Professor THEOPHILUS, Mr. WARREN,
Mr. HANSEN,† Mr. BARNHART

These courses are so arranged that the student may specialize either in dairy production or in dairy manufacturing.

Primarily for Undergraduates

- 2 Elements of Dairying** 4 credits Second semester
A general survey of the industry; composition of milk, its food value, various products of milk and their importance, and methods of dairy-herd improvement. Study of the Babcock test, cream separation, and the judging of dairy products and dairy cattle. Three lectures and one laboratory period a week. (WARREN)

For Advanced Undergraduates and Graduates

- 105 Dairy Cattle Judging** 2 credits First semester
A study of types of the various breeds of dairy cattle, with comparative judging. Prerequisite: D. H. 2. (ATKESON)
- 107 Advanced Dairy-Cattle Judging** 1 credit First semester
Continuation of D. H. 105. (ATKESON)
- 108 History of breeds and Dairy-Cattle Breeding** 3 credits Second semester
Study of the history, development, and modern blood lines of the Ayrshire, Guernsey, Holstein, and Jersey breeds of cattle; study of the principles of breeding as practiced today, and the formation of definite breeding policies for a herd. Prerequisites: D. H. 2. (ATKESON)
- 109 Judging Dairy Products** 1 credit First semester
A study of quality and market standards in dairy products, including practice of scoring butter, cheese, ice cream, milk, and cream. Three one-hour laboratory periods a week. Prerequisite: D. H. 2. (THEOPHILUS)
- 111 Advanced Dairy-Products Judging** 1 credit First semester
Continuation of D. H. 109. (THEOPHILUS)
- 113 Advanced Testing** 1 credit First semester
Various tests such as tests for moisture, fat, salt, adulterants, etc., in butter, cheese, ice cream, condensed milk, etc. Required of majors in Dairy Husbandry. One two-hour laboratory period each week. Prerequisite: D. H. 2. (BARNHART)
- 114 Market Milk** 3 credits Second semester
A study of the sanitary handling of market milk, methods of pasteurization and inspection, certified milk, grading and scoring milk and milk plants, milk ordinances, the relation of milk to disease, bacteriology of milk. Three lectures a week. Prerequisites: D. H. 2 and 113. (BARNHART)
- 116 Cheese Making** 4 credits Second semester
Methods of manufacture of cheddar, Neufchatel, cottage, and other types of cheese. Required of majors in Dairy Husbandry. Two lectures and one six-hour laboratory period a week. Prerequisites: D. H. 2 and 113. (THEOPHILUS)
- 117 Creamery Butter Making** 4 credits First semester
Factory methods of butter-making, including grading, pasteurization, ripening and churning cream, and packing butter. Required of majors in Dairy Husbandry. Two lectures and one one-hour laboratory in the afternoon with a four-hour laboratory the following morning. Prerequisites: D. H. 2 and 113. (THEOPHILUS, BARNHART)

*Resigned April 1, 1935.

†On leave 1934-35, replaced for the year by Mr. Barnhart.

- 119 Ice Cream and Ices** 3 credits First semester
The making of ice cream and other frozen products. Two lectures and one three-hour laboratory period a week. Prerequisites: D. H. 2 and 113. (BARNHART)
- 120 Dairy Cattle Feeding and Management** 4 credits Second semester
A study of the breeding, care, and feeding of dairy stock, the planning and arrangement of dairy buildings, the management of purebred herds, fitting for show, feeding for official records, sales and advertising, cattle photography. Required of majors in Dairy Husbandry. Three lectures and one three-hour laboratory period a week. Prerequisite: D. H. 2. (ATKESON)
- 121 Factory Management** 2 credits First semester
The location, construction, organization, management of creameries, cheese and ice-cream factories, and city milk plants, including a study of advertising. Two lectures a week. Prerequisite: D. H. 2. (THEOPHILUS)
- 125 Milk Technology** 2 credits First semester
Composition of milk products; methods of manufacture of condensed milk, powdered milk, casein, milk sugar, and other dairy by-products. Two lectures a week. Prerequisites: D. H. 2 and 113. (THEOPHILUS)
- 129-130 Pro-Seminar** 1 credit Each semester
A study of dairy problems and review of literature. Required of majors in Dairy Husbandry. (THE STAFF)
- 131-132 Undergraduate Research** Credits arranged Each semester
Students with ability to do independent work may be assigned special problems in some phase of dairy production or dairy manufacture. (ATKESON, THEOPHILUS)
- 133-134 Thesis** 1 credit Each semester
Required for graduation in Dairy Husbandry. (ATKESON)
- Dairy Bacteriology** 3 credits Either semester
See Bacteriology 106.
- Chemistry of Dairy Products** 2 credits Second semester
See Agricultural Chemistry 106.
- Dairy Engineering**
See Agricultural Engineering 141.
- Primarily for Graduates*
- 229-230 Seminar** 1 credit Each semester
(THE STAFF)
- 231-232 Graduate Research** Credits to be arranged Each semester
Experimental work in either dairy production or dairy manufacturing, to be written up in the form of a thesis. (ATKESON, THEOPHILUS)

Dramatics

(See under *English*)

ECONOMICS

Professor FARMER; Associate Professor GRAUE; Assistant Professors DAVISON; TJERANDSEN, and VOGEL*; Mr. MOORE

Primarily for Undergraduates

- 51n-52 Principles of Economics** 3 credits Each semester
A study of contemporary economic institutions—their foundation,

*On leave, 1934-35, replaced by Assistant Professor Tjerandsen.

organization, and principles of working order as displayed by scientific inquiry. (GRAUE)

54 Economics for Technical Students 3 credits Second semester

A course in the basic principles of economics. Open only to students in Engineering, Forestry, and Mining. (DAVISON)

For Advanced Undergraduates and Graduates

105-106 Money and Banking 3 credits Each semester

The theory of money and banking, with some emphasis on banking practice. (FARMER)

109 Public Finance 3 credits First semester

Public expenditures and revenues. Federal, state, and local financial problems. Prerequisite: Econ. 51-52. (FARMER)

112 Labor Problems 3 credits Second semester

Special attention given to contemporary types of labor organization, labor legislation, arbitration and conciliation and factors conditioning the various forms of social insurance. (MOORE)

115 Agricultural Economics 3 credits First semester

Description and analysis of the factors in agricultural production and their relationships in determining the profitableness of the farm business; agricultural development in the United States; financing the farm business; and some fundamental principles underlying marketing of farm products. (VOGEL)

118 Cooperative Marketing 3 credits Second semester

An intensive study of farmer cooperative marketing and purchasing agencies. A careful analysis of the organization, methods, and policies of the prevailing type of cooperative enterprises. Prerequisite: Econ. 120 or Bus. 169. (VOGEL)

120 Marketing Farm Products 3 credits Second semester

Description of the various services performed in marketing agricultural products; marketing methods; marketing agencies; analysis of the operations of the produce exchanges; price making; future trading; demand creation; adapting production to market conditions; governmental authority in relation to marketing; basic principles of cooperation. Prerequisite: Econ. 115 or Econ. 51-52. (VOGEL)

152 Advanced Economic Theory 3 credits Second semester

A study of the analysis of economic organization by Alfred Marshall. Prerequisite: Senior standing in Business Administration or Economics. (GRAUE)

Primarily for Graduates

201 Economics of Enterprise 3 credits First semester

An advanced course in economic theory, representing a study of society from the entrepreneur point of view of price. For registration, consult the instructor. (GRAUE)

202 History of Economic Thought 3 credits Second semester

A historical-analytical survey of economic doctrines with special emphasis upon the theories of value and distribution. (GRAUE)

213-214 Seminar in Economics 2-4 credits Each semester

This course is open only to Graduate students. Material and topics to be selected. (FARMER, GRAUE)

215-216 Research in Economics of the Extractive Industries

Credits to be arranged

Each semester

Research in production or marketing problems of the extractive industries. (VOGEL)

EDUCATION

Professors MESSENGER, RUSSELL, and LATTIG, Associate Professors
McCoy and SMITH,
Professor LEMON, Miss FEATHERSTONE

Primarily for Undergraduates

- 1 Introduction to Education** 2 credits First semester
A general introductory course for those who have made no professional study of education. Seeking to cultivate an attitude favorable to the scientific investigation of educational problems, it touches on a wide variety of topics, gives results of scientific studies, and raises vital questions for further study. Open to Freshmen and Sophomores. (McCoy)
- 2 School-Room Management** 2 credits Second semester
A practical course dealing with the concrete classroom problems of the teacher. (SMITH)
- 11 Student Problems** 1 credit First semester
Required of all Freshmen. The purpose of the course is to help the student adjust himself to College and to prepare for the position he expects to fill after graduation. Mutual acquaintance is the most important feature. Only open to Freshmen and new students who are Sophomores. (MESSENGER)
- 15 Elementary Education** 2 credits First semester
A course for those students who expect to teach or supervise in the elementary schools. (McCoy)
- 16 Art Education** 2 credits Summer Session
A course in public school art for teachers who are expected to teach art without the aid of a special advisor. A study of art subject material for the different grades and special methods for teaching art in each grade. (FEATHERSTONE)
- 55 Idaho Law, Manual, and Civics** 2 credits First semester
Idaho school law, the state manual and course study, and the civil government of Idaho. Required of all who wish to be recommended for a certificate. Includes one credit of General Methods. (McCoy)
- 57 Observation and Teaching in Elementary School** 1 to 6 credits Each semester
To be arranged with the Director of Practice Teaching and the Dean of the School of Education. (SMITH)
- 59 Principles of Teaching** 3 credits First semester
The course presents in a practical way the fundamental processes of instruction. For non-educational students. (SMITH)

For Advanced Undergraduates and Graduates

- 101 Elementary School Supervision** 3 credits First semester
Intended for those preparing to be critic teachers, supervisors, and principals or superintendents of schools. (McCoy)
- 107 History of Education** 3 credits First semester
A survey of the development of educational ideals and practices from the age of primitive man to the present. The purpose is to consider what has been thought and tried in the past and use the information thus gained in evaluating the theories and practices of today. (MESSENGER)
- 108 Educational Sociology** 3 credits Second semester
A study of the relation of education to present-day social problems. Prerequisite: Ed. 107. (MESSENGER)

- 111 The Junior High School** 3 credits First semester
A study of the fundamental principles of present-day reorganization of high school education, with special emphasis upon junior high school organization, administration, and methods of instruction. Prerequisite: six credits in Education. (RUSSELL)
- 113 Principles of Secondary Education** 3 credits First semester
A study of high school education from three points of view: (a) the high school pupil and his characteristics; (b) the high school as an institution and its relation to society and to other educative institutions; (c) the high school course of study, especially as regards the aims and values of the different subjects. Prerequisite: six credits in Education and Educational Psychology. (RUSSELL)
- 114 High School Methods** 3 credits Second semester
A course in the practical problems of teaching technique. It seeks, however, to establish fundamental principles of procedure rather than specific formulae. Prerequisite: six credits in Education. (RUSSELL)
- 115 Educational Guidance** 3 credits First semester
A study of the objectives, principles, problems and methods of educational and vocational guidance. (SMITH)
- 121 Rural Supervision** 2 credits Summer Session
This course is designed for supervisors and administrators of rural schools. It deals with rural school problems particularly but does not isolate them from the broader problems of education in general.
- 131 Observation and Teaching in High School** 1 to 4 credits Each semester
To be arranged with the Director of Practice Teaching and the Dean of the School of Education. (SMITH)
- 131a Observation and Teaching in Music** 1 to 4 credits Either semester
- Observation and Teaching in Home Economics** 3 credits Either semester
See H.Ec. 157.
- Observation and Practice Teaching in Agriculture** 1 to 5 credits Each semester
See Agr.Ed. 155-156.
- Beginning Methods of Teaching Vocational Agriculture** 2 credits Second semester
See Agr.Ed. 152.
- Advanced Methods of Teaching Vocational Agriculture** 3 credits First semester
See Agr.Ed. 153.
- Vocational Education** 2 credits Second semester
See Agr.Ed. 151.
- Auxiliary Problems in Teaching Vocational Agriculture** 2 credits Second semester
See Agr.Ed. 158.

Primarily for Graduates

- 203 Educational Measurements** 3 credits First semester
Recent movements seek not to eliminate opinion but to support it by scientific evidence. This course acquaints the student with the machinery used in such investigations and develops skill in its use. The use of "standardized tests" in actual classrooms to determine school efficiency is included. For graduate students and advanced undergraduates by permission. (RUSSELL)

- 204 School Administration** 3 credits First semester
A presentation of the fundamental principles and problems of organization and administration of city, county, and state school systems. (RUSSELL)
- 205 School Finance** 2 credits Summer Session
This course deals with major problems of financing schools at the present time. Applications are made to the problems of Idaho.
- 207 Supervision of Instruction** 3 credits First semester
In small cities a large and important part of the superintendent's work consists of the supervision of instruction. This course is intended to help those preparing for superintendencies to be able to improve their teachers while in service. Open to graduate students, and by permission to other advanced students of education who have had experience in teaching. (SMITH)
- 210 Philosophy of Education** 3 credits Second semester
The aim of this course is to bring together and unify the facts and principles elaborated in various fields of Education, to think beyond the technique of school practices, to define some educational objectives, and to discover the meaning and place of Education in the social structure of which we are a part. (MESSENGER)
- 211-212 Curriculum Construction** 3 credits Each semester
A study of the curriculum from three points of view: (1) principles that should govern the selection of subject matter; (2) actual scientific studies that have been made regarding the place and value of different subjects; (3) the methodology of research involved in scientific curriculum construction. (RUSSELL)
- 220 Current Educational Literature** 2 credits Summer Session
This course has to do with the various points of view in education as reflected in current educational literature.
- 241 Character Education** 2 credits First semester
A study of the influences exerted by the school in the building of character. (LEMON)
- 260 Scientific Methods in Education** 3 credits Second semester
This is a course in methods of research, experimentation, and investigation. Useful to those who expect to do research for a thesis and those who wish to apply scientific methods of investigation in their own schools after they begin to teach. The essential principles of experimental and statistical procedure are applied to actual investigations of curriculum construction. (RUSSELL)
- 261-262 Educational Research** Credits to be arranged Each semester
This is for students working for the master's degree. It is done under the direction of the professor in whose subject the greater part of the work is offered. (STAFF)
- 281-282 Professional Problems** Credits to be arranged
This is for students working for the master's degree. It is done under the direction of the professor in whose subject the greater part of the work is offered. (STAFF)
- Seminar in Agricultural Education** Each semester
See Agr.Ed. 251-252.
- Research in Agricultural Education** 1 to 4 credits Each semester
See Agr.Ed. 253-254.

ELECTRICAL ENGINEERING

Professor JOHNSON, Assistant Professor HULL, Mr. SCHROEDER
Primarily for Undergraduates

- 20 Elements of Radio-Telegraphy** 2 credits Second semester
An elementary course dealing with the fundamentals of direct and alternating currents in their application to radio-telegraphy. Two recitations a week. Open to all students who have completed high school physics. Elective.
- 22 Elementary Electrical Engineering** 3 credits Second semester
Study and problems of the fundamentals of Electrical Engineering. Prerequisite: Phys. 11.

For Advanced Undergraduates and Graduates

- 131 Direct Current Machinery and Distribution** 3 credits First semester
A study of theory, construction, and operation of direct current generators and motors, and the calculation of distribution systems for light and power. A general introductory course for Civil, Chemical, and Mining Engineering students. Prerequisites: Phys. 11-12.
- 132 Alternating Current Machinery and Laboratory** 2 credits Second semester
A general course in continuation of E.E. 131, treating of alternating current machinery and circuits. One recitation and one three-hour laboratory period a week. Prerequisite: E.E. 131.
- 133 Direct Current Machinery** 3 credits First semester
A course considering the fundamentals of electrical engineering particularly as applied to direct current machinery. Required of Junior Electrical and Mechanical Engineers. Prerequisites: Phys. 11-12 and E.E. 22.
- 134 Alternating Current Machinery** 3 credits Second semester
A continuation of E.E. 133, dealing with alternating current circuits and machinery. Prerequisite: E.E. 133.
- 135 Electrical Engineering Laboratory** 2 credits First semester
The use of instruments, the testing and operation of direct current machinery and apparatus. Primarily for electrical students. To accompany E.E. 133.
- 136 Electrical Engineering Laboratory** 2 credits Second semester
The use of instruments, the testing and operation of direct and alternating current machinery and apparatus. For electrical students. To accompany E.E. 134.
- 137 Electrical Engineering Laboratory** 2 credits First semester
Similar to E.E. 135, but designed for non-electrical students.
- 138 Electrical Engineering Laboratory** 2 credits Second semester
Testing and operation of alternating current machinery. Designed for non-electrical students and to accompany E.E. 134.
- 141 Electrical Engineering** 5 credits First semester
An advanced course in the theory and operating characteristics of alternating current machinery, and apparatus. Prerequisite: E.E. 134.
- 142 Electrical Engineering** 5 credits Second semester
A continuation of E.E. 141, taking up the theory of special alternating current machines and the operation of transmission systems. Prerequisite: E.E. 141.

- 143 Electrical Engineering Laboratory** 2 credits First semester
Work in the laboratory on alternators, synchronous and induction motors, transformers, meters, and polyphase systems. To accompany E.E. 141.
- 144 Electrical Engineering Laboratory** 2 credits Second semester
A continuation of E.E. 143, with intensive tests upon the equipment studied in E.E. 141 and 142.
- 145-146 Pro-Seminar** 1 credit Each semester
Discussion of typical power and industrial applications with problems and reviews of current articles in the technical press. The preparation and presentation of papers on assigned subjects. Required of Seniors in Electrical Engineering.
- 147 Electrical Design Problems** 3 credits First semester
Problems and design of simple electrical machines and apparatus. Prerequisites: E.E. 133-134 and Math. 101.
- 149-150 Electrical Circuits** 3 credits Each semester
A study of transient and steady state conditions in various electrical circuits. Elective. Prerequisites: Math. 101 and E.E. 134.
- 151 Illumination and Photometry** 2 credits First semester
A general course treating of the principles of illumination and photometry; the comparison of illuminants; a study of the proper lighting of homes; public buildings, and factories. Elective. Prerequisite: a knowledge of elementary physics.
- 152 Thesis** 3 credits Second semester
An original investigation or dissertation upon some subject in Electrical Engineering.
- 153 Electric Power Systems** 3 credits First semester
Theory and practice of electric distribution systems. Elective. Prerequisite: E.E. 134.
- 154 Central Stations** 3 credits Second semester
Design and intensive study of central stations, their layout and equipment. Elective. Prerequisite: E. E. 132 or 134, and M.E. 122.
- 156 Electrical Engineering Problems** 2 or 3 credits Second semester
The complete solution of various engineering projects; designs; choice of materials; comparative costs. Elective. Prerequisite: Senior standing.
- 158 Transmission Lines** 3 credits Second semester
A study of the theory and design of high tension transmission lines together with an introduction to the problem of transient phenomena in transmission lines and electrical machines. Elective. Prerequisite: Math. 101.
- 160 Vacuum Tubes** 2 credits Second semester
Study and testing of vacuum tubes and vacuum tube circuits. Elective. Prerequisite: Senior standing.
- 161 Elements of Telephony** 3 credits First semester
An introductory course dealing with the principles and design of simple telephone systems. Prerequisite: E.E. 134.
- 162 Radio Engineering** 3 credits Second semester
A theoretical course in radio-telegraphy involving a mathematical treatment of circuits and apparatus. Open only to students of Engineering and Physics with Senior standing.
- Primarily for Graduates*
- 201-202 Advanced Electrical Engineering**
Credits to be arranged Each semester
Problems in transient, high-frequency, and high-voltage phenomena.

203-204 Theory of Direct Current Machinery

Credits to be arranged Each semester
Advanced investigation into theory underlying design and operation
of direct current machinery.

205 Power Plant Economics

Credits to be arranged First semester
Study of design, operation, and organization of power plants as
related to public utilities.

241-242 Research

Credits to be arranged Each semester

ENGLISH

Professors MILLER and CUSHMAN; Assistant Professors COOPE, BETH, and
HERRICK; Mr. BLANCHARD, Miss WANOUS, Mr. SCHULTZ, Mr. BECKWITH,
Mr. BANKS, Mr. WHITEHEAD, Miss LAMAR, Mr. PACKENHAM, Mr.
SHERMAN, Miss COLLETTE, Mr. MICKELSON, Mr. RHODES.

Professors ELDRIDGE and AXTELL

A. THE UNIFORM PLACEMENT TEST IN ENGLISH.—This test, as formulated by the Inland Empire Council of Teachers of English and administered in the higher institutions of the Northwest, is given to all entering Freshman students, to advanced students entering without credit for Freshman English, and is available for other advanced students at the discretion of the Deans of Divisions. Freshmen notably deficient in spelling, punctuation, capitalization, sentence or paragraph structure, or giving other evidences of illiteracy, will be required, in addition to regular Eng. 1, to do other work prescribed by the Department until such deficiencies shall have been removed. Sophomores, Juniors, and Seniors are not exempt from this rule; see Rule 9, "Habitual Bad English," Part II.

B. REQUIRED COURSES.—The regular courses in the Department are divided into two groups, required and elective. The Freshman course, Eng. 1-2, is required of all first-year students unless they are excused from the first semester of English Composition by a proficiency test. Eng. 3 or 4, 151, 153, and 155 in composition are required for certain groups of students. Sophomores planning to take the B.A. degree are required to take the introductory course in literature known as Eng. 17-18; students working for the B.S. degree or in technical curricula should take either Eng. 17-18 or Eng. 13-14; Eng. 63-64, Great Books, cannot be accepted as a substitute for Eng. 17-18 or Eng. 13-14 or for any required advanced course. Students who expect to ask the Department for recommendations to teach English should take Eng. 107-108 and at least some work in Public Speaking, Dramatics, or Journalism. Students in any College or School who will need recommendation for the teaching of English should consult the Head of the Department not later than the beginning of the Junior year for assistance in making out a proper program of courses. Students desiring credit for intercollegiate debate must register for such credit in Eng. 37. Students desiring credit for work on *The Argonaut* must register, if prepared for the course, in Eng. 83-84.

C. PREREQUISITES.—Eng. 1-2 is open without conditions only to students who have passed the uniform Placement Test and is a prerequisite to all courses in the Department except Eng. 31-32 (Fundamentals of Speech), Eng. 33-34 (Reading and Interpretation), and Eng. 37 (Intercollegiate Debating); but students in Eng. 1-2 may take Eng. 35 (Extemporaneous Speaking), or Eng. 36 (Parliamentary Law and Procedure), provided they secure permission from the Head of the Department. Eng. 17-18 is a prerequisite to all advanced courses in literature, language, dramatics and public speaking, or journalism; students who have not had Eng. 17-18 can enter such advanced courses only by special permission of

the Head of the Department. Eng. 3 or 4 is a prerequisite to Eng. 155 (Technical Writing) for students in Agriculture to who make "D" in Eng. 1.

D. MAJOR CURRICULA.—Three major curricula are offered by the Department—the regular curriculum in English, a curriculum in Journalism, and a curriculum in Dramatics and Public Speaking. The outlines of the three curricula are stated in the College of Letters and Science section, Part III of this catalog. The attention of students is called to the fact that as an adequate preparation for teaching English in the high school the number of advanced courses in English required, whether in the College of Letters and Science or in the School of Education, should be considerably more than the old legal minimum of eight credits of hundreds courses for a minor.

E. COMPREHENSIVE EXAMINATIONS.—Major students in English are required to take a comprehensive final examination on the completion of the curriculum in the Senior College. As preparation for this examination Seniors are required to take Eng. 129-130. Adequately prepared students in the School of Education may be given permission to take the comprehensive examination.

ENGLISH

Primarily for Undergraduates

- 1-2 English Composition** 3 credits Each semester
Required of all first-year students in the Junior College (unless excused by a proficiency test), and a prerequisite for all courses in the Department except as noted above under "C." Required of all first-year students of other divisions except in the College of Agriculture, in which Eng. 1 alone is required, with the proviso that students in Agriculture making a "D" in Eng. 1 are not eligible to Eng. 155 until they have passed a supplementary course in composition. Students who fail to pass the Uniform Placement Test or who give other evidences of notable deficiency in matters of usage are required, in addition to the regular work of the first semester, to do carefully organized drill in spelling, capitalization, punctuation, grammar, and sentence structure. Students required to do such additional work must attain a satisfactory standard of efficiency in usage before receiving credit in Eng. 1. (COOPE, HERRICK, WANOUS, SCHULDT, BECKWITH, BANKS, LAMAR, PACKENHAM, SHERMAN, COLLETTE, MICHELSON, RHODES)
- 3-4 Expository Writing** 2 credits Each semester
The course supplements Eng. 1-2 by further practice in the fundamentals of good composition, by more extended treatment of the principles of exposition, and by some practice in the less formal types of argumentation. Recommended for Sophomores who made "D" in Freshman English and for students who wish further practice in writing of a non-literary character. One semester required of students in Agriculture who make only "D" in Eng. 1. Prerequisites: Eng. 1-2 (or Eng. 1 alone in the case of students in Agriculture). (SHERMAN)
- 10 Special Writing** 2 credits Summer session
Not given in the regular college year. Designed for students desiring part credit for Eng. 1 and for those who have had Eng. 1-2 and want work equivalent to Eng. 3-4 or Eng. 61-62. Instruction largely individual. (CUSHMAN)
- 13-14 Modern Literature** 3 credits Each semester
Recommended as an alternative to Eng. 17-18 for students in the B.S. curriculum, for those in the various technical curricula, or as an elective for students in any division of the University; but the course cannot be taken as a substitute for Eng. 17-18 by B.A. students or by students in the School of Education who desire to teach English. It is

the chief purpose of the course to bring students into contact with the thought of our times as expressed in nineteenth century and contemporary literature. Prerequisite: Eng. 1-2. (COOPE, BANKS)

17-18 Introduction to Literature 3 credits Each semester

Required of all Sophomores in the Junior College expecting to take the B.A. curriculum and recommended to satisfy a literature requirement or as an elective to students in the various technical curricula. The course endeavors to show what literature is and to make clear its function in life. It requires copious and carefully directed illustrative reading, so organized as to show the development of the various literary types of English literature. Prerequisite: Eng. 1-2. (CUSHMAN, HERICK, WANOUS, BECKWITH, LAMAR)

61-62 Elementary Literary Composition 2 credits Each semester

The principles of successful composition in the short story, the literary essay, verse writing, and one-act plays. The course is designed as a prerequisite to Eng. 105-106. Open to Sophomores who have distinguished themselves in Eng. 1-2, and, with the consent of the Head of the Department, to a limited number of upperclassmen. (CUSHMAN)

63-64 Great Books 3 credits Each semester

For students in any department of the University and for mature persons not regularly registered in the University. Great books of the world from the Bible and Homer to recent times. An elective course which cannot be substituted for required courses for Sophomores or for required advanced courses. Prerequisites: Eng. 1-2. (CUSHMAN)

For Advanced Undergraduates and Graduates

SPECIAL NOTE—All hundreds courses require Eng. 1-2 and 17-18 as prerequisites.

105-106 Advanced Literary Composition 2 credits Each semester

A study of the principles underlying successful composition in the short story, the literary essay, verse writing, and the drama, and considerable practice under criticism. With special permission from the Head of the Department, the course may be taken in successive years. Open only to those who have completed Freshman English and Eng. 17-18 and who have shown some aptitude in literary composition by doing good work in Eng. 61-62 or by writing for publication. (CUSHMAN)

107-108 The Teaching of English 2 credits Each semester

Bibliography. Organization of courses. Textbooks. The larger emphasis in the course will be given to the teaching of composition and literature in the high school; but it will consider also the problems of high school teaching in Dramatics, Public Speaking, and Journalism. Primarily for Seniors and Graduates, with a good body of English courses already completed. Juniors should secure the approval of the Head of the Department before registering for the course. This course should be taken by all students who expect to ask the Department for recommendation to teach English. It counts as a course in Education but not as a credit toward the three English curricula in the College of Letters and Science. (MILLER)

112 Elizabethan Literature 2 credits Second semester

The non-dramatic literature of the Elizabethan Age. The lyric, narrative poetry, and the beginning of the essay; Spencer, Bacon, and Milton and their contemporaries. Prerequisites: Eng. 1-2, 17-18. (WANOUS)

113-114 The Restoration and Queen Anne Ages 2 credits Each semester

Dryden, Defoe, Swift, Steele, Addison, Pope, and the dramatists. The rise of the essay, pseudo-classicism, the heroic drama, the prose drama of manners, and the beginnings of the novel. Prerequisites: Eng. 1-2 and 17-18. (BANKS)

- 115-116 Romantic Prose and Poetry** 2 credits Each semester
The transition to romanticism. The romantic writers from the middle of the eighteenth century to the death of Scott. Prerequisites: Eng. 1-2 and 17-18. (COOPE)
- 117-118 Victorian Prose and Poetry** 2 credits Each semester
A study of the greatest essayists and poets of the Victorian era, their interpretation of the life and ideals of their time, their relation to one another, and their influence upon their contemporaries and successors. The prose writers will be studied the first semester, the poets the second. Prerequisites: Eng. 1-2 and 17-18. (Not given in 1935-36.) (MILLER)
- 119-120 American Literature** 3 credits Each semester
The study of American literature both as an expression of the American spirit and as a part of the development of English literature. The development of American literature is traced from colonial times to the present. The first semester traces the development to 1870; the second semester from 1870 to the present. Prerequisites: Eng. 1-2 and 17-18. (COOPE)
- 121-122 The Modern Novel** 3 credits Each semester
The chief emphasis is placed upon the development of the novel in the eighteenth and nineteenth centuries; but the development of fiction to 1700 is briefly sketched, and the course is concluded with some analysis of present conditions and tendencies in both English and American fiction. Prerequisites: Eng. 1-2 and 17-18. (Not given in 1935-36.) (SCHULDT)
- 123 Contemporary English and American Drama** 2 credits First semester
A study of the leading contemporary dramatists in England and in America with emphasis on Barrie, Shaw, Galsworthy, and Eugene O'Neill. Prerequisites: Eng. 1-2 and 17-18. (CUSHMAN)
- 124 Contemporary European Drama** 2 credits Second semester
A study of the leading contemporary dramatists in Europe with emphasis on the influence of Ibsen. Prerequisites: Eng. 1-2 and 17-18. (CUSHMAN)
- 129-130 Outlines of English Literature** 1 credit Each semester
Intended primarily for Seniors in the English curriculum. Required of majors in English preparing to take the comprehensive final examination in the Department. Prerequisites: Eng. 1-2 and 17-18. (MILLER)
- 131 Old English Language and Literature** 3 credits First semester
Aim both linguistic and literary. The development of the language. Grammar and the reading of selected texts. The history of Old English literature, with wide reading in modern translations. Primarily for upperclassmen and graduates. Prerequisites: Eng. 1-2 and 17-18. (MILLER)
- 132 Chaucer and Middle English** 3 credits Second semester
The development of the language and the literature to the end of the Middle English Period. The study of Chaucer as a poet and story teller. Primarily for upperclassmen and graduates. Prerequisites: Eng. 1-2 and 17-18. (MILLER, CUSHMAN)
- 141 Dramatic Influences Upon Shakespeare** 3 credits First semester
A study of the development of the drama to 1594. Folk dramatic material, miracle plays, moralities, interludes, and early regular drama. Special emphasis upon the work of Shakespeare's immediate predecessors and earlier contemporaries, and a comparison of this work with Shakespeare's earlier plays. Theatrical and social conditions affecting the Elizabethan drama. Prerequisites: Eng. 1-2 and 17-18. (MILLER, CUSHMAN)

- 142 Shakespeare** 3 credits Second semester
Shakespeare's development and characteristics as dramatic artist, poet, and thinker. In at least one play a careful study is made of the Elizabethan language, its relation to earlier forms of speech, and to late modern English. Prerequisites: Eng. 1-2 and 17-18. (MILLER, CUSHMAN)
- 151 Engineering Reports** 3 credits Either semester
Required of Juniors in the College of Engineering and the School of Mines. Emphasis is placed on popularization of technical material and on engineering reports. Some work in the handling of illustrative material in manuscripts, and a short study of the business letter. Prerequisite: Eng. 1-2; irregular students only with permission of the Head of the Department. (SCHULDT)
- 153 Business Writing** 3 credits Either semester
Required of Seniors in the School of Business Administration. Emphasis is placed on the writing of business reports and on business correspondence. Some attention is given to the popularization of technical material and other types of writing especially valuable to business students. Prerequisite: Eng. 1-2; irregular students only with permission of the Head of the Department. (HERRICK)
- 155 Technical Writing** 3 credits Either semester
Required of Juniors in the College of Agriculture and in the School of Forestry and of Pre-Medical and Pre-Nursing students. Emphasis is placed on formal exposition and on the preparation of various kinds of manuscripts. Some popularization of technical material, and the more general principles of business letter writing. Prerequisite: Eng. 1-2; or if the divisional requirement is only one semester of Freshman English, a grade of "C" or above. Irregular students must have the permission of the Head of the Department. (SCHULDT, HERRICK)
- 175-176 Readings in European Literature** 2 credits Each semester
Selections from the writings of European authors as an introduction to the comparative study of their literary personalities and tendencies and of their influence on English literature. Not counted toward a major or a minor in English. Prerequisites: Eng. 1-2 and Eng. 17-18. (AXTELL, ELDRIDGE)

Primarily for Graduates

- 201 Folk Literature** 3 credits First semester
The origins of literature. Choric song and dance, the ballad, children's singing games, cowboy songs, and other folk literary forms, and their relation to the development of individual artistic literature. Primarily for Seniors and Graduates. (MILLER)
- 202 English Literary Criticism** 3 credits Second semester
The development of literary theory from Ascham to Pater. The relation of criticism to the development of literature. Present tendencies in criticism. Primarily for Seniors and Graduates. (MILLER)
- 203-204 Special Problems in the Development of (a) Poetry, (b) Drama, (c) Prose Fiction, (d) The Essay, or (e) Biblical Literature** 3 credits Each semester
Only one or two of these literary types will be considered in any one year. Primarily for Seniors and Graduates. (Not given in 1935-36.) (MILLER, COOPE)
- 205 Thesis Writing** 2 credits Summer Session
A study of the literature of the subject and practice in the elements of thesis writing. (Not given in 1935-36.) (MILLER)

207-208 Special Problems in Methods of Teaching English

Credits to be arranged Each semester

A course in special research intended primarily for experienced teachers doing graduate work in the Department. Open to properly qualified graduate students. (MILLER)

209-210 The Foreign Backgrounds of English Literature

3 credits Each semester

A study of the influence of foreign literatures on the chief writers in English, with special emphasis on establishing the Oriental, the Classic, the Medieval, and the Renaissance points of view. Primarily for Seniors and Graduates. (CUSHMAN)

211-212 Research

Credits to be arranged Each semester

Research in preparation for graduate thesis and conferences on results. In addition, each candidate for a graduate degree will meet with other graduates for special investigation of some one topic. Open to properly qualified graduate students. (MILLER)

214 Studies in Biography

3 credits Second semester

A brief study of world masterpieces in biography (in English translation), with concentration on contemporary English and American biography. Primarily for Seniors and Graduates. (CUSHMAN)

DRAMATICS AND PUBLIC SPEAKING

SPECIAL NOTE—Eng. 1-2 is prerequisite to all courses in Dramatics and Public Speaking except Eng. 31-32, 33-34, and 37; exceptional cases—students with semi-professional training and experience—will be handled by the Head of the Department. For all hundreds courses in Dramatics and Public Speaking, Eng. 17-18 is a prerequisite.

*Primarily for Undergraduates***31-32 Fundamentals of Speech**

2 credits Each semester

An introduction to the thought, voice, and action of public speaking. Beginning course. Sections limited to fifteen students each. No prerequisite. (WHITEHEAD, BLANCHARD)

33-34 Reading and Interpretation

2 credits Each semester

Analysis and presentation of monologues, stories, poems, plays, etc. No prerequisite. (BLANCHARD)

35 Extemporaneous Speaking

2 credits First semester

The application of the extempore method to public speaking. One section. Open to those who have had Eng. 31-32 or equivalent. Open to Freshmen by special permission. (WHITEHEAD)

36 Parliamentary Law and Procedure

2 credits Second semester

A study of parliamentary law and procedure through organization of the class as a parliamentary body and practice of speech under parliamentary conditions. Open to Freshmen by special permission. (WHITEHEAD)

37 Intercollegiate Debating

1 credit Either semester

The questions for debate are studied and briefed, and frequent debate practice is held. Students are selected on a competitive basis and organized into a regular class. University debaters are chosen primarily from this group. Open to Freshmen by special permission. (WHITEHEAD)

71-72 Fundamentals of Play Production

3 credits Each semester

A study of the principles of acting, staging, and directing of plays, together with practical application of these principles in laboratory production of one-act plays. No public appearance is guaranteed members of the class. If registration is too large, trials will be given to determine those best fitted for the work. One lecture hour and two two-hour laboratory periods each week. (BLANCHARD)

For Advanced Undergraduates and Graduates

- 123-124 Contemporary Drama** 2 credits Each semester
For description of these courses see statement of Eng. 123 and 124.

- 141-142 Shakespeare and Dramatic Influences on Shakespeare** 3 credits Each semester
For description of these courses, see the statement of Eng. 141 and 142.

- 159 Voice Production** 2 credits First semester
The physical factor of voice production will be considered in detail, with emphasis on the proper use of resonating chambers; there will be a study of tongue placement for all the phonetic sounds; an effort will be made to improve tone quality; some emphasis will be given to diction; class practice will be part of the course. Prerequisites: Eng. 1-2, 17-18, 33-34 or 35-36 or 37. (WHITEHEAD)

- 160 Speech Composition** 2 credits Second semester
Original preparation of the eight various types of addresses; models will be studied; stress will be laid on various attention devices; some delivery of speeches in class. Prerequisites: Eng. 1-2, 17-18, 35-36 or 37. (WHITEHEAD)

- 162 Speech Correction** 2 credits Second semester
A study of the general functional cases, including delayed speech, halting speech, monotonous speech, nasality, lisping, voice defects. Especial attention will be given to stuttering, the diagnosis of the case and the therapy. The English sounds will be studied as to their formation by the organs of articulation. Especially intended for teachers. Prerequisites: Eng. 1-2, 17-18, and 31-32 or 33-34 or equivalents. (WHITEHEAD)

- 163-164 Advanced Speaking** 2 credits Both semesters
Origin of speech; development of speech in race and individual; personality in speech; psychology of persuasion in attention. Prerequisites: Eng. 1-2, 17-18, 33-34 or 35-36 or 37. (WHITEHEAD)

- 165-166 Argumentation and Debate** 2 credits Each semester
Practical logic, argumentation, analysis, briefing, and presentation of debates. Open to those with Eng. 35, 36, or equivalent, and with Eng. 1-2 and 17-18. (WHITEHEAD)

- 167-168 Advanced Interpretation** 2 credits Each semester
First semester largely the interpretation of contemporary drama; second semester, of Shakespearean plays. Open to those with Eng. 33-34, or equivalent, and with Eng. 1-2 and 17-18. With the recommendation of the instructor, this course may be taken two years in succession. (BLANCHARD)

- 171-172 Advanced Play Production** 3 credits Each semester
A continuation of the staging and acting of plays, with special emphasis on the interpretation of full-length plays. Open to properly qualified students from Eng. 71-72 or to those with equivalent training. With the recommendation of the instructor this course may be taken two years in succession. Prerequisites: Eng. 1-2 and 17-18. (BLANCHARD)

- 174 History of the Theatre** 2 credits Second semester
A study of the world theatre as an art form and a social institution, from its beginnings to the present time. Prerequisites: Junior standing, with Eng. 1-2, 17-18. (BLANCHARD)

JOURNALISM

SPECIAL NOTE.—Eng. 1-2 is a prerequisite to all Journalism courses; exceptional cases will be handled by the Head of the Department—students with considerable practical experience or with advanced standing. For all hundreds courses in Journalism, Eng. 17-18 is a prerequisite.

Primarily for Undergraduates

- 81-82 Elements of Journalism** 2 credits Each semester
An introduction to the principles of news writing. Study of newspaper organization and methods. Comparative study of metropolitan newspapers. All written work is done on the typewriter. (BETH)
- 83-84 College Journalism** 1 credit Each semester
One credit each semester will be given for *Argonaut* work done under the following conditions: the student must be the editor or managing editor of *The Argonaut* or an upperclassman majoring in Journalism; he must register for the credit. (BETH)

For Advanced Undergraduates and Graduates

- 181-182 Reporting** 4 credits Each semester
Practical training in reporting and news writing. General assignment and "run" work for city daily newspaper. Study of courts, public offices, and public affairs as a source of news. Two recitations and two three-hour laboratory periods weekly. Prerequisites: Eng. 1-2, 17-18, 81-82 or equivalent. (BETH)
- 183 Editorial Writing** 3 credits First semester
Discussion of current events. The process of logical thinking. Instruction and practice in the writing of editorials. Prerequisites: Eng. 1-2, 17-18, 81-82. (Not given in 1935-36.) (BETH)
- 184 News Editing** 3 credits Second semester
Practice in copy reading and headline writing; problems of newspaper desk work; proof-reading; practical print shop instruction in makeup and typography. Two two-hour copy reading laboratory periods weekly, with some outside preparation, and one three-hour print shop laboratory period weekly. Prerequisites: Eng. 1-2, 17-18, 181. May be taken with Eng. 182. (Not given in 1935-36.) (BETH)
- 185 History of Journalism** 2 credits First semester
History of the principles and the persons contributing to the development of American journalism. Present tendencies. Outstanding western newspapers and editors. Prerequisites: Eng. 1-2, 17-18, 81-82. (BETH)
- 186 Special Feature Articles** 3 credits Second semester
The writing of non-fiction, special feature articles for newspapers and magazines. Practical and specific study of markets for manuscripts. Individual instruction is given during private conferences. Prerequisites: Eng. 1-2, 17-18, 181-182, or to be taken with Eng. 182, or special permission of instructor and of Head of Department. (BETH)
- 191 Ethics of Journalism** 2 credits First semester
A study of professional standards in journalism, with the influences affecting them. The social responsibility of the newspaper. Prerequisites: Eng. 1-2, 17-18, 81-82. (BETH)
- 192 Law of the Press** 2 credits Second semester
Chiefly a study of the law of libel. Consideration is given also to such topics as the right of privacy, contempt of court, freedom of the press, copyright, statutory limitations, postal regulations, and the right to reprint public affairs. Prerequisites: Eng. 1-2, 17-18, 81-82. (Not given in 1935-36.) (BETH)

- 197 Problems in Newspaper Publishing** 2 credits First semester
Editorial, business, and print shop problems of the weekly and small daily newspaper. Common problems in circulation, advertising, promotion, competition, and administration. Newspaper correspondence. The newspaper analysis and community survey. Prerequisites: Eng. 1-2, 17-18, 81-82. (Not given in 1935-36.) (BETH)
- 198 High School Journalism** 2 credits Second semester
Problems in directing high school newspapers and magazines. Prerequisites: Eng. 1-2, 17-18, 81-82 or consent of the Head of the Department. (BETH)

ENTOMOLOGY

Professor WAKELAND, Associate Professor SHULL

For Advanced Undergraduates and Graduates

- 101 General Entomology** 3 credits First semester
Study of structure, development, classification, life history and ecology of insects. Two lectures and one laboratory period a week. Prerequisite: Zool. 1 or Bot. 2. (SHULL)
- 103 External Insect Anatomy** 2 credits First semester
Study of insect characters used in classification. Two laboratory periods a week. Prerequisite: Ent. 101. (SHULL)
- 104 Economic Entomology** 3 credits Second semester
A detailed study of the habits and effects of insects and the principles of insect control. Two lectures and one laboratory period a week. Given in alternate years. Offered in 1935-36. Prerequisite: Ent. 101. (WAKELAND, SHULL)
- 105-106 Systematic Entomology** 2 credits Each semester
Study of the classification of insects. Two or three laboratory period a week. Prerequisite: Ent. 101. (SHULL)
- 107-108 Special Problems** 2 or 3 credits Each semester
Prerequisite: Senior standing and permission of instructor before registration, and Ent. 104 or 106. (WAKELAND, SHULL)
- 110 Entomological Technique** 3 credits Second semester
Museum methods of insect preservation, preparation of demonstration materials, life-history study and technique. Two lectures and one laboratory period a week. Given in alternate years. Not offered in 1935-36. Prerequisite: Ent. 101. (SHULL)
- 111-112 Pro-Seminar** 1 credit Each semester
Prerequisite: Ent. 101. (WAKELAND, SHULL)
- Parasites and Parasitosis of Domestic Animals** 3 credits First semester
See A.H. 175. (Available to students in Entomology.)
- Insecticides and Fungicides** 2 credits Second semester
See Hort. 180. (Available to students in Entomology.)

Primarily for Graduates

- 209-210 Research** Credits to be arranged Each semester
Prerequisite: Ent. 104 or 106. (WAKELAND, SHULL)
- 211-212 Seminar** 1 credit Each semester
Prerequisite: Ent. 104 or 106. (WAKELAND, SHULL)

EUROPEAN HISTORY AND CIVILIZATION

Professor CHURCH, Assistant Professor MARSHALL,
Professor AXTELL, Associate Professor HOWE

The following courses are open to all upper-division students: (a) the courses primarily for undergraduates, numbered from 50 to 99; and (b) such courses among those for advanced undergraduates as have no pre-requisites other than Junior or Senior standing.

Primarily for Undergraduates

- 1-2 History of Civilization** 3 credits Each semester
A survey course in the history of the life and thought of the past, together with its expression in art and letters. It aims to show their relationships with each other and with politics. (CHURCH)
- 13-14 Classical Civilization** 3 credits Each semester
The course deals with the Grecian and Roman governments, customs, art, literature, and institutions and their contribution to the modern world. It is carried through lectures by instructors, and reports, papers, and written exercises by members of the class. (AXTELL)
- 51-52 The Middle Ages** 3 credits Each semester
European history from the German invasions to the downfall of the feudal system. Contributions of the classical, the Christian, and the Saracen civilizations. (MARSHALL)
- 53-54 Modern Europe** 3 credits Each semester
The evolution of the modern state system and of international relations through the break-up of the Concert of Powers. (Not given in 1935-36.) (MARSHALL)
- 55-56 The Nineteenth Century** 3 credits Each semester
This course is designed for students who want to attempt recent history without previous college work in history and to acquire practice in the historical method. Its beginning is the downfall of Napoleon and its scope is measured by the ability of the class. (CHURCH)
- 57-58 English Constitutional History** 2 credits Each semester
English history with special reference to the parliamentary system of government from Magna Carta to the modern cabinet, and with special attention to the needs of law students. (MARSHALL)

For Advanced Undergraduates and Graduates

- 105-106 Recent Times** 3 credits Each semester
A study of the European nations from about 1870, with special reference to the Near and Far Eastern questions, and to colonial expansion in Asia and Africa. With these are discussed European problems that also contributed to the Great War. Prerequisite: 12 hours in History, Economics and Political Science. (CHURCH)
- 107-108 English History** 3 credits Each semester
Evolution of the Angle-Saxon element in American civilization. The political, economic, and cultural factors are correlated with special attention to the needs of English majors. (MARSHALL)
- 131 Historical Method** 2 credits First semester
A course preparatory to historical research and to the teaching of history. The nature of sources and authorities, of internal and external criticism, of the auxiliary sciences, of bibliographies and other repositories of historical material. (CHURCH)
- 132 Pro-Seminar** 2 credits Second semester
Continuation of Hist. 131. Study of simple selections of source material with the object of discovering their content and meaning, and using them in practical exercises in the outlining and presentation of historical topics. (CHURCH)

- 134 Teaching of History** 2 credits Second semester
Designed for students expecting to teach history in the intermediate and secondary schools. Methods of approach and the critical examination of textbooks. (CHURCH)
- 135-136 Economic History** 3 credits Each semester
A methodical study of the evolution in modern times of the economic factors in history, carefully correlated with political events which must be estimated in relation to them. The emphasis is distributed among Europe, England, and the United States. (MARSHALL)
- 141-142 French Civilization** 2 credits Each semester
French history in outline, with particular emphasis upon the cultural elements in art, literature, science, and philosophy, and their influence upon modern civilization. (Not given in 1935-36.) (HOWE)
- 151-152 German Civilization** 2 credits Each semester
German history, with emphasis upon the relation of German culture to that of Europe in general and America in particular. (Not given in 1935-36.) (CHURCH)
- 161-162 Spanish Civilization** 2 credits Each semester
A brief study of the various civilizations which went to the building-up of Spanish culture; their fusion in Spain; and their spread throughout the world, particularly America. (HOWE)
- 171-172 Italian Civilization** 2 credits Each semester
Italian history, with emphasis on the singular contributions of Italy to political and intellectual progress. (CHURCH)
- 173-174 The Expansion of Europe** 3 credits Each semester
The transference of European ideas and institutions overseas. Attention will be given to the colonial efforts of the Portuguese and Dutch in the East, to the achievements of Spain in Latin America, and to the fortunes of the British Empire. Prerequisites: 6 hours each of History and Political Science. (MARSHALL)
- Primarily for Graduates*
- 201-202 Seminar** 3 credits Each semester
Subject for 1935-36 is "The Unification of Italy." (CHURCH)
- 203-204 Research** Credits to be arranged Each semester
Investigation of topics leading to the preparation of a thesis. Weekly conferences with the instructor in charge, in which the student is directed in reading, use of materials, and writing of reports. (CHURCH, MARSHALL)
- 207-208 Seminar in English History** 3 credits Each semester
Subject for 1935-36 is "The Epoch of Reform." (MARSHALL)
- 231-232 Renaissance and Reformation** 3 credits Each semester
The development of literature and art, the revival of science, the age of discovery, the undermining of the church by the new critical spirit, and the revolution of religious and political thought which accompanied the attack on the church in the sixteenth century. (CHURCH)

FORESTRY

Professors MCARDLE and HUBERT, Associate Professor JAHN, Assistant Professor SOWDER,* Mr. SPENCE, Mr. OTTER, Dr. MILLER†

Primarily for Undergraduates

- 1-2 General Forestry** 2 credits Each semester
A general course in forestry designed to orient the beginning student in the principles of forestry; forest resources; the history of for-

*On leave of absence, 1934-35.

†Replacing Mr. Sowder for year 1934-35.

estry; economic and social importance to the people of the United States. Each of the various fields of forestry is discussed in detail by the faculty member specializing in that field. Two lectures a week. Not open to non-forestry students.

- 10 Dendrology** 4 credits Second semester
Summer and winter identification, classification, characteristics, and distribution of the principal commercial species of trees of temperate North America, including some exotics. Construction and use of keys. Two lectures or recitations and two laboratory or field periods a week. Prerequisite: Bot. 1.

- 16 Tree Identification** 2 credits Second semester
A course for non-forestry students. Identification and economic uses of trees, with special reference to the trees of Idaho. Two lectures a week.

- 25 Forest Planting** 2 credits First semester
Methods of seed collection; germination tests; nursery practice; field planting. One lecture and one laboratory period a week. Prerequisites: Bot. 1-2, For. 10.

- 53 Recreational Uses of the Forest** 3 credits First semester
Planning and management of recreational forest areas; economic and social uses of forests for recreation. Two lectures and one laboratory period a week. Prerequisites: For. 1, 2, 10.

- 74 Forest Economics** 3 credits Second semester
Historical background of forestry; forest resources and their importance; policies of the United States and important foreign countries; land uses and land use planning; place and value of forestry in the national economic and social structure. Three lectures a week. Prerequisites: For. 1-2, Econ. 51n.

For Advanced Undergraduates and Graduates

- 100 Field Trip** No credit Second semester
Two weeks of field study in June following junior year. A prerequisite to graduation for Range Management majors.

- 101 Field Trip** No credit First semester
Two weeks of field and industry study in September prior to registration for the senior year. A prerequisite to graduation for Forest Production majors and Wood Utilization majors.

- 124 Silviculture** 4 credits Second semester
Ecological and other biological principles and practical methods involved in the production of forests for use. Three lectures and one field period a week. Prerequisites: Bot. 101, For. 10.

- 125 Advanced Silviculture** 2 credits First semester
Methods of planting, training, and reproducing timber stands as used in the several timber growing regions of the United States and Canada; methods of slash disposal, erosion control, insect control; silvicultural costs in the several regions; planting and cultural surveys and plans. One lecture and one field period a week. Prerequisite: For. 124.

- 131 Wood Technology** 4 credits First semester
Structure of wood; identification by gross and minute characteristics; physical properties and uses of important North American woods. Two lectures and two laboratory periods a week. Prerequisites: For. 10, Phys. 3-4.

- 133 Logging** 3 credits First semester
Methods of logging and transportation systems used in various regions, with special reference to sustained forest growth, costs of operation, out-put studies, timber appraisals, and timber sale contracts. Three lectures or recitations with occasional field trips.

- 135 Chemical Utilization of Wood** 3 credits First semester
Introduction to the chemistry of wood, chemical and technological processes for the conversion of wood into commodities; chemical utilization of other products of forest trees. Two lectures and one laboratory a week. Prerequisites: Chem. 1-2, For. 131.
- 136 Wood Industries** 3 or 4 credits Second semester
Manufacture of lumber, lumber grading, uses of lumber; physical properties pertaining to use, joining and fastening of wood; manufacture of wooden products other than lumber; miscellaneous products; economic aspects of the production and consumption of forest products. Three lectures a week (3 credits). For Forest Production majors not electing For. 135 a brief general study of the chemical wood industry will be included in an extra lecture per week (4 credits). Prerequisites: Econ. 51n-52, For. 131.
- 138 Seasoning and Preservation of Wood** 3 credits Second semester
Principles and practices, methods, equipment and costs. Two lectures and one laboratory period a week; laboratory work includes inspection trips to nearby plants. Prerequisites: Chem. 1-2, For. 131, 163, Phys. 3-4.
- 143 Forest Mensuration** 1 or 3 credits First semester
Log rule construction, log scaling, graphical analysis, alignment charts, statistical methods applied to forestry problems. Wood Utilization majors may register for 1 credit for first part of course covering units of measurement and log scaling. Two lectures and one laboratory or field period a week. Prerequisites: C.E. 3a-4.
- 144 Forest Mensuration** 3 credits Second semester
Volume table construction, timber estimating, growth and yield studies. Two lectures and one laboratory or field period a week. Prerequisite: For. 143.
- 151 Range Management** 3 credits First semester
Grazing history and policy; pasture and range revegetation; improvement and management of pasture lands; poisonous plants; improvement and economics of grazing. Three lectures a week with reading assignments, problems and reports. Open to students of junior standing in related fields such as Animal Husbandry and Plant Ecology.
- 152 Advanced Range Management** 3 credits Second semester
Range reconnaissance, inspection, research, management plans, palatability, classification and types of native forage plants. Problems and reports. Restricted to Range Management majors. Two lectures and one laboratory a week. Prerequisites: Bot. 53-54, For. 151.
- 159 Game Conservation** 3 credits First semester
This course treats of wild life as a renewable, natural resource and reviews methods by which it can be managed in order to provide an annual crop for recreational use; game laws and legislation; habits, requirements, and distribution of important species; relation of recreation and wild life conservation to forest management. Three lectures or recitations a week.
- 163 Forest Pathology** 2 or 3 credits First semester
History, principles, and practices of forest pathology. Principal tree diseases, their cause and control. Wood pathology, decay and staining of lumber, timber and other wood products; lumber yard sanitation; cause and control of decay in buildings. Field work on the identification of diseases. Wood Utilization majors may omit the laboratory and register for two credits. Two lectures and one laboratory period a week. Prerequisites: Bot. 1-2, For. 131. Students electing this course must elect For. 143 at same time.

- 167 Fire Prevention and Control** 3 credits First semester
Forest fire danger and its reduction through elimination of the causes of fire and through planned attack and suppression. Fire danger and its measurement; slash disposal; and the financial aspects of fire control. Two hours discussion and recitation and one laboratory period a week. Prerequisites: C.E. 3a-4, Phys. 3-4.
- 175 Forest Management** 3 credits First semester
Basic principles of the financing and regulation of forests as a business for timber production. Three lectures a week. Election of this course restricted to seniors and graduate students.
- 176 Forest Management** 2 credits Second semester
Application of principles of forest management; forest working plans. Two laboratory periods a week. Prerequisite: For. 175.
- 182 Forest Improvement** 2 credits Second semester
Location and construction of trails and roads; elements of bridge design, dams, and drainage systems; forest structures. One lecture and one field or laboratory period a week. Prerequisites: C.E. 3a-4, Phys. 3-4.
- 186 Forest Administration** 2 credits Second semester
Analysis and planning of work; selection, training, and organization of personnel; laws and regulations; administration of national, state, and private forest properties.
- 190 Forest Research Methods** 2 credits Second semester
History of forest research, research agencies, use of forest literature, use of statistics, preparation of research outlines (working plan for For. 194 included); preparation of manuscripts. Prerequisite: junior standing.
- 194 Forest Research** 2 credits Second semester
Completion of a thesis based on individual research in the field or laboratory. The working plan must be prepared in For. 190. Prerequisite: For. 190.
- 195-196 Pro-seminar** 1 credit Each semester
Discussion of forest matters and trends in forest development. Restricted to graduating seniors and to graduate students.

Primarily for Graduates

- 235-236 Wood Chemistry** 1-3 credits Each semester
Chemistry of cellulose and other polysaccharides; chemistry of wood; chemistry laboratory work in wood analysis and the chemistry of wood. Prerequisites: Chem. 101-102, For. 131.
- 263 Advanced Forest Pathology** 1-3 credits Either semester
Advanced work in field methods and laboratory technique in preparation for intensive studies of tree diseases and diseases of wood products. Prerequisites: Bot. 1-2, For. 131, 163.
- 291-292 Research in Forestry** Credits to be arranged Each semester
Facilities and instruction are offered for graduate research in professional or in scientific work along special lines. Individual research under the guidance of the major professor concerned is required.

French

(See under *Modern Languages*)

GEOLOGY AND GEOGRAPHY

Professors LANEY,* ANDERSON, Assistant Professor STALEY,
and Mr. SCHEID

Primarily for Undergraduates

- 1 Introductory Geology** 4 credits Either semester
An informational course for the non-technical student, and designed to be a foundation for additional geological study by the technical student. Three hours of lecture and recitation, and one laboratory period each week. (LANEY)
- 2 Historical and Physical Geology** 4 credits Second semester
A course planned to articulate with the introductory course, but in no way to duplicate it. The two give the student a thorough understanding of the fundamental principles and facts of general geology. Three hours of lecture, recitation, and readings, and one laboratory period each week. Prerequisite: Geol. 1 or equivalent. (LANEY)
- 11 General Geography** 4 credits First semester
A study of the character and distribution of the elements of natural environment, together with the human adjustments made to these elements. An introduction to the study of geographic regions of the world, with one laboratory period each week. (LANEY)
- 12 Economic Geography** 3 credits Second semester
The relationship between geographical environment, climate, etc., and human activity, industry, and commerce. The geographical distribution of the natural resources of the world and the effect of this distribution upon national growth and trade activities. (LANEY)
- 53 General Mineralogy** 3 credits First semester
A study of crystal systems and classes with emphasis on their use in mineral identification and of the more important physical properties of the common minerals, especially those characters useful in field recognition. One lecture and two three-hour laboratory periods a week. Prerequisites: Chem. 2 and Geol. 2. (SCHEID)
- 54 General Mineralogy** 3 credits Second semester
Determinative mineralogy with lectures and recitations upon the geologic occurrence, genesis, association, and alteration products of minerals. One lecture and two three-hour laboratory periods a week. Prerequisite: Geol. 53. (SCHEID)

For Advanced Undergraduates and Graduates

- 101 Advanced Physiography** 3 credits First semester
The nature and results of gradation, agents of diastrophism, and vulcanism; special problems of geologic processes; interpretation of land forms and of sedimentary and metamorphic structures. Prerequisites: Geol. 1-2. (ANDERSON)
- 102 Advanced Stratigraphy** 3 credits Second semester
An advanced course based chiefly on the physical history of the North American continent, in which particular emphasis is placed on the character and distribution of the rocks and the conditions attending their formation. Prerequisite: Geol. 101. (SCHEID)
- 107 General Petrology** 2 credits First semester
Treats of the composition, origin, modes of occurrence, and structures of rocks; their metamorphism and decomposition. Prerequisite: Geol. 1. (SCHEID)
- 111 Introductory Paleontology** 3 credits First semester
Lectures and laboratory work on the geological relationships, origin, and development of the more important types of animals and plants; the

*On leave second semester, 1934-35.

distribution of the various organisms throughout geologic time; and the value of fossils in stratigraphic geology. Two lectures and one laboratory period a week. Prerequisite: Geol. 2. (SCHEID)

113-114 Advanced Environmental Geography 2 or 3 credits Each semester

Detailed studies of selected regions, nations, continents, from the standpoint of natural environment, the geological processes involved in the development and modification of the factors of environment, together with human response to geographic conditions as illustrated in history. Supervised individual studies in which student and instructor will cooperate fully. Prerequisites: Geol. 1-2, and Geol. 11. (LANEY)

116 Geography and Geology of Idaho and the Pacific Northwest

3 credits Second semester

Lectures, readings, topical investigations, dealing with the physical, human, and economic geography and the stratigraphic, structural, igneous, physiographical geology and the mineral resources of the Pacific Northwest. Prerequisites: Geol. 1-2. (LANEY)

117-118 Advanced Economic Geography 2 or 3 credits Each semester

Intensive studies of the development and capacity of industry in its relations to the factors of geographic environment in areas, regions, states and nations. Supervised individual studies, in which student and instructor will cooperate fully. Prerequisite: Geol. 11 and 12. (LANEY)

123 Mineral Resources 3 credits

First semester

A technical study of the mineral resources of the world, dealing with the character, distribution, and reserves of the important economic minerals, including discussions of their use and importance in our economic life; the costs of mining, transportation, smelting, and the labor necessary for the various processes. Prerequisite: Geol. 1. Given in alternate years. Not given 1935-36. (LANEY)

130 Geological Field Methods 2 credits

Second semester

Lectures and assigned readings on methods of geological field-work, note-taking, and making of geological maps and reports, in preparation for the practical application of these principles in actual field-work. Prerequisites: Geol. 2 and C.E. 3a and 4. (ANDERSON, SCHEID)

131 Geological Field Methods 2 credits

First semester

Three weeks' instruction, between August 25 and September 15 inclusive, upon the theory and use of instruments in topographic, geologic, and mining surveys, one credit; one three-hour laboratory period throughout the semester, preparing maps from field notes, reviewing literature upon field problems and writing reports, one credit. Prerequisite: Geol. 130. (SCHEID)

141-142 Current Geologic Literature 1 credit

Each semester

Reviews, reports, and critical study of current geological literature. Prerequisite: Geol. 2. (DEPARTMENTAL STAFF)

154 Petroleum Geology 3 credits

Second semester

Stratigraphy and structure with reference to petroleum origin, migration, and accumulation; geology of the world's greatest oil fields; field methods used to locate oil and gas; view of the outstanding economic aspects of the industry. Prerequisites: Geol. 102 and Phys. 4 and 12. Given in alternate years. Given 1935-36. (LANEY)

156 Mineragraphy 2 credits

Second semester

Application of the reflecting microscope to problems of geology, mineralogy, and metallurgy. Methods of preparation of polished sections of opaque minerals and metallurgical products, their identification and the interpretation of their structure under the microscope. Two three-hour laboratory periods a week. Prerequisites: Geol. 54 and Chem. 51. (LANEY)

- 157 Geology of Ore Deposits** 4 credits First semester
The origin, occurrence, and distribution of metallic mineral deposits. Laboratory practice in the interpretation of ore textures and in determination of mineral paragenesis, stressing especially the criteria used in classifying deposits. Prerequisites: Geol. 54 and Chem. 51. (ANDERSON)
- 158 Geology of Non-Metalliferous Deposits** 3 credits Second semester
The nature, mode of occurrence, distribution, origin, and uses of the more important non-metallic mineral deposits, exclusive of petroleum. Prerequisite: Geol. 54. (ANDERSON)
- 161 Structural Geology** 3 credits First semester
A discussion of rock structures such as fracture, cleavage, joints, faults, folds, etc., the mechanics of their origin, their interpretation and their application to the solution of other geologic problems. A review of the principles and theories of diastrophism. Prerequisite: Geol. 54 or 102. (ANDERSON)
- 162 Sedimentation** 2 or 3 credits Second semester
Lectures to deal with the principles of sedimentation or the natural history of the sediments, two hours per week, two credits. Prerequisite: Geol. 54. Laboratory work to accompany the course, but optional with the student, one credit. Laboratory studies to consist of mechanical analysis of sediments, separation of heavy minerals, and examination of detrital grains together, with interpretation of data obtained as to the nature, origin, and mode of deposition of the sediments. Prerequisites: Geol. 54 and 163. (SCHEID)
- 163 Optical Mineralogy** 3 credits First semester
A study of optics as applied to the determination of minerals by the polarizing microscope and the identification of minerals in thin section and in fragments. One lecture and two three-hour laboratory periods a week. Prerequisites: Geol. 54 and Phys. 4 or 12. (ANDERSON)
- 164 Petrography** 3 credits Second semester
A study of rock-forming minerals and rocks with the petrographic microscope. Emphasis placed on the classification of rocks, especially the igneous and metamorphic, from mineralogical composition. One lecture and two three-hour laboratory periods a week. Prerequisite: Geol. 163. (ANDERSON)
- 190 Geophysical Prospecting** 2 credits Second semester
A study of geophysical devices for locating mineral deposits. Magnetic, electrical, seismic, torsion balance, and geothermal methods, also those dependent upon radio-activity of matter. Prerequisites: Geol. 53-54, Phys. 3-4, or Phys. 11-12. (STALEY)
- 194 Geologic Thesis** 2 credits Second semester
As this course will require field work in most cases, the student should consult instructors at the close of his Junior year. (DEPARTMENTAL STAFF)

Primarily for Graduates

- 201-202 Advanced Studies in Geography and Geology** 2 to 4 credits Each semester
(a) Sedimentation, (b) Geologic Processes, (c) Mineral Deposits, (d) Structural Geology, (e) Economics of the Mineral Industry (in cooperation with the School of Business Administration), (f) Petrology, (g) Mineralogy, (h) Soils (in cooperation with the College of Agriculture). These courses are open to students qualified to carry on profitably advanced studies in any of the fields specified. The work will consist of guided and closely supervised readings, work in laboratory or field, and regular conferences with the instructor. May be elected more than once to pursue different studies. (DEPARTMENTAL STAFF)

225-226 Geographic and Geologic Research in Specific Fields

Credits to be arranged Each semester
 (a) Sedimentation, (b) Physiography, (c) Stratigraphy, (d) Geologic Structures, (e) Mineral Deposits, (f) Petrology, (g) Mineralogy. In these courses there will be placed at the disposal of properly qualified students the working and instructional facilities of the whole department. Courses may be elected more than once to carry on different researches. (DEPARTMENTAL STAFF)

German

(See under *Modern Languages*)

Greek

(See under *Classical Languages*)

History

(See under *American History* and *European History*)

HOME ECONOMICS

Professor JENSEN, Associate Professor LEWIS, Assistant Professors SELL* and INGALLS; Miss FEATHERSTONE, Mrs. BUCHANAN, Miss THORNER, Miss HUNTER†
 Assistant Professor PRICHARD

FOODS*Primarily for Undergraduates*

- 4 Experimental Cookery** 3 credits Second semester
 Foods, their classification, composition and value in diet. Chemistry of cookery. Kitchens and their equipment. One lecture and two three-hour laboratory periods a week. Prerequisite: Chem. 1-2. (LEWIS)

For Advanced Undergraduates and Graduates

- 101 Selection and Preparation of Foods** 3 credits First semester
 Food preservation. Home projects. Seasonal problems. Nutritive values. One lecture and two three-hour laboratory periods a week. Prerequisites: Chem. 1-2, and H. Ec. 4. (LEWIS)
- 102 Marketing and Serving** 3 credits Second semester
 Problems in marketing and meal service. Nutritive values. Entertaining. Invalid cookery. School lunches. One lecture and two three-hour laboratory periods a week. Prerequisites: Chem. 54 and H. Ec. 101. (LEWIS)
- 103-104 Dietetics** 3 credits Each semester
 Processes concerned in growth, maintenance and repair; diets, computation of caloric values. Infant feeding, special diets in disease. Two one-hour periods and one three-hour period a week. Prerequisites: Chem. 54; H. Ec. 102; Zool. 6; and Bact. 51. (JENSEN)

HOME ECONOMICS RESEARCH*Primarily for Graduates*

- 201-202 Research** Credits to be arranged
 (JENSEN)

*On leave second semester, 1934-35.

†Replacing Miss Sell second semester, 1934-35.

HUMANICS

Primarily for Undergraduates

- 42 Problems in the Modern Home** 2 credits Second semester
 Spending the income; the house furnishings; management problems; the food problem—cost, selection, relation to health; clothing—cost, selection, care; the child—establishment of desirable habits and attitudes. Two one-hour periods a week. Planned for students not majoring in Home Economics. (JENSEN)

For Advanced Undergraduates and Graduates

- 135 Child Development** 2 credits First semester
 Problems of infancy, physical care for normal growth and development, recreation, prevention of defects, behavior difficulties, and remedial procedures. Two lectures a week. Prerequisites: H. Ec. 35 and Junior standing. (JENSEN)
- 136 Economic and Social Problems of the Home** 2 credits Second semester
 History of the family as a social and educational institution. Two lectures a week. Prerequisites: 6 credits Social Studies and H. Ec. 135. (JENSEN)

TEXTILES AND CLOTHING

Primarily for Undergraduates

- 23 Textiles** 2 credits First semester
 History and development of textiles with viewpoint of consumer. One lecture and one two-hour laboratory period a week. (INGALLS)
- 24 Elementary Clothing** 3 credits Second semester
 Fundamentals of hand and machine sewing; making of simple garments; renovation and repair of clothing. Application of the principles of line and color as used in clothing. One lecture and two three-hour laboratory periods a week. Prerequisite: H. Ec. 23. (INGALLS)
- 65 Costume Design.** 2 credits First semester
 A study of the application of art principles to the practical demands of the costume for various types of people, figures, and occasions. Two two-hour periods a week with outside work. Prerequisite: H. Ec. 12. (FEATHERSTONE)

For Advanced Undergraduates and Graduates

- 105 Advanced Clothing** 2 credits First semester
 Garments designed from flat patterns. Emphasis on fitting and designing of garments. Two three-hour periods a week. Prerequisites: H. Ec. 24 and 65. (INGALLS)
- 106 Dress Designing and Millinery** 2 credits Second semester
 Designing and draping of more difficult garments. Types of decoration. Designing of felt and fabric hats. Hat renovation problems. Two three-hour periods a week. Prerequisite: H. Ec. 105. (INGALLS)
- 166 Historic Costume** 2 credits Second semester
 A comprehensive study of historic and national costume to develop knowledge and appreciation essential for designing of clothing and costuming for pageants and plays. Two three-hour periods a week. Prerequisite: H. Ec. 65. (FEATHERSTONE)

ART

Primarily for Undergraduates

- 11n-12 Art Structure and Design** 2 credits Each semester
 Study of principles of line, dark and light and color. Applied design. Two three-hour periods a week. Credit for H. Ec. 11 will not be given until after completion of H. Ec. 12. (FEATHERSTONE)

THE HOUSE

Primarily for Undergraduates

- 82 House Construction** 2 credits Second semester
Problems involved in designing a house; the plan; the interior and exterior design; building materials; and methods of construction. Three one-hour periods a week. Prerequisite: H.Ec. 11-12. (PRICHARD)

For Advanced Undergraduates and Graduates

- 141 Interior Decoration** 2 credits First semester
The principles of art applied to interior decoration; a study of period furniture. Emphasis on the planning and decoration of the modern American house. Two two-hour periods a week with outside work. Prerequisite: H.Ec. 12. (FEATHERSTONE)
- 144 Advanced Interior Decoration** 2 credits Second semester
A concentrated study of the colonial and modern American house. Actual problems in decorating a house or room. Two three-hour periods a week. Prerequisite: H.Ec. 141. (FEATHERSTONE)

HOUSEHOLD ADMINISTRATION

Primarily for Undergraduates

- 35 Home Nursing** 2 credits First semester
Personal hygiene; the general care of the sick; emergencies and first aid to the injured. One three-hour period a week, with outside work. Open to Freshmen and Sophomores. (BUCHANAN)
- 131 House Management and Sanitation** 2 credits First semester
Organization of the household. Two lectures a week. Open to Juniors and Seniors. Prerequisites: H.Ec. 82. (LEWIS)
- 138 Institutional Administration and Quantity Cookery** 4 credits Second semester
Management and practice applied to institutional administration. Prerequisite: H.Ec. 102 and 131. (JENSEN)
- 133 Practice Cottage** 2 credits Either semester
Managing the house, planning and cooking all the meals, buying and paying the bills. Budgeting and keeping accurate account of all the expenditures. The practice cottage, will, in so far as possible, reproduce home conditions. Four weeks. Prerequisite: Senior standing. (JENSEN)

METHODS

For Advanced Undergraduates and Graduates

- 152 Methods of Teaching Home Economics** 2 credits Second semester
The relation of Home Economics subjects to education; their place in the curriculum; and the methods employed in teaching them; lesson plans, courses of study, and problems of equipment. Three one-hour periods a week. Prerequisites: 6 credits in Education, H.Ec. 24, 101, 35, and 65. (SELL)
- 153 Methods in Related Art and Science** 2 credits First semester
Scientific principles applied to solution of problems arising in vocational Home Economics. Principles and problems in teaching related art in addition to art principles applied to costume design and interior decoration. Two lectures a week. Prerequisite: H.Ec. 152. (SELL, FEATHERSTONE)
- 155 Methods for Extension Workers** 2 credits First semester
Methods of procedure for extension workers in Home Economics. Each student must prepare and present lectures and demonstrations on various problems of the home. Two lectures a week. Prerequisite: H.Ec. 152. (JENSEN)

157 Observation and Teaching in Home Economics

4 credits

Either semester

Observation and teaching under supervision in the home economics classes of the Moscow High School. Four weeks. Prerequisites: H.Ec. 152, and 105. (SELL, THORNER, HUNTER, JENSEN)

HOME ECONOMICS FOR NON-HOME ECONOMICS STUDENTS*Primarily for Undergraduates***1 Cooking and Serving**

2 credits

First semester

For students not registered in Home Economics. This will include the preparation of food and serving of meals. Two three-hour laboratory periods a week. (LEWIS)

21 Clothing

2 credits

First semester

For students not registered in Home Economics. Practice in cutting, making, and remodeling of garments, including selection and care of clothing. Two three-hour laboratory periods a week. (INGALLS)

32 The House

2 credits

Second semester

For students not registered in Home Economics. To develop an appreciation of problems in connection with the planning, building and decorating of a house and the developing of good taste and appreciation in the selection and arrangement of furniture, drapes, rugs, and accessories. Two lectures a week. (FEATHERSTONE)

HORTICULTURE

Professor VERNER, Assistant Professor TUCKER

*Primarily for Undergraduates***2 Introduction to Horticulture**

3 credits

Second semester

General principles of plant propagation, fruit growing, vegetable gardening, landscape gardening and floriculture. Freshman year. Two lectures and one three-hour laboratory period a week. (VERNER, TUCKER)

56 Home Floriculture

2 credits

Second semester

Practical methods of propagation and culture of flowers and ornamental plants in and about the home. One recitation and one three-hour laboratory period a week. (VERNER)

*For Advanced Undergraduates and Graduates***109 Floriculture**

1 credit

First semester

Principles and practices in the commercial production and handling of flowers. One laboratory period a week. Prerequisite: Hort. 2 or 56. (VERNER)

120 Landscape Gardening

3 credits

Second semester

Elementary principles underlying the use of plants for beautifying private and public grounds. Two lectures and one three-hour laboratory period a week. (TUCKER)

140 Vegetable Gardening

3 credits

Second semester

Fundamental principles and practices in the production and handling of vegetable crops. Two lectures and one three-hour laboratory period a week. Prerequisite: Hort. 2. (TUCKER)

147 Potato Culture

1 credit

First semester

A course dealing with the history, acreage and distribution, varieties, planting, and general culture and handling of the potato. Designed especially for those desiring to grow potatoes on a commercial scale. One lecture a week. (VERNER)

- 161 Tree-Fruit Production** 3 credits First semester
Fundamental principles and practices in the production and handling of tree-fruit crops. Two lectures and one recitation period a week. Prerequisite: Hort. 2. (VERNER)
- 168 Small-Fruit Production** 2 credits Second semester
Fundamental principles and practices in the production and handling of small-fruit crops. Two lectures a week. Prerequisite: Hort. 2. (TUCKER)
- 180 Insecticides and Fungicides** 2 credits Second semester
Application, effects and chemistry of insecticides and fungicides. Given cooperatively by the departments of Horticulture, Agricultural Chemistry, Agricultural Engineering, Entomology and Plant Pathology. One lecture and one three-hour laboratory period a week. Prerequisites: Junior standing and consent of the Head of the Department in which the student is majoring. (VERNER and others)
- 183 Systematic Horticulture** 1 credit First semester
Classification, nomenclature and description of horticultural plants, with consideration of varietal characteristics. One lecture a week. (VERNER)
- 186 Improvement of Horticultural Plants** 2 credits Second semester
Study of the characteristics desired, methods used, results obtained, and the importance of breeding and selection, in the improvement of woody and herbaceous horticultural plants. Prerequisites: Hort. 2, Hort. 183, Agron. 101. (TUCKER)
- 190 Storage and Preservation of Horticultural Products** 2 credits Second semester
A study of the methods of preservation and storage requirements of various horticultural products, special emphasis being placed on respiration, ripening, preservation, and breakdown of these products. One lecture and one recitation a week. Prerequisites: Hort. 2 and Bact. 51, or P.P. 101. (TUCKER)
- 193-194 Special Problems** 2 credits Each semester
A course affording an opportunity for advanced majors to secure additional, specialized training in one of the three main subdivisions of the field: namely, fruit production, vegetable production or ornamental horticulture. Assigned reading or laboratory work as arranged. Prerequisite: Consent of the Head of the Department. (VERNER, TUCKER)
- 195-196 Pro-Seminar** 1 credit Each semester
Review of current literature in Horticulture. Papers by members of the department and students. For advanced majors only. (VERNER, TUCKER)
- 198 Thesis** 1 credit Second semester
Primarily for Graduates
- 201-202 Advanced Horticulture** 3 credits Each semester
(VERNER, TUCKER)
- 203-204 Research** Credits to be arranged Each semester
(VERNER, TUCKER)

Italian

(See under *Modern Languages*)

Journalism

(See under *English*)

Latin

(See under *Classical Languages*)

LAW

Professors HOWARD and HARDING; Associate Professor HOPKINS;
Assistant Professor PITTMAN.

Messrs. AILSHIE, OPPENHEIM and GOFF, Special Lecturers

FIRST YEAR

(Required)

- 101n-102 Contracts** 3 credits Each semester
Formation and performance of promissory undertakings in formal and informal business transactions, including breach and remedies therefor. Grismore's *Cases on Contracts*. (HARDING)
- 105n-106 Criminal Law and Procedure** 3 credits First semester
2 credits Second semester
The problem of criminal justice; the sources of and purposes of the criminal law; the meaning of criminal responsibility; the characteristics of particular crimes; organization and procedure in criminal courts; problems of prosecution; agencies for punishment, probation, pardon, and parole. Harno's *Cases and Materials on Criminal Law and Procedure*; Idaho Penal Code and Code of Criminal Procedure. (HOWARD)
- 107 Court Organization** 3 credits First semester
Development of the English court system and reception and modification of the system in the United States with emphasis upon the origin of the doctrine of nullity of extra-jurisdictional action; modernization of the English system; organization of state judiciary systems. McCormick's *Cases and Materials on Court Organization* (mimeographed). (HOPKINS)
- 109 Civil Procedure** 3 credits First semester
An introductory course on procedure in actions at law; origin and development of the common law forms of action; development of equity jurisdiction; the fusion of law and equity. Magill's *Cases on Civil Procedure* (2nd ed.); Morgan's *Introduction to the Study of Law*. (HOPKINS)
- 111n-112 Property** 3 credits Each semester
Introduction to real and personal property; modes of acquiring common types of interests in land and personal chattels and the nature of the interests; fixtures, emblements, waste and some legal relations of landowners. Fraser's *Cases and Readings on Property* (Vols. 1 and 2). (PITTMAN)
- 116 Torts** 5 credits Second semester
The protection, legal and equitable, given the interests of personality and property by the judicial process against physical harms and harms of appropriation; the protection given interests in relations with other persons. Green's *The Judicial Process in Torts Cases*. (HOPKINS)
- 120 Legal Bibliography** 1 credit Second semester
Use and analysis of legal digests, encyclopedias, and other source books; analysis and organization of legal material. Eldean's *How to Find the Law*; selected materials. (HARDING).

SECOND AND THIRD YEARS

- 201n-202 Equity** 3 credits Each semester
General principles of equity procedure; injunctions against tort and crime; bills of peace; specific performance of contractual undertakings; relationship of vendor and purchaser; fraud and mistake. Durfee's *Cases on Equity*. (PITTMAN)

- 203 Persons** 2 credits First semester
Marriage, separation and divorce; property rights of married women; contractual and tortious liabilities of one spouse to the other and to third persons; Idaho law of community property. Madden's *Cases on Domestic Relations*. (PITTMAN)
- 207n-208 Evidence** 2 credits Each semester
Functions of judge and jury; burden of proof and presumptions; witnesses; the hearsay rule and its exceptions; opinions and conclusions from lay and expert witnesses; circumstantial evidence; preferred evidence. Hinton's *Cases on Evidence* (2nd ed.). (HOWARD)
- *212 Wills** 2 credits Second semester
Testamentary capacity; execution of wills; fraud and undue influence; revocation; revival and republication of wills; administration of estates. Mechem and Atkinson's *Cases on Wills and Administration*. (HOPKINS)
- 216 Titles** 2 credits Second semester
Methods of conveying interests in land, including incorporeal interests; covenants running with the land. Kirkwood's *Cases on Conveyances*. (HOPKINS)
- *217 Bills and Notes** 3 credits First semester
A consideration of the law of bills of exchange, checks, and promissory notes at common law and under the Uniform Negotiable Instruments Law. Britton's *Cases on Bills and Notes* (2nd ed.). (PITTMAN)
- *222 Sales** 3 credits Second semester
A study of the rights and liabilities of parties with respect to executed and executory contracts of sale of chattels. Woodward's *Cases on Sales* (3rd ed.). (PITTMAN)
- *231 Trial and Appellate Practice** 3 credits First semester
Jurisdiction; venue; service and return of process; trial of issues with special reference to the Idaho civil practice; judgment; Idaho appellate practice. Hinton's *Cases on Trial Practice* (2nd ed.). (HOPKINS)
- *232 Code Pleading** 3 credits Second semester
The code cause of action; parties; splitting and joining actions; the complaint; the answer, including counterclaims; motions and bills of particulars; amendment and aid. Special attention is given to the Idaho Code of Civil Procedure. Cathcart and Howell's *Cases on Code Pleading*. (HOPKINS)
- 235 Security** 3 credits First semester
Pledges; trust receipts; letters of credit; suretyship; mortgages. Hanna's *Cases and Materials on Security*. (HOPKINS)
- 236 Creditors' Rights** 3 credits Second semester
The administration of the estates of insolvent debtors; fraudulent conveyances; general assignments; receivership; bankruptcy. Hanna's *Cases and Materials on Creditors' Rights*. (HOPKINS)
- 242 Municipal Corporations** 3 credits Second semester
Definition and nature; creation, annexation, dissolution, classification and legislative control; nature of ordinances; powers; legislative and administrative procedure; municipal revenue; municipal indebtedness; property rights; liability. Seasongood's *Cases on Municipal Corporations*. (HOWARD)
- 251 Constitutional Law** 4 credits First semester
The national state and its governmental organization; citizenship, national and state; due process of law; equal protection of the laws;

*Not given in 1935-36.

- eminent domain; retrospective laws; the regulation of commerce. *McGovney's Cases on Constitutional Law*. (HOWARD)
- 256 Conflict of Laws** 3 credits Second semester
Enforcement of rights created and obligations assumed in states other than the state of the forum; interstate and private international law. *Lorenzen's Cases on Conflict of Laws* (3rd ed.). (HARDING)
- 258 Trusts** 4 credits Second semester
The nature, creation and essential elements of express trusts, both private and charitable; resulting and constructive trusts; administration of trusts. *Scott's Cases on Trusts* (2nd ed.). (PITTMAN)
- *264 Public Utilities** 3 credits Second semester
Nature of the public calling; legislative determination of public interest; legislative permission to operate; obligation to render service; withdrawal from service; discrimination by public utilities; compensation for service; valuation and the rate base; the reasonable rate. *Welch's Cases on Public Utility Regulation*. (HOWARD)
- 265 Business Associations I** 4 credits First semester
Unincorporated business ventures; vicarious liability in tort and contract; partnership property and accounting, including administration of insolvent estates. *Magill and Hamilton's Cases on Business Organization* (Vol. 1); *Clark and Douglas' Cases on Partnership*. (HARDING)
- 267n-268 Business Associations II** 3 credits Each semester
Incorporated business ventures; management and control; corporate powers and liabilities; organization and reorganization of financial structures. Prerequisite: *Business Associations I*. Case book to be announced. (HARDING)
- *274 Taxation** 3 credits Second semester
Legitimate purposes of taxation; general property tax and tax administration; excise taxes; estate and inheritance taxes; income taxes. *Maguire and Magill's Cases on Taxation*. (HOWARD)
- *277 Administrative Law** 3 credits First semester
Development and functions of administrative tribunals; delegation of powers and administrative legislation; administrative adjudication and enforcement; judicial control of administrative action; finality of administrative determinations; relief against administrative action. *Freund's Cases on Administrative Law* (2nd ed.); selected cases and materials. (HOWARD)
- 281-282 Research** Credits to be arranged Each semester
Individual studies. Open to qualified Seniors only by special permission of the Law Faculty.
- 292 Mining Law** No credit
A series of special lectures covering mining titles under the federal mining acts, with especial reference to mining rights in the western states. (ALLSHIE)
- *294 Water Rights** No credit
A series of special lectures dealing with water rights in the western states. Extent or riparian rights and liberties; the law of prior appropriation; relative priorities of riparian and non-riparian rights and liberties of use; extinguishment of riparian rights; rights in diffused and underground waters. (OPPENHEIM)
- 296 Office Practice** No credit
Practical exercises in drafting important legal instruments; discussion of problems in the conduct and management of a law office. (GOFF)

*Not given in 1935-36.

MATHEMATICS

Professor TAYLOR,* Assistant Professor BENDER, Mr. BUNCH,
Mr. LONEY, Mr. WAYLAND

Credits in elementary courses in mathematics may be counted toward the degree in Senior College curricula.

Primarily for Undergraduates

- 1-2 Freshman Mathematics** 4 credits Each semester
College algebra, trigonometry, and analytic geometry. Required of all Freshmen in the School of Mines and the School of Forestry. Math. 1 is required of students in the Pre-Medical Curriculum. (BENDER, BUNCH, LONEY, WAYLAND)
- 11-12 Freshman Mathematics** 5 credits Each semester
Subject matter same as Math. 1-2 with additional emphasis upon computation and upon construction and interpretation of graphs. Required of Freshmen in the College of Engineering. (BENDER, BUNCH, LONEY, WAYLAND)
- 14 Mathematics of Finance** 3 credits Second semester
The mathematical principles involved in the problems of compound interest, annuities, bonds, and insurance. Prerequisite: Math. 1. (BENDER, BUNCH)
- 51-52 Calculus†** 4 credits Each semester
Fundamental processes and applications of differential and integral calculus. Prerequisites: Math. 1-2 or 11-12. (TAYLOR, BENDER, BUNCH, LONEY, WAYLAND)

For Advanced Undergraduates and Graduates

- 101 Engineering Mathematics** 3 credits First semester
Advanced graphical methods, standard types of differential equations, complex and hyperbolic functions, harmonic analysis. Prerequisite: Math. 51-52. (TAYLOR)
- 102 Mathematics of Statistics** 3 credits Second semester
The mathematical principles underlying the modern theory of statistics. Prerequisite: Math. 51. (BENDER)
- 104 General Astronomy** 3 credits Second semester
An introduction to descriptive and mathematical astronomy. Prerequisite: Math. 51.
- 111 Higher Algebra** 3 credits First semester
Determinants, theory of equations, polynomials, and infinite series. Prerequisite: Math. 51-52. (TAYLOR)
- 112 Higher Geometry** 3 credits Second semester
Modern analytic geometry, higher plane curves, and solid analytic geometry. Prerequisite: Math. 51-52. (TAYLOR)
- 121-122 Advanced Calculus** 3 credits Each semester
Partial differentiation, definite integrals, vector analysis, line and surface integrals, differential equations. Prerequisite: Math. 51-52. (TAYLOR)
- 142 Teachers' Course** 3 credits Second semester
Selected topics in algebra and geometry. Aims and methods in teaching mathematics. Designed especially for those who expect to teach Mathematics in the high school. Prerequisite: Math. 51. (TAYLOR)

*On leave second semester, 1934-35.

†For students in the College of Letters and Science, and in the School of Education this course will count as an advanced subject.

Primarily for Graduates

- 201-202 Seminar** 3 credits Each semester
Selected topics will be assigned for individual study. Written reports will be required. Regular conferences will be held for criticism and discussion. Open to graduate students only. (TAYLOR)
- 221 Theory of Functions** 3 credits First semester
An introductory course in the theory of functions of a complex variable. Prerequisite: one semester of advanced calculus. (TAYLOR)
- 222 Differential Equations** 3 credits Second semester
An advanced course in ordinary and partial differential equations. Prerequisite: one semester of advanced calculus. (TAYLOR)
- 223-224 Research** Credits to be arranged Each semester
(TAYLOR)

MECHANICAL ENGINEERING

Professor GAUSS, Mr. SCHOWALTER, Mr. SCHROEDER

Primarily for Undergraduates

- 1 Wood Shop** 1 credit First semester
Exercises in wood working, both bench and lathe work, including the use of wood-working machines. Three hours in shop.
- 2 Forge Shop** 1 credit Second semester
Exercises in forging iron and steel, in heat treatment and tempering. Instruction in oxy-acetylene welding and in the use of forging machinery. Three hours in shop.
- 3 Machine Shop** 2 credits First semester
Bench work in metals, chipping, filing, fitting. Exercises in machine tool work, turning, planing, threading, drilling, milling, and grinding. Three hours in shop and one lecture. Prerequisite: M.E. 2.
- 4 Foundry** 3 credits Second semester
Exercises in pattern making and foundry work, including moulding, core making, operation of the cupola and crucible furnaces. One lecture and six hours in shop. Prerequisite: M.E. 3.
- 5 Machine Drawing** 2 credits First semester
The making of shop drawings, both details and assemblies. One recitation and three hours in drafting room. Prerequisite: C.E. 1-2.
- 13 Mechanism** 3 credits First semester
Engineering kinematics: The principles underlying the action of the elementary combinations of which all machines are composed; the communication of motion by gear wheels, belts, cams, screws, and link work; and the various means of producing changes of velocity. Two recitations and three hours in drafting room. Prerequisite: C.E. 1 and 2.

For Advanced Undergraduates and Graduates

- 121 Thermodynamics I** 3 or 4 credits First semester
An elementary course in heat engines covering the units involved in the more advanced courses; the fuels used for power plant purposes; the various types of steam boilers and their ratings; boiler and boiler-room accessories; the steam engine; steam turbines; gas engines. Prerequisites: Phys. 11-12 and Math. 51-52.
- 122 Thermodynamics II** 3 credits Second semester
Fundamental principles pertaining to the theory and design of heat engines. Nature and effects of heat; the laws of gases; conversion cycles; hot air engines; gas power; vapors; steam engines and turbines; mechanical refrigeration. Prerequisite: M.E. 121.

- 123 Aerodynamics I** 3 credits First semester
Introductory course. Airplane construction, instruments, controls, and accessories. Airways, aviation, commercial application. Prerequisite: Junior standing.
- 124 Machine Design** 2 credits Second semester
Fundamental principles involved in the design and operation of machinery. Studies of fastenings, belting and pulleys, transmission of power, gearings, couplings, clutches, brakes, shaftings and bearings. Prerequisites: C.E. 101, C.E. 103; M.E. 5 and 13.
- 125 M.E. Design** 2 credits First semester
The student selects and designs an approved machine. Complete computations are made in detail and assembly drawings prepared. Prerequisite: M.E. 124.
- 127 Mechanical Engineering Laboratory (Gas)** 2 credits First semester
A course designed to demonstrate the theories and principles used in practice. Fuel consumption and efficiencies, carburetion, ignition, valve mechanisms, governing, the effect of compression and lubricating oils. Six hours in laboratory. Prerequisites: M.E. 121 and 128.
- 128 Mechanical Engineering Laboratory (Steam)** 2 credits Either semester
The generally approved methods of testing engines, turbines, pumps, and auxiliary apparatus found in power plants. The calibration and proper use of testing apparatus. Report writing. Six hours in laboratory. Prerequisite: M.E. 121.
- 129 Aerodynamics II** 3 credits First semester
The general principles of aeronautics and the application of these principles to airplane design. Air foils and their combinations are studied in detail together with the effects of surface texture, scale effect, parasite drag, speed and climb calculations, stability, controls, and maneuverability. Prerequisite: Senior standing.
- 133 Steam Power Plant Engineering** 3 credits First semester
A comprehensive study of the design and operation of the various elements which make up a modern steam plant. Specifications, cost of power, fuels, steam boilers, conveying systems, draft, feed water treatment and pumps. Prerequisites: M.E. 121, 122, and 128.
- 136 Steam Power Plant Engineering** 2 credits Second semester
A continuation of M.E. 133. A complete power plant is designed to meet a prescribed set of conditions. Inspection trips are made to nearby plants. Prerequisite: M.E. 133.
- 140 Pro-Seminar** 1 credit Second semester
Training in the systematic accumulation of data available in current literature. Emphasis is laid on clear and correct expression in written and oral reports. Prerequisite: Senior standing.
- 141 Thermodynamics III** 3 credits First semester
A continuation of M.E. 122. Prerequisite: M.E. 122.
- 142 Airplane Engines** 2 credits Second semester
The design and operation of airplane engines. A study of the various types and their application to airplanes, together with power requirements, fuel consumption, and velocity of propulsion. Prerequisites: M.E. 123 and 129.
- 144 Heating and Ventilation** 2 credits Second semester
The principles involved in the practice of heating and ventilation; measurement of heat and temperature; appliances; heat losses; types of heating; temperature control; refrigeration; tests. Prerequisite: M.E. 128.

- 150 Thesis** 3 credits Second semester
Prerequisite: Senior standing.
- 152 Hydraulic Machinery** 3 credits Second semester
The construction and arrangement of centrifugal pumps, turbines, and hydraulic machinery; principles of operation and characteristics; theory and design of turbine blading; pump impellers. Prerequisites: C.E. 101 and 104; M.E. 124.
- 154 Mechanical Engineering Problems** 2 or 3 credits Either semester
Practical problems suitable for undergraduate work. Prerequisite: Senior standing.
- 156 Airplane Stress Analysis** 2 credits Second semester
The fundamental principles of stress analysis with particular reference to the airplane. Brief consideration of materials commonly used in airplane construction. Analysis and design of wings, chassis, fuselage, and other parts. Prerequisites: C.E. 101 and 103.
- Primarily for Graduates*
- 201-202 Seminar** Credits to be arranged Each semester
- 223-224 Thermodynamics** Credits to be arranged Each semester
The working and instructional facilities of the department will be placed at the disposal of qualified students selected for this work.
- 239-240 Research** Credits to be arranged Each semester
Subjects for investigation and group discussion will be selected in some field of special activity.

METALLURGY

Professor FAHRENWALD, Assistant Professor STALEY, Mr. NEWTON,
Mr. LUNDQUIST

101-102 For Advanced Undergraduates and Graduates

- 102 General Metallurgy (Lectures)** 2 credits Second semester
Properties of metals and alloys; metallic compounds; ores and their values; fuels; refractory materials; pyro-metallurgical processes and apparatus; electro-metallurgical processes and apparatus; mechanical treatment of alloys; handling of gases; metallurgical products. Prerequisites: Phys. 3-4 or 11-12 and Chem. 1-2. (FAHRENWALD and NEWTON)
- 103 General Metallurgy (Laboratory)** 1 credit First semester
Laboratory work. Prerequisite: Met. 102 and Chem. 51. (FAHRENWALD, NEWTON)
- 105 Fire Assaying** 2 credits First semester
Determination of gold, silver, and lead in ores and metallurgical products according to the most approved methods in use in the mills and smelters of the West. A high standard of accuracy is required. *new* The six-hour laboratory period. (LUNDQUIST)
- 106 Metallurgy of Iron and Steel** 1 credit Second semester
Manufacture of iron and steel; blast furnaces; puddling, cementation; crucible process; bessemer process; open-hearth process; iron and steel founding; heat treatment; malleable cast iron; construction of iron and steel, and relation to physical properties; alloy steels. Prerequisites: Chem. 1-2 and Phys. 3-4 or 11-12. (NEWTON)
- 109-110 Metallurgical Calculations** 1 credit Each semester
Thermochemistry of roasting and smelting; calculations of furnace charges; heat balance sheets; electrothermic reactions. Prerequisites: Met. 102 and 115-116. (NEWTON)

- 111 Ore Dressing** 2 credits First semester
 Fundamentals of ore dressing processes; plant flow sheets; theory, operation and performance of machines; grinding and flotation pulp circuits; metallic and non-metallic mineral flotation; economics. Prerequisites: Phys. 3-4 or 11-12 and Chem. 51-52. (FAHRENWALD)
- 112 Ore Dressing (Laboratory)** ~~2~~ credits Second semester
 Experiments to demonstrate scientific fundamentals of various ore dressing processes; grinding, classification, sedimentation and flotation experiments; laboratory methods of ore testing and metallurgical calculations. Prerequisites: Met. 111. (FAHRENWALD, NEWTON)
- 115-116 Non-Ferrous Metallurgy** 2 credits Each semester
 Chemistry and practice of pyrometallurgical, hydrometallurgical, and electrometallurgical methods of recovering the non-ferrous metals from their ores; fire and electrolytic refining of metallic products; metallurgy of gold and silver. (FAHRENWALD)
- 117 Metallurgical Plant Design** 2 credits First semester
 Given concurrently with Met. 111 and Met. 115.
 Preparation of process flow sheets of ore dressing, smelting or hydrometallurgical plants; selecting machines and apparatus; designing the plant, foundation plans and set-up details. Prerequisites: C.E. 6 and 101. (FAHRENWALD)
- 196 Thesis** 2 credits Second semester
 Study may be started at any time after the close of the Junior year. An acceptable thesis must be submitted as a requirement for graduation. (FAHRENWALD, STALEY, NEWTON)

Primarily for Graduates

- 201-202 Metallurgical Investigations**
 Credits to be arranged Each semester
 Laboratory work on problems in the metallurgical treatment of gold, silver, copper, lead, or zinc ores. (FAHRENWALD, STALEY, NEWTON)

MILITARY SCIENCE AND TACTICS

Brigadier General CHRISMAN, Major O'CONNELL, Captain HENKLE, Captain HALE, First Lieutenant HART, Band Leader LYON, First Sergeant WOODS, Sergeant BARNUM

RESERVE OFFICERS' TRAINING CORPS—An infantry unit of the senior division of the R.O.T.C. is established at the University under the National Defense Act of June 3, 1916, as amended by the Act of June 4, 1920.

The training is conducted in accordance with the U. S. Army Regulations, and has for its primary object education of the student to become an officer of the army in time of war or other grave emergency; in time of peace to affiliate with the national guard or organized reserves and thus assist in their development and efficiency. Upon graduation the student may elect to be commissioned in the Officers' Reserve Corps of the army.

ORGANIZATION—For purposes of administration and training, the students are organized as an infantry regiment with field staff and band under a type of discipline suited to their intelligence. The United States government provides the necessary technical equipment and supplies, including uniforms, used in the work of the department.

ANNUAL ENCAMPMENT—Reserve Officers' Training Corps Camps for the Ninth Corps Area are established by the government each year, extending from about June 15 to July 27. Attendance is free from expense on the part of the student. It is required for advanced course students, normally at the completion of the Junior year.

RIFLE TEAMS—The Department of Military Science and Tactics trains rifle teams of men and women students, both of which compete telegraphically with similar teams of other institutions.

MILITARY BAND—A band of 65 pieces is maintained as part of the R.O. T.C. Course. Membership is normally composed of basic course students. Selected juniors and seniors may continue training in advanced military band leadership and practice on the basis of three credits a semester, not to exceed six credits in addition to basic credits previously earned in the band.

BASIC COURSE

REQUIRED—Three hours a week of all able bodied citizen male students in the Freshman and Sophomore classes, and of those who are special students.

FIRST YEAR

- 1-2 Military Science** 1½ credits Each semester
Theoretical, 40 hours; practical, 56 hours. Military courtesy, obligations of American citizenship; leadership; physical training; infantry drill regulations; national defense act; map reading; rifle marksmanship; military history and policies; current international situation; military organization.
- 1a-2a First Year Military Band** 1½ credits Each semester
Theoretical, 10 hours; practical, 90 hours. Leadership; band music; concert music.

SECOND YEAR

- 3-4 Military Science** 1½ credits Each semester
Theoretical, 40 hours; practical, 56 hours. Same subjects as in Mil. 1-2 (continued). Musketry, scouting and patrolling; automatic rifle; combat principles.
- 3a-4a Second Year Military Band** 1½ credits Each semester
Continuation of 1a-2a.

ADVANCED COURSE

ELECTIVE—Five hours a week for students who have completed the basic course creditably. A student pursuing the advanced course will be commissioned in the regiment as a cadet officer during his second year in the advanced course and will be appointed a non-commissioned officer during the first year thereof. Advanced course students will receive government allowances for the two years and from this allowance will be furnished a complete officer's uniform for use when commissioned as a reserve officer.

THIRD YEAR

- 105-106 Military Science** 3 credits Each semester
Theoretical, 85 hours. Practical 75 hours. Leadership; aerial photograph reading; machine guns; howitzer weapons; pistol; field fortification; combat training.
- 105a-106a Third Year Military Band** 3 credits Each semester
Theoretical, 20 hours; practical, 147 hours. Leadership; military band music; concert music; solo work.

FOURTH YEAR

- 107-108 Military Science** 3 credits Each semester
Theoretical, 110 hours; practical, 50 hours. Leadership; military history and policy; military law, company administration and supply; Officers' Reserve Corps regulations; tanks, antiaircraft defense; chemical warfare defense; combat intelligence; infantry signal communications; combat principles.
- 107a-108a Fourth Year Military Band** Credits arranged Each semester
Continuation of 105a-106a.
No more than 12 credits may be earned in military band during the four years.

MINING

Professor FAHRENWALD, Assistant Professor STALEY, Mr. NEWTON

*Primarily for Undergraduates***1-2 The Mineral Industry** 1 credit Each semester

A general study of the methods used in the prospecting and exploitation of mineral deposits and an introduction to the more important metallurgical operations. Planned for Freshmen in the School of Mines and for others who desire a general acquaintance with our mineral resources and their utilization. One lecture each week. (DEPARTMENTAL STAFF)

*For Advanced Undergraduates and Graduates***101 Elements of Mining** 3 credits First semester

Prospecting, boring, drilling, explosives and blasting, rock breaking, support of excavations, underground transport, mine drainage, ventilation, quarrying, open-pit and alluvial mining. Prerequisites: Math. 1-2, and Phys. 1. (STALEY)

103 Mine Plant Design 3 credits First semester

Design of headframes and mine structures; selection of hoisting equipment; mine haulage; handling of water; compressed air; and power plants are discussed. Prerequisites: C.E. 6-101. (STALEY)

106 Mine Surveying 3 credits Second semester

Lectures on standard method of surveying practice in the large mining districts of this country, including instruments and equipment carrying the meridian underground, underground traverses, note-books and office records, maps, stope surveying, and calculations of tonnages extracted. Calculations and reductions of notes from the mine survey and plotting by coordinates. Claim surveying. Two recitations a week. One credit for field work. Prerequisites: C.E. 3a-4. (STALEY)

107 Mine Surveying 1 credit First semester

Office work computing field notes from Min. 106, plotting map and solving problems. One three-hour period per week. Prerequisite: Min. 106. (STALEY)

108 Mine Rescue and First Aid 1 credit Second semester

This course is given in cooperation with the U. S. Bureau of Mines, the mine rescue car visiting Moscow for this purpose. (STALEY)

110 Mining Economics 2 credits Second semester

Mine sampling and valuation; calculation of value of ore from widths and assays; probable and prospective ore; capitalization; amortization; costs of production; cost-keeping; the more important aspects of mining law; essential features of reports by mining engineers. Prerequisite: Geol. 54. (STALEY)

112 Mining Methods 3 credits Second semester

Various methods of underground mining are taken up. Stopping, slicing, cut and fill, room and pillar, and block caving methods are discussed along with the choice of method and the combination of these various methods. Three lectures. Prerequisite: Min. 101. (STALEY)

198 Thesis 2 credits Second semester

Study may be started at any time after the close of the Junior year. An acceptable thesis must be presented as a requirement for graduation. (FAHRENWALD, STALEY)

*Primarily for Graduates***201-202 Mining Research Problems**

Credits to be arranged

Each semester

Special problems and investigations in mining methods, mining machinery, equipment and design. (FAHRENWALD, STALEY)

MODERN LANGUAGES

Professors ELDRIDGE and SARGENT, Associate Professors TROMANHAUSER and HOWE, Assistant Professors ASHBY and RENTFRO, Mr. BEATTIE
Professor CHURCH

Credits in second elementary courses in foreign languages may be counted toward a degree in Senior College curricula.

FRENCH

Students who present two years of high school French for admission will continue in Fr. 13-14. Those who have had one year of high school French may take Fr. 2, but in many cases it will be advisable to register for Fr. 1 in review, without credit for one semester. Elementary French and Elementary Spanish may not be taken the same year. No credit is given for Fr. 1 until Fr. 2 is completed.

Primarily for Undergraduates

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|--|-----------|---------------|
| 1n-2 Elementary French | 4 credits | Each semester |
| (RENTFRO, BEATTIE) | | |
| 13-14 Intermediate French | 4 credits | Each semester |
| The aim of this course is to give the student an accurate and fluent reading knowledge of French prose. Idioms, irregular verbs, syntax, composition, and conversation based on the text. Prerequisite: Fr. 1n-2, or two years of high school French. (SARGENT, BEATTIE) | | |
| 15-16 Scientific French | 3 credits | Each semester |
| A special reading course open to students in scientific curricula, and to others only by special permission of the head of the department. A French scientific reader and collateral reading in French scientific journals. Prerequisite: Fr. 1n-2. (HOWE) | | |
| 21-22 Advanced Sophomore French | 2 credits | Each semester |
| Open to Sophomores only. Prerequisite: Fr. 13-14. (BEATTIE) | | |

For Advanced Undergraduates and Graduates

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|---|----------------|---------------|
| 111-112 Advanced Composition and Conversation | 2 credits | Each semester |
| The course seeks to develop in the student the ability to express himself freely in French, both in conversation and in written work. A thorough knowledge of French grammar is essential. Prerequisite: Fr. 13-14. (BEATTIE) | | |
| 115-116 Advanced Scientific French | 1 to 2 credits | Each semester |
| Directed reading in scientific French, open to those who have had Fr. 15-16 and to others by special permission. Forty-five hours of reading per credit and weekly reports to the instructor. (HOWE) | | |
| 121-122 A Survey of French Literature | 3 credits | Each semester |
| A study of the development of French literature from its origins to our day. Lectures, reading, reports. Conducted, so far as possible, in French. Open to students who have had Fr. 13-14. (SARGENT) | | |
| 135-136 The Nineteenth Century | 3 credits | Each semester |
| The first semester is devoted primarily to the lyric from Lamartine to Verlaine; the second to the drama from Hugo to Rostand. Prerequisite: Fr. 13-14. (BEATTIE) | | |
| 141-142 The Seventeenth Century | 3 credits | Each semester |
| After a preliminary study of the period, a considerable number of the masterpieces of Corneille, Moliere, and Racine are read. Prerequisite: Fr. 13-14. (ELDRIDGE) | | |
| 145-146 Contemporary Literature | 3 credits | Each semester |
| French literature from 1880 to the present day, including the literary production of the current year in selected books and revues. For stu- | | |

dents able and willing to read widely in unedited texts. Prerequisite: Fr. 13-14. Recommended preparation: Fr. 135-136. (BEATTIE)

161-162 Directed Reading 1 to 3 credits Each semester

Prerequisite: Completion of two or more advanced class-courses in French. Not intended as a substitute for such courses, but as a supplement to them. Written permission of the Head of the Department required. (DEPARTMENTAL STAFF)

191 Methods in Teaching French 2 credits First semester

Thorough drill in phonetics and pronunciation. Consideration of methods of teaching and examination of texts and courses of study. Practice teaching and observation. Prerequisite: Fr. 13-14, and at least one course in literature. (SARGENT)

Readings in European Literature 2 credits Each semester

See English 175-176.

History of French Civilization 2 credits Each semester

See European History 141-142.

Primarily for Graduates

201-202 Old French 3 credits Each semester

Readings and interpretation of Old French texts selected from Constans: *Chestomathic de l'Ancien Français*, with study of Old French phonology and morphology. Some knowledge of Latin is required. (ELDRIDGE)

221-222 The Literature of the Renaissance 3 credits Each semester

A study of the literature of the French renaissance and the beginning of classicism. Individual study and reports; lectures; class study of selected texts. (HOWE)

261-262 French Seminar 2 to 4 credits Each semester

(ELDRIDGE)

271-272 Research Credits to be arranged Each semester

(DEPARTMENTAL STAFF)

GERMAN

Students who present two years of high school German for admission will continue in Ger. 13-14. Those who have had one year of high school German may take Ger. 2, but in many cases it will be advisable to register for Ger. 1 in review, without credit for one semester. No credit is given for Ger. 1 until Ger. 2 is completed. Advanced and graduate courses are given according to the needs of students.

Primarily for Undergraduates

1n-2 Elementary German 4 credits Each semester

(ELDRIDGE, ASHBY)

13-14 Intermediate German 4 credits Each semester

The primary aim of this course is to give the student an accurate and fluent reading knowledge of modern German, but grammar review, composition, and conversation are included so far as time permits. Prerequisite: Ger. 2, or two years of high school German. (SARGENT)

15-16 Scientific German 3 credits Each semester

A special course in scientific German, open to those who have completed Ger. 13-14 and to others by special permission. A science reader, followed by reading in scientific journals and short monographs. Separate sections for Chemistry and Pre-Medical students. (TROMANHAUSER, ASHBY)

For Advanced Undergraduates and Graduates

111-112 Advanced Composition and Conversation

2 credits

Each semester

Prerequisite: Ger. 13-14. (TROMANHAUSER)

- 115-116 Advanced Scientific German** 1 to 2 credits Each semester
Directed reading in scientific German, open to those who have had Ger. 15-16 and to others by special permission. Forty-five hours of reading per credit and weekly reports to the instructor. (ASHBY)
- 121-122 Survey of German Literature** 3 credits Each semester
Selected readings, reports, and lectures. Robertson's *History of German Literature*, Thomas' *Anthology*. Prerequisite: Ger. 13-14. (ELDRIDGE)
- 135-136 The Nineteenth Century** 3 credits Each semester
(ASHBY)
- 141-142 Schiller** 3 credits Each semester
Schiller's life. Selected lyrics and ballads. *Die Jungfrau von Orleans* or *Don Carlos*, *William Tell*, *Die Braut von Messina*, and the *Wallenstein* complete. Prerequisite: Ger. 13-14. (ELDRIDGE, TROMANHAUSER)
- 143-144 Goethe** 3 credits Each semester
Study of Goethe's life and development, in connection with his lyric poems. *Götz von Berlichingen*, *Egmont*, *Tasso*, *Faust*, *Iphigenie*. Prerequisite: One advanced year-course in German. (ELDRIDGE or ASHBY)
- 147-148 Modern Drama** 2 credits Each semester
Reading and discussion of representative dramas from 1890 to the present. Course conducted chiefly in German. Prerequisite: Ger. 13-14. (SARGENT)
- 161-162 Directed Reading** 1 to 3 credits Each semester
Prerequisite: Completion of two or more advanced class-courses in German. Not intended as a substitute for such courses but as a supplement to them. Written permission of the Head of the Department required. (DEPARTMENTAL STAFF)
- Readings in European Literature** 2 credits Each semester
See Eng. 175-176.
- History of German Civilization** 2 credits Each semester
See European History 151-152.

Primarily for Graduates

- 201-202 Middle High German** 3 credits Each semester
Grammar, Michels: *Mittelhochdeutsches Elementarbuch*. Reading of Hartman's *Der arme Henrich*; the *Nibelungenlied*; selected poems of Walter von der Vogelweide; and selections from Wolfram von Eschenbach's *Parzival*. (ELDRIDGE)
- 231 Gothic** 3 credits First semester
Introduction to the study of Germanic philology. After a brief treatment of the phonology and morphology of Gothic, readings in *Ulfilas*. Prerequisite: Old English or two years of German. (ELDRIDGE)
- 271-272 Research** Credits to be arranged Each semester
(DEPARTMENTAL STAFF)

ITALIAN

Primarily for Undergraduates

- 1-2 Elementary Italian** 3 credits Each semester
The essentials of Italian grammar, with constant practice in pronunciation, simple translations from English into Italian, and the reading of easy Italian. (CHURCH)

OLD NORSE

- 101-102 Old Norse (Icelandic)** 3 credits Each semester
Prerequisite: Old English or two years of German. (ELDRIDGE)

SPANISH

Students who present two years of high school Spanish for admission will continue in Span. 13-14. Those having one year of high school Spanish may take Span. 2, but often it will be better to take Span. 1 in review, without credit for one semester. No student may elect Fr. 1 and Span. 1 the same year. No credit is given for Span. 1 until Span. 2 is completed.

Primarily for Undergraduates

- 1n-2 Elementary Spanish** 4 credits Each semester
(TROMANHAUSER, HOWE)
- 13-14 Intermediate Spanish** 4 credits Each semester
Reading of modern authors, composition and conversation, review of grammar, and a study of idioms. The aim of this course is to give the student a reading knowledge of modern Spanish. (HOWE)
- 21-22 Advanced Sophomore Spanish** 2 credits Each semester
Prerequisite: Span. 13-14. Open to Sophomores only. (TROMANHAUSER)

For Advanced Undergraduates and Graduates

- 111-112 Advanced Composition and Conversation** 2 credits Each semester
A thorough study of advanced grammar and composition. Constant drill in conversation. Prerequisite: Span. 13-14. (SARGENT)
- 121-122 Survey of Spanish Literature** 3 credits Each semester
Lectures, reading of selected texts, reports. Conducted so far as possible, in Spanish. Prerequisite: Span. 13-14. (HOWE)
- 135-136 The Nineteenth Century** 3 credits Each semester
(TROMANHAUSER)
- 141-142 The Golden Age** 3 credits Each semester
A study of the development of the Spanish drama until the death of Calderon; the great types of the Spanish novel; the mystics; the rise and decadence of poetic taste in the sixteenth and seventeenth centuries. Prerequisite: Span. 13-14. (SARGENT)
- 147-148 Contemporary Literature** 3 credits Each semester
Readings and discussions of contemporary writers, including those of Spanish America. Prerequisite: Span. 13-14. (SARGENT)
- 161-162 Directed Reading** 1 to 3 credits Each semester
Prerequisite: Completion of two or more advanced class-courses in Spanish. Not intended as a substitute for such courses, but as a supplement to them. Written permission of the Head of the Department required. (DEPARTMENTAL STAFF)
- 192 Methods in Teaching Spanish** 2 credits Each semester
Thorough drill in pronunciation and grammar. Consideration of methods of teaching, examination of texts, and courses of study. Practice teaching and observation. Prerequisite: Span. 13-14, and at least one course in literature. (SARGENT)
- Readings in European Literature** 2 credits Each semester
See Eng. 175-176.
- History of Spanish Civilization** 2 credits Each semester
See European History 161-162.

Primarily for Graduates

- 201-202 Old Spanish** 2 credits Each semester
The elements of historical Spanish grammar, with an intensive study of selected texts. Students electing this course should have a fluent reading knowledge of Spanish, French, and Latin; a knowledge of German is highly desirable. (HOWE)

261-262 Seminar in Spanish Literature	2 to 4 credits	Each semester
(SARGENT)		
271-272 Research	Credits to be arranged	Each semester
(DEPARTMENTAL STAFF)		

MUSIC

Professor CUMMINGS, Assistant Professors CLARK, CLAUS, Miss LITTLE, Miss BARNARD, Mr. LYON, Miss FREDERICKSON,* Miss PATERKA, Miss RAMSTEDT, Professor SARGENT

Credit in applied music and organized music may be counted toward graduation from the Senior Colleges irrespective of the number of the course taken. In applied music two credits will be given for one lesson a week.

ORGANIZED MUSIC

MIXED CHORUS AND TREBLE CLEF CLUB.—Membership in these choral organizations is open to all students in the University, after consultation with the director. Choral work includes a Mixed Chorus, the Treble Clef Club (women), Vandaleers, Mixed Quartet, and Male Quartet.

THE UNIVERSITY ORCHESTRA.—Membership in the University Orchestra is open to all students in the University who can qualify, after consultation with the conductor. Students who take this work have unusual opportunity for sight-reading, and a thorough study of orchestral literature, and routine.

CADET MILITARY BAND.—The Cadet Military Band is organized from members of the R.O.T.C. and others who register especially for this work.

CLASSIFICATION OF STUDENTS

All students taking instruction in the Department of Music will be classified in one of the following groups: (a) Bachelor of Music; (b) Bachelor of Science in Music Education; (c) Bachelor of Arts, with music (piano, voice, violin, or cello), as a major study; (d) Bachelor of Science in Education, with public school music as a teaching subject; (e) Students not classified in any of the above-named groups.

At the beginning of the Junior year a candidate for a degree in music will be given an examination in applied music to determine his eligibility for upper division work.

GENERAL MUSIC COURSES

Primarily for Undergraduates

1-2 Sight Singing and Ear Training	2 credits	Each semester
The singing, recognition, and writing of intervals, chords and cadences in the major and minor scales. Practice in melodic and rhythmic dictation. Two and three part singing stressed. (PATERKA)		
3-4 Elementary Harmony	2 credits	Each semester
Rudiments of music. Inversions of triads. Dominant seventh chord. Assigned melodies, basses, and original work. (LITTLE, BARNARD)		
5-6 Advanced Harmony	2 credits	Each semester
Modulations. Altered chords. Ornamental tones. Augmented sixth chords. Knowledge of keyboard or Mus. 13-14 required. (BARNARD)		
11-12 Advanced Sight Singing, Ear Training	2 credits	Each semester
Advanced melodic and rhythmic dictation. Harmonic dictation begun. Three and four part singing in treble, bass, tenor, and alto clefs. More advanced chromatic problems and modulations. (PATERKA)		

*On leave of absence, 1934-35, replaced for year by Miss Paterka.

- 13-14 Keyboard Harmony** 1 credit Each semester
Wedge's textbook on *Keyboard Harmony* is used. (BARNARD)
- 55-56 Music Appreciation** 1 credit Each semester
An elective course open to all students of the University. It will give the interested student an opportunity to hear good music and learn to converse intelligently on the subject. Two lectures each week. (CUMMINGS)
- 57-58 Accompanying** 1 credit Each semester
Practical experience in accompanying singers and instrumentalists. Open to piano students with sufficient technical equipment. (CLARK)
- 59-60 Musical Diction** 2 credits Each semester
A study of the science of phonetics with special stress upon the sounds and enunciation of foreign languages as required in singing. (SARGENT)
- 70 Idaho Chorus Plan** 2 credits Second semester
Organization and presentation of music materials as outlined in Idaho choir plan for rural schools. Prerequisite: Mus. 1. (BARNARD)
- 73-74 Instrumental Ensemble** 1 credit Each semester
Study of piano trios and other chamber music. Prerequisite: Junior standing. (LITTLE)

For Advanced Undergraduates and Graduates

- 101-102 History of Music** 2 credits Each semester
Detailed study of historical periods in history of music. Prerequisite: Junior standing. (BARNARD)
- 103-104 Form and Analysis** 2 credits Each semester
Chord-analysis, analytical study of form. Prerequisites: Mus. 3-4, 5-6, and 13-14. (LYON)
- 105-106 Counterpoint** 2 credits Each semester
Counterpoint in the various species in two, three, and four parts. Prerequisites: Mus. 3-4, and 5-6. (LITTLE)
- 107-108 Piano Class Methods** 1 credit Each semester
The student is made familiar with the best piano class methods of instruction. Prerequisite: Junior standing. (BARNARD)
- 109-110 Elementary Composition** 2 credits Each semester
Application of both poetry and prose to musical forms. Writing of accompaniments for voice and solo instruments. Original writing. Prerequisites: Mus. 103-104 and 105-106. (LITTLE)
- 111-112 Instrumentation** 2 credits Each semester
A general treatment of orchestral instruments as to range, relations of one to another, tone qualities, etc. Arranging music for school orchestras, transposition, and arranging from piano score. Prerequisite: Mus. 103-104. (LYON)
- 132 Methods of Teaching Voice** 1 credit Second semester
For those who wish to qualify as private teachers of voice. Actual teaching under supervision. Prerequisite: Senior standing. (CUMMINGS)
- 171-172 Elementary School Music** 2 credits Each semester
Music material of the primary grades, presented according to the class methods employed in public schools. (BARNARD)
- 173-174 Class String-Instrument Teaching** 2 credits Each semester
Basic course in instrumental music for the public schools. Foundation for all string instruments. (CLAUS, LITTLE)
- 175-176 Class Wind-Instrument Teaching** 2 credits Each semester
Basic course in instrumental music for the public schools. Furnishes a foundation for all wind instruments. (LYON)

- 177-178 High School Music** 2 credits Each semester
Materials and methods for junior and senior high schools; the adolescent voice and its care; testing and classification of voices; public performances and the school assembly. Prerequisite: Mus. 171. (BARNARD)
- 179-180 Conducting** 1 credit Each semester
Technique of the baton. Study of material, interpretation and score reading. Practical experience in conducting. Prerequisite: Junior standing. Orchestra conducting (CLAUS); Choral conducting (CUMMINGS); Band conducting (LYON)
- Practice Teaching (Ed. 131a)** 1 to 4 credits Either semester
To be arranged with the Director of Practice Teaching and the vocal or instrumental supervisor. Required in the Public School Music Curriculum. Prerequisites: Mus. 171-172, or 173-174, or 175-176. (BARNARD, CLAUS)

Primarily for Graduates

- 201-202 Music Supervision** 2 credits Each semester
Prerequisites: Mus. 171, 172, 177, 178 and Ed. 131 or equivalent. (BARNARD)
- 205-206 Canon and Fugue** 2 credits Each semester
Double counterpoint, imitation, sequences, canons and inventions. Fugue in three or more parts. Prerequisites: Mus. 103-104, 105-106. Counterpoint. (LITTLE)
- 209-210 Advanced Composition** 2 credits Each semester
Writing original compositions in the larger forms. Prerequisites: Mus. 103-104; 105-106; and 109-110.
- 211-212 Orchestration** 2 credits Each semester
The arranging and scoring for orchestra. Prerequisites: Mus. 111-112, Instrumentation. (LYON)

PIANO

Assistant Professor CLARK, Miss RAMSTEDT

The Department of Music seeks to develop not only pianists but musicians. Work is adapted to the individual need of the student.
The following list of studies and compositions is merely indicative of the work required each year.

Primarily for Undergraduates

- 21-22 Piano** 2 or 4 credits Each semester
Freshman year. Scales and arpeggios. Czerny, *opus*, 299. Bach, *Two-Part Inventions*. Sonatas, Haydn and Mozart.
- 23-24 Piano** 2 or 4 credits Each semester
Sophomore year. Czerny, *opus* 740. Bach, *Three-Part Inventions*. Easier Beethoven sonatas and works of equal difficulty.

For Advanced Undergraduates and Graduates

- 125-126 Piano** 2, 4 or 5 credits Each semester
Junior year. Bach, *Welltempered Clavichord*. Chopin, *Etudes*, and works of equal difficulty.
- 127-128 Piano** 2, 4 or 5 credits Each semester
Senior year. Bach, *Welltempered Clavichord*, Chopin, *Etudes*, and compositions by classic and modern composers. Graduation recital.

Primarily for Graduates

- 221-222 Piano** 2, 4 or 5 credits Each semester

VOICE

Professor CUMMINGS, Miss PATERKA

In this study, a normal, natural development of the given powers of every student is undertaken. Correct diction, whether in English, German, French or Italian, is insisted upon.

Primarily for Undergraduates

31-32 Voice 2 or 4 credits Each semester
For Freshman year. A proper and definite breath control. Songs of moderate difficulty sung with correct intonation, tone quality, and interpretation.

33-34 Voice 2 or 4 credits Each semester
For Sophomore year. Continued drill in technique of breathing, tone placing, and phrasing. Easier oratorio selections and operatic arias. Art songs from the standard classics.

For Advanced Undergraduates and Graduates

135-136 Voice 2, 4 or 5 credits Each semester
For Junior year. Ensemble singing from the standard operas and oratorios. Songs of advanced grade from classic and modern composers.

137-138 Voice 2, 4 or 5 credits Each semester
For Senior year. An extensive repertoire from the best song literature. Graduation recital.

Primarily for Graduates

231-232 Voice 2, 4 or 5 credits Each semester

VIOLIN

Assistant Professor CLAUS

In the study of the violin, a carefully graded and very thorough course is pursued in bowings as well as left hand technique; but it is kept very flexible in order to conform to the peculiar needs of each individual student.

Primarily for Undergraduates

41-42 Violin 2 or 4 credits Each semester
For Freshman year. Studies by Kreutzer and Sevcik. Scales and arpeggios in two and three octaves. Sonatas by Handel and Tartini. Concertos by Viotti, de Beriot, and others. Solo numbers.

43-44 Violin 2 or 4 credits Each semester
For Sophomore year. Continuation of studies by Kreutzer and Sevcik. Studies by Fiorilla and Rode. Sonatas and concertos by Handel, Vitali, Mozart, and others. Solo numbers.

For Advanced Undergraduates and Graduates

145-146 Violin 2, 4 or 5 credits Each semester
For Junior year. Scale system by Carl Flesch. Selected studies by Kreutzer, Fiorilla, Rode and Sevcik. Compositions by Wieniawski, Sarasate, Beethoven, Vieuxtemps, Kriesler and others.

147-148 Violin 2, 4 or 5 credits Each semester
For Senior year. Technical studies continued. Scale system by Carl Flesch. Studies by Dont. Compositions by Wieniawski, Saint Saens, Vieuxtemps, Tartini, Bruch and others. Graduation recital.

Primarily for Graduates

241-242 Violin 2, 4 or 5 credits Each semester

VIOLINCELLO

Miss LITTLE

Primarily for Undergraduates

- 61-62 Cello** 2 or 4 credits Each semester
Etudes by Werner, Schroder, Lee, Dotzauer, Krummer and Grutmacher. Scales and arpeggios in three octaves. Easy concertos by Klengel, Romberg and Golterman. Thumb position studies.
- 63-64 Cello** 2 or 4 credits Each semester
Continuation of 61-62.

For Advanced Undergraduates and Graduates

- 161-162 Cello** 2, 4 or 5 credits Each semester
Continuation of three octave scale and arpeggio, and thumb position studies. Etudes by Dupont and Franchomme.
- 163-164 Cello** 2, 4 or 5 credits Each semester
Sonatas by Bach, Corelli and Sammartini. Concertos by Romberg, Goltermann, Saint Saens and Lalo.

Primarily for Graduates

- 261-262 Cello** 2, 4 or 5 credits Each semester

ORCHESTRAL AND BAND INSTRUMENTS

Students may enroll for private instruction in any of the instruments used in the standard symphony orchestra or the standard military or concert band. Two credits will be given for one lesson a week and four credits for two lessons a week.

Primarily for Undergraduates

- 85-86 String Instruments** 2 or 4 credits Each semester
- 91-92 Brass Instruments** 2 or 4 credits Each semester
- 95-96 Wood-Wind Instruments** 2 or 4 credits Each semester
- 97-98 Percussion Instruments** 2 or 4 credits Each semester

ORGANIZED MUSIC

NOTE.—The maximum credits allowed for four years in orchestral, choral or band work is eight credits. A student may register in these courses after receiving the maximum number of credits but will receive no credit.

- 35-36 Glee Club and Chorus** 1 credit Each semester
This work is taken by students interested in glee club and chorus. Admission through tryouts. (CUMMINGS, FREDRICKSON)

- 45-46 Orchestra** 1 credit Each semester
The orchestra is open to all qualified students of the University and is required of students majoring in the orchestral instruments. (CLAUS)

EXAMINATIONS

Regular examinations for classification and promotion are held at the close of each semester in all applied and general music courses, and the semester standing and classification of a student in each of his courses are reported by the instructor to the registrar and recorded.

DEPARTMENTAL REGULATIONS

Students wanting credit for work done, are not permitted to register for a briefer period than a full semester. Students may register for private lessons in applied music at any time and pay only for the number of lessons taken, but no credit will be given.

Students not of University rank may register for the courses in music but will not be given credit.

Tuition is payable in advance for the semester or unexpired portion thereof. Students entering after the opening of the semester are charged pro rata, except that no allowance will be made on account of absence from the first week in any semester.

No deduction will be made for lessons missed, nor will such lessons be made up. In case of serious illness, special arrangements will be made by the department. No lessons lost because of University holidays will be made up.

On withdrawal from the University, refunds for private instruction will be made in accordance with the requirements under "Refunds of Fees" in Part I.

All students will be required to do their practicing in the regular practice rooms of Music Hall, Music Hall Annex, Bartley Cottage, and Center Cottage, unless special permission is given to practice elsewhere.

MUSIC TUITION

The following is a table of fees per semester for lessons in applied music, payable at the bursar's office and subject to the rules stated under "Departmental Regulations."

PIANO, VOICE, VIOLIN, CELLO, ORGAN	
One lesson a week, one-half hour.....	\$30.00
Two lessons a week, one-half hour each.....	60.00
INSTRUMENTS OF THE BAND AND ORCHESTRA	
One lesson a week, one-half hour.....	\$30.00
Two lessons a week, one-half hour each.....	60.00
PRACTICE ROOM RENTAL (WITH PIANO)	
One hour a day for the semester.....	\$ 4.00
Two hours a day for the semester.....	7.00
Three hours a day for the semester.....	9.00
PRACTICE ROOM RENTAL (WITHOUT PIANO)	
One hour a day for the semester.....	\$ 2.00
Two hours a day for the semester.....	3.00
Three hours a day for the semester.....	4.00

Norse

(See under *Modern Languages*)

PHILOSOPHY

Professor CHENOWETH, Mrs. MONTGOMERY

Primarily for Undergraduates

- 1-2 Contemporary Civilization** 3 credits Each semester
An orientation course designed to give to beginning students an introduction to the economic, social, and political principles operative in modern social organization, together with the philosophy underlying them. Open to Freshmen and Sophomores. Cannot be counted toward fulfillment of the Philosophy requirement for B.A. degree. (CHENOWETH, MONTGOMERY)
- 51 History of Ancient Philosophy** 3 credits First semester
A general study of the development of thought from Thales to Descartes, with special reference to the origin of the concepts which are commonly used in the expression of modern thought. Open to Sophomores, Juniors and Seniors. (CHENOWETH)
- 52 History of Modern Philosophy** 3 credits Second semester
A study of the development of thought from Descartes to the present time. Emphasis is placed on the relation of the various movements in philosophy to the formation of modern systems. Prerequisite: Phil. 51. (CHENOWETH)

For Advanced Undergraduates and Graduates

- 101 Ethics** 3 credits First semester
A study of the various phases in the development of ethical thought, with the object of deriving a standard for the government of moral conduct. Prerequisite: Phil. 51. (CHENOWETH)
- 102 Ethics (Advanced)** 3 credits Second semester
A comparative study of ethical theories and the application of the moral criterion to present day problems. Prerequisite: Phil. 101. (CHENOWETH)
- 103 Logic** 3 credits First semester
The laws of thought, studied with a view to their use in the organization of the results of everyday experience and scientific investigation. Special attention is given to the function of logic in the methods of science. Prerequisite: Phil. 51, or equivalent. (CHENOWETH)
- 104 Contemporary Philosophy** 3 credits Second semester
A critical study of contemporary philosophies with especial reference to the systems of naturalism, idealism, realism, and pragmatism. Prerequisites: Phil. 1-2, 51, or equivalent. (MONTGOMERY)
- 105 Philosophy of Religion** 3 credits First semester
An examination of the fundamentals of the different world religions, with the object of determining the place of the religious consciousness in life. Prerequisite: Phil. 51. (CHENOWETH)
- 106 The State and the Individual** 3 credits Second semester
A study of the principles applicable to the various activities of the individual in connection with the state. Prerequisite: Phil. 51 or equivalent. (CHENOWETH)
- 107 Philosophy in Literature** 3 credits First semester
The development of Philosophy is studied in connection with its expression in literature. Prerequisite: Phil. 51, or equivalent. (CHENOWETH)
- 109 Problems in Philosophy** 3 credits First semester
An examination of the fundamental problems in Philosophy, including cosmological and ontological inquiries, with an investigation of the nature of mind, the structure of knowledge, and the fundamental character of value. Prerequisites: Phil. 1-2, 51, or equivalent. (MONTGOMERY)
- 110 Philosophy of Science** 3 credits Second semester
A study of the various philosophic bases which are presupposed in science. Prerequisite: Phil. 51, or equivalent. (CHENOWETH)
Primarily for Graduates
- 201-202 Advanced Philosophy** 2 to 4 credits Each semester
An investigation of a general problem in Philosophy, selected at the beginning of each semester by the instructor in consultation with the members of the class. Each student is required to present to the class, one or two reports covering the results of a considerable amount of research in connection with a particular phase of the general problem. Open to graduates and majors in the department. (CHENOWETH)
- 203-204 Seminar in Philosophy** Not to exceed 2 credits Each semester
Problems in research are carried on in the course and their results presented from time to time for discussion. Open to graduates and advanced students in Philosophy. (CHENOWETH)
- 205-206 Research** Credits to be arranged Each semester
(CHENOWETH)
- 208 Plato** 3 credits Second semester
The *Republic* and *Laws* are read in translation, with special reference to Plato's theory of government. Open to graduates and advanced students in Philosophy. (CHENOWETH)

PHYSICAL EDUCATION FOR MEN

Professors CALLAND and HUTCHINSON, Associate Professors Fox and ANDERSON, Assistant Professor JACOBY

The Department of Physical Education and Athletics for Men unites the interests that promote the physical well-being of all the men on the campus. Required freshman and sophomore classes, intercollegiate athletics, intramural athletics, and teachers' training courses are offered.

Physical and medical examinations are required of all students on matriculation. Freshmen who are unable to satisfy departmental requirements as to posture and general health are required to register in restricted Physical Education classes.

All freshmen and sophomores are required to spend a minimum of one hour a week in some form of physical activity. The class work is designed to supplement the activities of the Military department.

A course of study in which the Department cooperates with the School of Education offers instruction for prospective teachers of physical education, coaches, or playground supervisors. Those desiring to register in this course should consult the Director.

Every man in the University is encouraged to enter the intramural and intercollegiate activities promoted by the Department.

REQUIRED COURSES

Primarily for Undergraduates

- *31-32 Freshman Sports** $\frac{1}{2}$ credit Each semester
Required of Freshmen. One hour a week. Instruction and participation in floor work and class athletics. Practice is provided in team games and individual activities. Final credit in the course depends upon passing a satisfactory swimming test. (STAFF)
- *33-34 Sophomore Sports** $\frac{1}{2}$ credit Each semester
Required of Sophomores. One hour a week. Students are required to elect one of the following activities, swimming, life saving, boxing, wrestling, tennis, handball, golf, fencing, horseshoes, gymnastics, basketball, track (*spring*), cross country (*fall*). (STAFF)
- 33-36 Restricted Physical Education** $\frac{1}{2}$ credit Each semester
Special course required of Freshmen who are unable to take regular class work. Students are given individual attention for corrective and recreational activities suited to their needs. Substitute for P.E. 31-32. (HUTCHINSON)

ELECTIVE COURSES

Primarily for Undergraduates

- 41-42 Freshman Activities** 2 credits Each Semester
Required of Freshman majors. May substitute for P.E. 31-32. One lecture and three practice hours a week. Theory and practice in gymnastic activities, tumbling, group games, light and heavy apparatus. (HUTCHINSON)
- 43-44 Sophomore Activities** 2 credits Each Semester
Required of Sophomore majors. May substitute for P.E. 33-34. One lecture and three practice hours a week. Theory and practice in calisthenic drill, swimming and life saving, and minor sports. Prerequisite: P.E. 41-42. (ANDERSON)
- 47 History of Physical Education** 2 credits First semester
Required of Freshman majors. Two-hour lecture course in the de-

*Not more than one-half credit can be secured in each of the following: P.E. 31, 32, 33, or 34. Only one of these courses can be taken in any semester.

velopment of the physical education movement, its rise and fall through the various stages of history with special emphasis on the modern trend in the United States. (ANDERSON)

- 48 Principles of Physical Education** 2 credits Second semester
Required of Freshman majors. Two-hour lecture course seeking to cultivate a favorable attitude for a professional study of physical education. The ideals and aims of physical education, and the relation of physical education to school and society are stressed. (CALLAND)
- 53-54 Clog Dancing** 1 credit Each semester
See Physical Education for Women. (WIRT)
- *81 Football Participation** 1 credit First semester
For men who wish to receive practical instruction on the field in football from a coach's viewpoint. Not open to Freshmen. (CALLAND)
- *82 Baseball Participation** 1 credit Second semester
For men who wish to receive practical instruction on the field in baseball from a coach's viewpoint. Not open to Freshmen. (Fox)
- *83 Basketball Participation** 1 credit First semester
For men who wish to receive practical instruction on the court in basketball from a coach's viewpoint. Not open to Freshmen or Sophomores. (Fox)
- *84 Track Participation** 1 credit Second semester
For men who wish to receive practical instruction on the field in track from coach's viewpoint. Not open to Freshmen or Sophomores. (ANDERSON)

For Advanced Undergraduates and Graduates

- 131-132 Technique of Teaching Activities** 1 credit Each semester
Three hours practice in the methods of instruction in gymnastic drills, light and heavy apparatus, and class activities. Sample lessons prepared and taught under supervision of the instructor. Prerequisites: P.E. 41-42 and 43-44. (JACOBY)
- 136 Corrective Physical Education** 2 credits Second semester
One hour of lecture and three hours of practice in methods of instruction in medical gymnastics. Sample lessons prepared and taught under supervision of the instructor. Prerequisite: Zool. 6. (ANDERSON)
- 141 Theory of Coaching Track and Basketball** 2 credits First semester
Two-hour lecture course in the methods of coaching track and basketball teams. Details of teaching individual fundamentals, offensive and defensive team play, strategy, and conditioning of athletes. Prerequisites: P.E. 83 and 84. (ANDERSON, Fox)
- 142 Theory of Coaching Football and Baseball** 2 credits Second semester
Two-hour lecture course in the methods of coaching football and baseball teams. Details of teaching individual fundamentals, offensive and defensive team play, strategy, and conditioning of athletes. Prerequisites: P.E. 81 and 82. (CALLAND, Fox)
- 181 Physical Education Tests and Measurements** 2 credits First semester
A study of the general historical background and the need for and use of tests in physical education. Elementary statistical methods, scoring methods, how to build tests, administration of tests, and their use in classification and placement. Prerequisite: Psych. 1, and Junior standing. (JACOBY)
- 184 Playground and Community Recreation** 2 credits Second semester
A study of the promotion and organization of recreational activities, the nature and function of play, stages of growth and adaptation of

*Not more than one credit can be secured in each of the following: P.E. 81, 82, 83, or 84. Only one of these courses may be taken in any semester.

activities, construction, equipment, and supervision of playgrounds. Prerequisites: P.E. 41-42 and 43-44. (CALLAND)

185 Physiology of Exercise 2 credits First semester

A course in which the effects of exercise upon the different organs, muscles, structure, and functions of the body are studied so that the ideals and aims of exercise can be taught and carried out in a wholesome manner. Prerequisite: Zool. 6 and Junior standing. (HUTCHINSON)

188 First Aid 2 credits Second semester

A course in first aid and emergencies, with special emphasis on athletic injuries and their care. Students qualify for a Red Cross certificate. Prerequisite: P.E. 185. (HUTCHINSON)

195 Organization and Administration 3 credits First semester

The organization of a staff, of programs, constructing the gymnasium, arrangement and care of equipment, care and administration of courts, tanks, and fields, and general problems of supervision of a physical education department. Prerequisite: P.E. 131-132. (CALLAND)

PHYSICAL EDUCATION FOR WOMEN

Associate Professor WIRT, Miss LOCKE, Mrs. BOYER

Professors CALLAND and HUTCHINSON, Associate Professor ANDERSON

Work in this department is required of freshmen and sophomores. Juniors and seniors are encouraged to continue by electing additional courses which will give credit toward graduation. A major course in Physical Education for Women leading to the degree of Bachelor of Science in Education is outlined in the curriculum of the School of Education in Part III of this catalog. Those registering in this course should consult the Director of Physical Education for Women. A minor in Physical Education with a major in the College of Letters and Science, leading to a Bachelor of Arts degree, also may be outlined in conference with the Head of the Department in which the student majors and with the Director of Physical Education for Women. P.E. 125-126 and P.E. 127-128 are absolutely essential to minor curriculum.

All freshmen and sophomore women, unless exempted because of physical disability as determined in the University physical examinations, are required to elect activities among the following courses: P.E. 9-10, 11-12, 13-14, 15-16, 17-18, 19-20, 21-22, 55-56, 66, or if qualified, P.E. 109-110, 117-118. If the physical examinations given all entering women students or later indications disclose defects in posture, feet, etc., which could be remedied by individual corrective exercises, prescription for the same will be given and individual work outlined in addition to the course for which registered. While freshmen may, if they desire register for an elective in physical education activities additional to the required hour each semester, they are not permitted to apply such credit earned in the first year to fulfillment of requirement in the sophomore year.

P.E. 1-2, Personal Hygiene, is required of all first-year women except those registered in the Home Economics or Pre-Nursing Curriculum.

Primarily for Undergraduates

1-2 Personal Hygiene 1 credit Each semester

Informal discussion of and project approach to consideration of personal hygiene problems of the college woman. (WIRT)

9-10 Beginning Dancing 1 credit Each semester

Emphasis upon natural coordinations of bodily movement and carry over of them into everyday activities. Recommended for social poise and for stage presence for music and dramatics students. Natural, modern, national, and character dances. Two hours a week. (WIRT)

- 11 Danish Gymnastics** 1 credit First semester
Free swinging exercises demanding alternation of strenuous and relaxed movements, aimed at development of coordination, increased mobility, and flexibility. Informal in approach. Two hours a week. (LOCKE)
- 12 Apparatus and Tumbling** 1 credit Second semester
Practice in individual, partner, and group stunts, pyramid building, tumbling and apparatus work on flying rings, traveling rings, window ladder, climbing rope, etc. Two hours a week. (LOCKE)
- 13-14 Beginning Swimming** 1 credit Each semester
For those who cannot swim, or who have not been instructed in correct form. Sheffield method taught, with emphasis on correct breathing, attainment of self-confidence, the floating positions, elementary back stroke, sculling, deep-water test, the side stroke, and simple diving. Two hours a week. (BOYER)
- 15-16 Folk Dancing** 1 credit Each semester
Dances of various nations, with recreational rather than art approach in rhythmic expression. Of value to those planning to teach in elementary schools. Two hours a week. (WIRT)
- 17-18 Individual and Leisure Time Sports** 1 credit Each semester
Practice in activities which most easily can be continued in after-school life. Includes horseshoes, tennis, table tennis, deck tennis or tenni-quoits, hand tennis, golf. Equipment for golf and tennis must be provided by the registrants. Two hours a week. (BOYER)
- 19-20 Women's Athletics** 1 credit Each semester
Participation in speed ball, volley ball, basketball, and baseball. Class attendance counted for one-half of necessary practices to qualify for intramural teams. Those who play in interclass tournaments may win points in the Women's Athletic Association. Two hours a week. (LOCKE)
- 21-22 Clog and Tap Dancing** 1 credit Each semester
Emphasis upon relaxed coordination and pantomimic characterizations. Two hours a week. Open to both men and women. (WIRT)
- 47 History of Physical Education** 2 credits First semester
See *Physical Education for Men*. (ANDERSON)
- 55-56 Intermediate Swimming** 1 credit Each semester
Continuation of beginners' course with addition of single over-arm trudgen, trudgen crawl, and breast strokes; water stunts, diving, and some Red Cross life-saving. Two hours a week. Prerequisite: P.E. 13-14, or passing of test to determine preparation for this course.
- 66 Life Saving** 1 credit Each semester
Adaptation of swimming strokes to life-saving, with instruction in approaches, carries, breaks, artificial respiration, etc. Official Red Cross test given at end of course. Two hours a week. Prerequisite: P.E. 13-14 and 55 or equivalent in abilities test. (BOYER)

For Advanced Undergraduates and Graduates

- 102 Playground Supervision** 2 credits Second semester
This course is designed to give a view of influences at work in the field of play as well as practice in teaching playground games. Three class periods a week. (BOYER)
- 105 Teaching of Simple Rhythms and Folk Dancing** 1 credit First semester
Study of aims in rhythmic expression and practical experience within the class in teaching rhythms and folk dances. Two hours a week. Prerequisite: P.E. 15-16. (WIRT)

- 109-110 Advanced Dancing** 1 credit Each semester
Emphasis upon techniques of the modern dance and the principles of composition in the dance. Two hours a week. Prerequisite: P.E. 9-10 or equivalent. (WIRT)
- 117-118 Advanced Swimming** 1 to 2 credits Each semester
Continuation of P.E. 13-14 and 55-56, with the addition of the crawl, back racing stroke, more difficult stunts, and diving. One credit granted for two hours a week of practical work, one additional credit for assistance in teaching other classes. Prerequisites: P.E. 13-14 and 55-56 or equivalent. (BOYER)
- 121 Teaching of Corrective Gymnastics** 2 credits First semester
Technique of giving physical examinations and the prescription of proper remedial exercises. Two hours a week. Not given in 1935-36. (BOYER)
- 122 The Teaching of Hygiene** 2 credits Second semester
A study of the project and informal discussion methods of making the rules of hygiene of significance to high school girls. Two hours a week. Prerequisite: P.E. 1 and 2. (Not given in 1935-36.) (WIRT)
- 125-126 Management of Women's Athletics** 2 credits Each semester
Theory and practice in coaching team games for use in playgrounds, public schools, high schools, and camps. Two lecture periods and two hours' practice teaching. Prerequisite: P.E. 19-20. (LOCKE)
- 127-128 Methods in Physical Education** 2 credits Each semester
Organization of programs in Physical Education for elementary and high schools, consideration of problems of administration, of aims and objectives, and methods of teaching. Two class periods a week. Prerequisite: fulfillment of underclass departmental requirements. (WIRT)
- 129 Practice Teaching** 3 credits First semester
Fifty-four hours' teaching. Prerequisite: P.E. 126. At Moscow High School. (Not given in 1935-36.) (WIRT)
- 188 First Aid** 2 credits Second semester
First aid in emergencies, with special emphasis on athletic injuries and their care, qualifying for the Red Cross certificate in first aid. Two hours a week. Prerequisite: Zool. 6. (HUTCHINSON)
- 196 Organization and Administration** 3 credits Second semester
See *Physical Education for Men*. (CALLAND)

PHYSICS

Professor HAMMAR, Assistant Professors LUKE and STAUFFER

Primarily for Undergraduates

- 1 Elementary Physics** 4 credits Second semester
A course for students who have not had high schools physics. Three lectures, one three-hour laboratory period, and one recitation period a week. (STAUFFER)
- 3-4 General Physics** 4 credits Each semester
Three lectures, one three-hour laboratory period, and one recitation period a week. Prerequisite: Phys. 1, or high school physics, or the equivalent of Math. 1. (LUKE)
- 11-12 Engineering Physics** 5 credits Each semester
This course is intended for students in the physical sciences and in engineering and must be preceded or accompanied by the calculus. Three lectures and two three-hour laboratory periods a week. Prerequisite: Phys. 1, or high school physics. (HAMMAR, LUKE, STAUFFER)

- 54 Music and Sound** 4 credits Second semester
This course, intended for music students, deals with the physical basis of music and with the analysis of musical sound. Three lectures and one three-hour laboratory period a week. (STAUFFER)

For Advanced Undergraduates and Graduates

- 105-106 Meteorology** 3 credits Each semester
A broad survey of the physics of the atmosphere. Prerequisite: Phys. 3-4, or 11-12. (HAMMAR)
- 110 Teaching of Physics** 3 credits Second semester
The equipment and management of laboratories; the content and organization of subject matter. A set of class demonstrations is worked out and performed by each student. Prerequisite: Phys. 3-4, or 11-12. (LUKE)
- 121-122 Analytical Mechanics** 3 credits Each semester
Statics, kinematics, and dynamics. Prerequisites: Phys. 3-4, or 11-12. Math. 51. (LUKE)
- 131-132 Electricity and Magnetism** 2 credits Each semester
Prerequisites: Phys. 3-4, or 11-12; Math. 51-52. (STAUFFER)
- 133-134 Electrical Measurements** 2 credits Each semester
Intended to accompany Phys. 131-132. Two three-hour laboratory periods a week. Prerequisites: Phys. 3-4, or 11-12, and Math. 51-52. (STAUFFER)
- 141 Advanced Light** 4 credits First semester
Prerequisites: Phys. 3-4, or 11-12, and Math. 51. (STAUFFER)
- 152 Advanced Heat** 3 or 4 credits Second semester
Prerequisites: Phys. 3-4, or 11-12, and Math. 51-52. (HAMMAR)
- 161-162 Pro-Seminar** 1 credit Each semester
A study of important topics in advanced physics. Prerequisites: Phys. 121-122; 141, and 152.

Primarily for Graduates

- 201-202 Research** Credits to be arranged Each semester
Investigation of experimental or theoretical nature under supervision of an instructor. (HAMMAR)
- 211-212 Modern Physics** 4 credits Each semester
A review of the fundamentals of physics, and an introduction to modern theories of atomic structure, radiant energy, and relativity. Prerequisites: Phys. 3-4, or 11-12, and Math. 51-52. (HAMMAR)
- 221-222 Advanced Mechanics** 4 credits Each semester
A mathematical treatment of the dynamics of rigid bodies, hydrodynamics, and elasticity. Prerequisite: Phys. 121-122. (HAMMAR)
- 251-252 Introduction to Theoretical Physics** 3 credits Each semester
Prerequisite: Phys. 121-122. (HAMMAR)
- 261-262 Seminar** 1 credit Each semester
A study of topics from recent research.

PLANT PATHOLOGY

Professor HUNGERFORD, Associate Professor RAEDER, Miss REMSBERG

For Advanced Undergraduates and Graduates

- 101 General Plant Pathology** 3 credits First semester
A study of plant diseases due to bacteria, slime molds, fungi, and non-parasitic causes. Includes a study of causes, symptoms, effects, means of dissemination, and principles of control. Prerequisite: Bot. 1-2, or Bot. 11. One lecture and two laboratory periods weekly. (HUNGERFORD, RAEDER)

- 102 Methods in Plant Pathology** 2 credits Second semester
Greenhouse and laboratory studies of bacterial and fungus diseases of plants, including cultural methods, isolation, inoculation, spore germination, etc. Two laboratory periods weekly. Prerequisites: P. P. 101 and Bact. 101. (REMSBERG)
- 103 Diseases of Field Crops** 2 credits First semester
A study of the various diseases of field crops with especial emphasis upon those of economic importance in Idaho. Among the principal field crops covered are: small grains, corn, beans, sugar beets, alfalfa, clover, etc. One lecture and one laboratory period weekly. Prerequisite: P. P. 101. (HUNGERFORD, RAEDER)
- 104 Fruit Diseases** 2 credits Second semester
Various diseases of both tree and small fruits, special emphasis being placed upon non-parasitic diseases of both these groups. Lectures, reference readings, and reports upon assigned topics. Two lectures weekly. Prerequisite: P. P. 101. (HUNGERFORD)
- 106 Diseases of Truck Crops** 2 credits Second semester
A study of some of the diseases of the more important truck crops grown in Idaho. Two lectures weekly. Prerequisite P. P. 101. (RAEDER)
- 107-108 Pro-Seminar** 1 credit Each semester
(HUNGERFORD)
- 110 Thesis** 1 credit Second semester
(HUNGERFORD, RAEDER)
- Insecticides and Fungicides** 2 credits Second semester
See Hort. 180. (Available to students in Plant Pathology.)
Primarily for Graduates
- 201-202 Seminar** 1 credit Each semester
(HUNGERFORD)
- 203-204 Research** Credits to be arranged Each semester
(HUNGERFORD, RAEDER)

POLITICAL SCIENCE

Professor KERR, Assistant Professor VOELKER, Mr. CHAMBERLAIN

Primarily for Undergraduates

- 1-2 American Government** 3 credits Each semester
A consideration of the organization, functions, and present-day problems of the American federal government. (KERR, CHAMBERLAIN)
- 75 State Government** 3 credits First semester
An analysis of American state government. Emphasis upon executive budget, administrative consolidation, relations of the states and the federal government. (CHAMBERLAIN)
- 76 City and County Government** 3 credits Second semester
A study of the organization, functions, and special problems of the local units of government in the United States. (CHAMBERLAIN)
- For Advanced Undergraduates and Graduates*
- 125 Comparative Government** 3 credits First semester
The organization, functions, administration, and special systems of the leading countries of the world. Recent changes in European governments. Prerequisite: Pol. Sci. 1-2 or 75-76. (CHAMBERLAIN)
- 127 Theory of the State** 3 credits First semester
A study of the leading political theories from the earlier stages of civilization to the present. Emphasis on the modern theories of the state. Prerequisite: Pol. Sci. 1-2 or 75-76. (VOELKER)

- 128 American Political Theory** 3 credits Second semester
American contributions to political thought. Writings of Paine, Hamilton, Jefferson, Calhoun, and others. Consideration will also be given to more recent developments in American political theory. Prerequisite: Pol. Sci. 1-2 or 75-76. (KERR)
- 132 Political Parties** 2 credits Second semester
Public opinion and the political process. Party machines, the spoils system, nominating methods, conduct of elections. Prerequisite: Pol. Sci. 1-2 or 75-76. (CHAMBERLAIN)
- 135 Legislation and Legislative Bodies** 2 credits First semester
Practical workings of legislative bodies. Special attention will be given to such problems as representation, committee activity, the lobby, and the influence of the executive. Prerequisite: Pol. Sci. 1-2 or 75-76. (CHAMBERLAIN)
- 136 The American Constitution** 3 credits Second semester
A study of constitutional powers. Emphasis on powers of Congress, interstate commerce, governmental relation between the United States government and the states. The constitutional limitation for the protection of life, liberty, and property; the police power, taxation, eminent domain. Prerequisite: Pol. Sci. 1-2 or 75-76. (VOELKER)
- 137 International Relations** 3 credits First semester
The nature and importance of international relations. An examination of nationalism, imperialism, militarism, internationalism, and the problems which they arouse. Prerequisite: Pol. Sci. 1-2 or 75-76. (CHAMBERLAIN)
- 138 International Political Organizations** 3 credits Second semester
A survey of the chief agencies for international cooperation, past and present. Particular emphasis will be given to the League of Nations and the Permanent Court of International Justice. Prerequisite: Pol. Sci. 1-2 or 75-76. (CHAMBERLAIN)
- 142 Conduct of American Foreign Policy** 3 credits Second semester
Analysis of the chief factors which tend to determine our foreign policy. Especial consideration will be given to Dollar Diplomacy, the Open Door, Isolation, etc. Prerequisite: Pol. Sci. 1-2 or 75-76. (KERR)
- 151 Government and Business** 3 credits First semester
Growth of governmental control, 1890-1930. Sherman Act, Clayton Act, Esch-Cummins Act. Analysis of the New Deal and its implications for the future. Prerequisite: Pol. Sci. 1-2 or 75-76. (KERR)
- 152 Public Administration** 3 credits Second semester
The development of public administration and its relation to the other branches of government. The regulation and control of administrative agencies. Prerequisite: Pol. Sci. 1-2 or 75-76. (CHAMBERLAIN)

Primarily for Graduates

- 205 Principles of International Law** 3 credits First semester
Origin and development of International Law and its present status. Case method will be used. Special study of recent developments. Open to any student of graduate standing. (KERR)
- 206 Problems in Local Government** 3 credits Second semester
Emphasis on new problems growing out of increasing complexity of our economic and social structure. Special consideration to county problems. Open to graduate majors in Political Science and others by permission of instructor. (CHAMBERLAIN)

- 207-208 Seminar** 2 credits Each semester
 Each semester a problem in some field of Political Science will be chosen for study. Course will be conducted through papers and reports. Open only to majors in Political Science. (KERR)
- 211-212 Research in Political Science** Credits to be arranged Each semester
 (KERR)

POULTRY HUSBANDRY

Professor LAMPMAN, MR. WILLIAMS

Primarily for Undergraduates

- Introductory Survey** 1 credit First semester
 This course is given in conjunction with Animal Husbandry 1. (LAMPMAN, WILLIAMS)

For Advanced Undergraduates and Graduates

- 101 Market Grades and Marketing Agencies** 2 credits First semester
 Factors influencing quality of poultry products; candling and grading eggs; classification and inspection of grades of market poultry; marketing agencies. One lecture and one laboratory weekly. (LAMPMAN)
- 102 Advanced Poultry Production** 3 credits Second semester
 An advanced study of problems concerned with flock management and modern practices. Application of experimental data. Particularly adapted for major students of Animal Husbandry and Agricultural Education. Two lectures and one laboratory weekly. Prerequisite: P. H. 1. (LAMPMAN)
- 105 Advanced Breeding and Judging** 3 credits First semester
 Exhibition and utility phases of breeding and judging. Breed and variety characteristics; practice in judging exhibition and utility poultry, and a study of the inheritance of standard-bred and utility qualities. Two lectures and one laboratory weekly. Prerequisite: P. H. 1. (LAMPMAN)
- 108 Incubation and Brooding** 3 credits Second semester
 Principles involved in modern artificial methods. The embryonic development of the chick during incubation and the nutritional requirements of growing chicks receive special emphasis. One lecture and one recitation weekly. Laboratory consists of incubator operation. Prerequisite: P. H. 1. (LAMPMAN)
- 121-122 Special Problems** Credits to be arranged Each semester
 (LAMPMAN, WILLIAMS)
- 123-124 Thesis** 1 credit Each semester
Primarily for Graduates
- 201-202 Research** Credits to be arranged Each semester
 (LAMPMAN)

PSYCHOLOGY

Professors BARTON and LEMON, Mr. BOYER*, Mr. BERG

The courses of this department are arranged in three different orders of sequence: for those who contemplate a business career; for those who hope to become teachers; and for those who care to specialize in Psychology. Notice that some courses are offered alternate years.

Primarily for Undergraduates

- 1 General Psychology** 4 credits Either semester
 Prerequisite to all other courses in Psychology. The student will attempt to understand the underlying principles of human nature. The

*On leave of absence 1934-35, replaced for year by Mr. Berg.

object of such study will be that of knowing how best to control what people think, feel, and do. Three lectures and one laboratory period a week. (BARTON)

- 2 Educational Psychology** 3 credits Either semester
Application of results of experimental psychology to teaching; including problems of inherited nature, learning, individual differences; measurements of mental traits. Prerequisite: Psych. 1. (LEMON)
- 4 Applied Psychology** 4 credits Second semester
The general nature of the human organism and the effects of environmental influences; business practices; evidences; testimony; helps in medical practice. Three lectures and one laboratory period a week. Prerequisite: Psych. 1. (BARTON)
- 54 Psychology of Advertising and Selling** 3 credits Second semester
A consideration of the psychological factors involved in advertising and selling, and their relation to individual differences. Prerequisite: Psych. 1. (Not given 1933-34.) (BOYER)
- 57 Psychology of the Exceptional Individual** 3 credits First semester
A diagnosis of the retarded and gifted humans, with a discussion of their needs and treatment. Prerequisite: Psych. 1. (LEMON)
- 59 Psychological Methods** 4 credits First semester
A practical course in statistical methods as applied to psychology. The course includes measures of central tendency and dispersion, graphic methods; probability curve; correlations; reliability of statistical measures. Prerequisites: Psych. 1 and 4, or equivalent. (BOYER)

For Advanced Undergraduates and Graduates

- 105 Comparative Psychology** 3 credits First semester
A general survey of what has been done in an experimental way to determine the capacities, reactions, and general nature of lower animals in situations of controlled stimulation. Two lectures and one laboratory period a week. Prerequisites: Psych. 1 and 2, or equivalent. (Not given in 1933-34.) (LEMON)
- 106 Infant and Child Psychology** 3 credits Second semester
Behavior problems and the psychological care of the young child. Prerequisites: Psych. 1 and 2, or equivalent. (LEMON)
- 109 Psychology of Criminality** 3 credits First semester
The nature, determination, causes and treatment of criminals with a view to their best interests and the safety of society. Prerequisites: Psych. 1 and 4, or equivalent. (Not given 1933-34.) (BARTON)
- 116 Psychology of Employment and Handling of Employees** 3 credits Second semester
Analysis of the psychological factors involved in the interrelated activities of the worker and the management. Methods for developing and training workers; measures of active ability and proficiency; selection and placement. Prerequisites: Psych. 1 and 4, or equivalent. (BOYER)
- 121-122 Advanced Psychology** 4 credits Each semester
A survey of the leading problems, conceptions, methods, and results of modern psychology. Critical examination of present tendencies in textbooks. Three lectures and one laboratory period a week. Prerequisites: Psych. 1 and 4, or equivalent. (Not given 1933-34.) (BARTON)
- 151 Psychology of High School Subjects** 3 credits First semester
Specific application of educational psychology to the teaching of the subjects of the high school curriculum. Prerequisites: Psych. 1 and 2. (Not given 1933-34.) (LEMON)

152 Psychology of Elementary School Subjects 3 credits Second semester
A course designed for superintendents, supervisors, and teachers in the elementary school. The application of educational psychology to the subjects of the course of study of the elementary school. Prerequisites: Psych. 1 and 2. (LEMON)

153 Psychology of Adolescence 3 credits First semester
A complete psychological study of the development, urges, interests, personality, and mental hygiene of the junior and senior high school student. Prerequisites: Psych. 1 and 2, or equivalent. (LEMON)

Primarily for Graduates

201 Advanced Educational Psychology 3 credits First semester
An advanced course covering the field of educational psychology. Lectures, discussions, and reports on the experimental literature in the field. Prerequisites: Psych. 1 and 2, or equivalent. (LEMON)

206 Psychology of Learning 3 credits Second semester
A more intense consideration of the factors conditioning the learning process; a searching study of the rôles of repetition, recency, primacy, feeling, fitness of material to past activity and to future needs. Prerequisites: Psych. 1 and 2, or equivalent. (LEMON)

209 Mental, Personality and Character Testing 3 credits First semester
Individual and group intelligence, personality and character testing, including a critical study of various tests and practices in their administration; use of test results in classification and treatment of pupils. Prerequisites: Psych. 1, 4, and 117. (Not given 1933-34.) (LEMON)

211 Abnormal Psychology 3 credits First semester
The nature, causes, prevention, and treatment of functional and organic mental deficiency, and derangement. Prerequisites: Psych. 1 and 4, or equivalent. (BARTON)

213-214 Seminar in Psychology 1 credit Each semester
Reading and reports on the current literature of subjects chosen. Opportunity is also afforded for research students to present their problems for discussion and criticism. One meeting each week. (BARTON, LEMON)

215-216 Psychological Research 1 to 8 credits Each semester
Opportunity is given for students to do original work in some field of psychological investigation. Before registering, the student should consult the instructor. For Graduates only. (BARTON, LEMON)

217 Psychology in Ethics 3 credits Second semester
An attempt to ascertain the part played by human nature in determining moral conduct. Relation of these considerations to the various ethical theories. Prerequisites: Psych. 1 and 4, or equivalent. (Not given 1933-34.) (BARTON)

220 Social Psychology 3 credits Second semester
Innate tendencies influenced by the behavior of one's fellows, and their organization into group attitudes of opposition and cooperation; the receptive rôles of habit, custom, language, suggestion, imitation, and emotion and their relation to social progress. Prerequisites: Psych. 1 and 4, or equivalent. (BARTON)

Public Speaking

(See under *English*)

Religious Education

(For the plan of work see *Religious Education* in Part I. For the courses offered, see the separate Bulletins issued by the Religious Institutes)

SOCIOLOGY

Professor KERR, Assistant Professor VOELKER

Primarily for Undergraduates

- 51 Sociology** 3 credits Each semester
The student is introduced to such fundamental sociological conceptions as group, community, society, contact, isolation, control, interaction, and collective behavior. An analysis of the strike, the gang, and other social phenomena from this point of view follows. Not open to freshmen. (VOELKER)

- 70 Group Control** 3 credits Second semester
Control mechanisms in preliterate and literate societies and in social institutions and mass movements will be compared. The roles of ceremony, ritual, dogma, myth, slogans, legend, prestige, taboo, rapport, esprit de corps, and morale are given special attention. Prerequisite: Soc. 51. (VOELKER)

For Advanced Undergraduates and Graduates

- 121 The Family** 3 credits First semester
The historical and economic backgrounds of the modern family. Analysis of the social interaction of the various members of the family and the roles which they play. Relation of the family to social change. Prerequisite: Soc. 51. (VOELKER)

- 132 Criminology** 3 credits Second semester
Consideration is given to the various factors involved in delinquency and crime. Analyses of cases of delinquency. Discussion of the functioning of penal institutions and the treatment of offenders. Prerequisite: Soc. 51. (VOELKER)

- 144 Race and Nationality Problems** 3 credits Second semester
The social processes involved in the migration of races and nationalities, special attention being devoted to the process of assimilation resulting from such migration. Programs of assimilation in Europe and America are compared. Prerequisite: Soc. 51. (VOELKER)

- 153 Social Disorganization** 3 credits First semester
Rapid social change resulting from natural catastrophe, mobility, invention, or scientific discovery in relation to the breakdown of control in existing economic, social, and political institutions, and to personality disorganization. Interaction between factors involved in the disorganization process and the emergence of movements of reorganization. Prerequisites: Soc. 70. (VOELKER)

- 156 Social Case Work** 3 credits Second semester
Principles and theories of various social sciences in relation to the study of maladjusted persons and dependent families. Methods of treatment with the view to their rehabilitation discussed. Prerequisite: Soc. 121 or senior standing. (VOELKER)

- 161 Community Organization** 3 credits First semester
The community from the point of view of its ecological, economic, and political organization. The roles and functions of the various social institutions and welfare organization in the interest of social welfare. Prerequisite: Soc. 51. (VOELKER)

- 165 Public Opinion** 3 credits First semester
Analysis of the processes of group thinking through the study of sermons, newspapers, periodicals, plays, movies, and radio broadcasts with reference to the types of problems to which they call attention and the forms of appeal which are used. Public opinion is distinguished from propaganda, advertising, and education. Prerequisite: Soc. 70. (VOELKER)

Primarily for Graduates

- 211-212 Research in Sociology** Credits to be arranged Each semester
(KERR, VOELKER)

Spanish*(See under Modern Languages)***ZOOLOGY**

Professor STOUGH, Assistant Professor GLASS, Mr. STEFFENS, Mr. SMITH,
Mr. ORR, Miss PETERSON

Primarily for Undergraduates

- 1-2 General Zoology** 4 credits Each semester
The general problems of animal structure, physiology, activities and adaptations, sex, development, heredity, evolution, and life-histories of representative and economic forms. Two lectures and two three-hour laboratory periods a week. (STOUGH, STEFFENS, SMITH, ORR, PETERSON)
- 4 Comparative Anatomy of Vertebrates** 4 credits Second semester
Dissection and study of types of vertebrates, together with lectures and discussions on general vertebrate anatomy with special reference to the evolution of the various organ systems. Two lectures and two three-hour laboratory periods a week. Prerequisite: Zool. 1-2. (STOUGH, STEFFENS)
- 6 Physiology** 3 credits Second semester
Designed to give a general knowledge of the more important physiological problems, and of the structure and functions of the human body. Two recitations and one three-hour laboratory period a week. Prerequisite: Zool. 1, or Bot. 1 or Bot. 3. (GLASS)
- 53 Invertebrate Zoology** 4 credits First semester
Not offered 1935-36.
- 55-56 The Human Body** 2 credits Each semester
An elementary study of the structure of the human body. Specially designed for majors in Physical Education. Prerequisites: Zool. 1 and 6.
- 58 Heredity and Eugenics** 2 credits Second semester
A scientific study of the main facts and theories of heredity and its mechanism, with emphasis on the phases pertaining to human welfare. Two lectures a week. Prerequisite: Zool. 1 and 2 or 6, or Bot. 1-2, or Senior College standing. (GLASS)
- 60 Social Hygiene (Women)** 2 credits Second semester
Not offered 1935-36.
- 68 Ornithology** 3 credits Second semester
Not offered 1935-36.
- 70 Social Hygiene (Men)** 2 credits First semester
Not offered 1935-36.

For Advanced Undergraduates and Graduates

- 101 The Teaching of Zoology** 2 credits First semester
Not offered 1935-36.
- 103-104 Human Anatomy** 2 credits Each semester
A study of the general structure of the human body through mammalian dissection, charts, models, dissectible mannikin and human skeletons. Should be taken along with Zool. 105-106. One lecture and one three-hour laboratory period a week. Prerequisite: Zool. 1, 2 or 4, 6, and 113. (GLASS)

- 105-106 Human Physiology** 3 credits Each semester
A study of the various physiological functions of the human body. Required of Pre-Nursing students and Seniors in Pre-Medicine. Recommended to others, particularly to those majoring in Home Economics, Physical Education, Psychology, and Education who desire a more thorough course than Zool. 6. Should be preceded by, or be taken along with, Zool. 103-104. One lecture and two three-hour laboratory periods a week. Prerequisites: Zool. 1-2 and Chem. 1-2. (GLASS)
- 107 Organic Evolution** 3 credits First semester
A critical discussion of the facts and theories of organic evolution, and the general development of evolutionary speculation. Three lectures a week. Prerequisites: Zool. 1-2 and 4 or 58. (Zool. 113 is recommended.) (GLASS)
- 109 Vertebrate Histology and Organology** 4 credits First semester
A study of the various tissues, followed by the study of the minute structure of the chief mammalian organs. Two lectures and two three-hour laboratory periods a week. Prerequisites: Zool. 1-2 and 4. (STEFFENS)
- 110 Histological Technique** 2 credits Second semester
A laboratory course in the various techniques employed in animal histology, including methods of fixing, sectioning, staining, mounting, etc. Prerequisites: Zool. 1-2 and 4. (STEFFENS)
- 111 General Neurology** 4 credits First semester
Not offered 1935-36.
- 113 Embryology** 4 credits First semester
Lectures on general problems. The laboratory work deals with studies on maturation, fertilization segmentation, and with serial sections and entire embryos of the chick, pig, and human being with reference to the origin of the various types of tissue and the development of the different organs. Two lectures and two three-hour laboratory periods a week. Prerequisites: Zool. 1-2 and 4. (STOUGH, STEFFENS)
- 115 Cytology** 4 credits First semester
A study of the animal cell with special emphasis on its relation to sex, genetics, and evolution. Laboratory work in special technique and study of principal cytological phenomena. Two lectures and two three-hour laboratory periods a week. Prerequisites: Zool. 1-2, 4, 113, and Chem. 1-2. (STOUGH, STEFFENS)
- 118 Parasitology** 3 credits Second semester
Not offered 1935-36.
- 119-120 Thesis** 1 to 3 credits Each semester
(STOUGH, GLASS)
- 151-152 Photographic Technique** 2 credits Each semester
Photography is a scientific implement and aid in scientific and medical research. Enlarging, coloring, outdoor and nature photography, orthochromatic photography X-Ray photography, photomicrography, and color photography. One lecture and one three-hour laboratory or field-work period a week. Prerequisites: Zool. 1 or Bot. 1; and Chem. 1-2. (STOUGH, STEFFENS, SMITH)
- 161-162 Pro-Seminar** 2 credits Each semester
An introduction to the methods of zoological research. Limited to Seniors majoring in Zoology. (STOUGH, GLASS)

Primarily for Graduates

- 201-202 Research** Credits to be arranged Each semester
Problems will be assigned, and students prepared for independent investigation in any phase of Zoology will be given all the opportunities available for carrying on their work. (STOUGH, GLASS)
- 213-214 Advanced Morphology** 2 credits Each semester
Not offered 1935-36.
- 216 Advanced Cytology** 4 credits Second semester
Continuation of Zool. 115 for graduate students. One lecture and three three-hour laboratory periods a week. (STOUGH)
- 261-262 Seminar** 2 credits Each semester
Reports on advanced literature in the various phases of Zoology. Open to graduate students only. (STOUGH, GLASS)

PART VI
Officers of the University

PART VI
Officers of the University

State Board of Education

and

Board of Regents of the University of Idaho

ASHER B. WILSON, <i>President</i>	Twin Falls
Term expires April, 1937	
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Term expires April, 1938	
MRS. A. A. STEEL, <i>Secretary</i>	Parma
Term expires April, 1936	
CLENCY ST. CLAIR.....	Idaho Falls
Term expires April, 1935	
J. F. JENNY*	Cottonwood
Term expires April, 1939	
JOHN WM. CONDIE, <i>Superintendent of Public Instruction</i>	Boise
<i>Ex-officio</i>	

Executive Committee for the University of Idaho

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ADMINISTRATIVE OFFICERS OF THE UNIVERSITY

MERVIN GORDON NEALE, PH.D.....	<i>President of the University</i>
JOHN ANTON KOSTALEK, PH.D.....	<i>Dean of the College of Letters and Science</i>
EDWARD JOHN IDDINGS, M.S.,	<i>Dean of the College of Agriculture, Director of Agricultural Experiment Station, and Director of Extension Division</i>
IVAN CHARLES CRAWFORD, C.E.,	<i>Dean of the College of Engineering and Director of the Engineering Experiment Station</i>
PENDLETON HOWARD, PH.D.....	<i>Dean of the College of Law</i>
ARTHUR WILLIAM FAHRENWALD, MET.E.....	<i>Acting Dean of the School of Mines</i>
RICHARD EDWIN MCARDLE, PH.D.....	<i>Dean of the School of Forestry</i>
JAMES FRANKLIN MESSENGER, PH.D.....	<i>Dean of the School of Education</i>
RALPH HUNTER FARMER, A.B.....	<i>Dean of the School of Business Administration</i>
CHARLES WILLIAM HUNGERFORD, PH.D.,	<i>Dean of the Graduate School, Assistant Dean of the College of Agriculture, and Vice-Director of the Agricultural Experiment Station</i>
THOMAS STONER KERR, LL.B.....	<i>Dean of the Junior College</i>
JAY GLOVER ELDRIDGE, PH.D.....	<i>Dean of the University Faculty</i>
JOHN RALPH NICHOLS, PH.D.....	<i>Executive Dean of the Southern Branch (Pocatello)</i>
PERMEAL JANE FRENCH, M.A.....	<i>Dean of Women</i>
KATHERINE JENSEN, M.S.....	<i>Director of Home Economics Curricula</i>
CARLETON CUMMINGS, M.M.....	<i>Director of Music Curricula</i>
FRANK STANTON, LL.B.....	<i>Bursar</i>
ELLA LETITIA OLESEN	<i>Registrar</i>
MARY BELLE SWEET, B.L.S.....	<i>Librarian</i>
OREN ARAM FITZGERALD, M.A.....	<i>University Editor</i>
RAYMOND W. LIND, B.S.(C.E.).....	<i>Superintendent of Buildings and Grounds</i>
FLOYD LYMAN PACKER.....	<i>Chief Accountant and Purchasing Agent</i>
GEORGE ELMER HORTON, B.S.(E.E.).....	<i>Graduate Manager of Student Activities</i>
ROBERT FULTON GREENE, B.S.(ED.).....	<i>Proctor of Men</i>

*Resigned January 1, 1935.

FACULTY OF THE UNIVERSITY

PROFESSORS, ASSOCIATE PROFESSORS AND ASSISTANT PROFESSORS

The figure following the name and degree of each officer indicates the date of his first appointment to the staff of the University.

- MERVIN GORDON NEALE, Ph.D., *President of the University*
B.S.(Ed.), University of Missouri; A.M., Ph.D., Teachers College (Columbia). 1930.
- ALFRED LEONARD ANDERSON, Ph.D., *Professor of Geology*
B.S.(Chem.), M.S.(Geol.), University of Idaho; Ph.D., University of Chicago. 1928.
- OTTO KENNETH ANDERSON, B.S.(Ed.), *Associate Professor of Physical Education for Men*
B.S.(Ed.), University of Southern California. 1929.
- CLIFFORD OAKLEY ARMSTRONG, M.D., *University Physician*
B.S., M.D., University of Illinois. 1926.
- CLAUDE WILLIAM ASHBY, M.A., *Assistant Professor of Modern Languages*
B.A., M.A., University of Idaho. 1925.
- *FLOYD WARNICK ATKESON, M.S.(Agr.), *Professor of Dairy Husbandry, and Dairy Husbandman, Agricultural Experiment Station*
B.S.(Agr.), University of Missouri; M.S.(Agr.), Kansas State College. 1921.
- HAROLD LUCIUS AXTELL, Ph.D., *Professor of Classical Languages, and Head of the Department of Classical Languages*
A.B., Kalamazoo College; A.B., A.M., Ph.D., University of Chicago. 1902.
- JOSEPH WESLEY BARTON, Ph.D., *Professor of Psychology, and Head of the Department of Psychology*
B.S., University of Utah; Ph.D., Peabody College. 1920.
- ROSCOE ERNEST BELL, M.S.(Agr.), *Assistant Professor of Agronomy; and Soil Technologist, Agricultural Experiment Station*
B.S.(Agr.), M.S.(Agr.), Washington State College. 1931.
- JACOB ROY BENDER, M.S., *Assistant Professor of Mathematics*
A.B., Ohio University; M.S., University of Washington. 1921.
- HOBART BERESFORD, B.S.(Agr.Engr.), *Professor of Agricultural Engineering; and Agricultural Engineer, Agricultural Experiment Station*
B.S.(Agr.Engr.), Iowa State College. 1924.
- ELMER FREDERICK BETH, M.A., *Assistant Professor of Journalism*
B.A., M.A., University of Wisconsin. 1930.
- †WAYNE MELVILLE BEVER, M.S.(Agr.), *Junior Pathologist, U.S.D.A., Agricultural Experiment Station*
B.S.(Agr.), M.S.(Agr.), University of Idaho. 1929.
- CORNELIUS JAMES BROSNAN, Ph.D., *Professor of American History, and Head of the Department of American History*
A.B., University of Michigan; M.A., Harvard University; Ph.D., University of California. 1921.
- JESSE EVERETT BUCHANAN, M.S.(C.E.), *Assistant Professor of Civil Engineering, and Testing Engineer, Materials Testing Laboratory*
B.S.(C.E.), M.S.(C.E.), University of Idaho. 1927.
- LOUIS CLYDE CADY, Ph.D., *Assistant Professor of Chemistry*
B.S.(Chem.E.), M.S., University of Idaho; Ph.D., University of Wisconsin. 1922.
- LEO BLAKELEY CALLAND, M.S.(Ed.), *Professor of Physical Education, Football Coach, and Head of the Department of Physical Education for Men*
A.B., University of Southern California; M.S.(Ed.), University of Idaho. 1929.
- ISAAC NEWTON CARTER, C.E., *Assistant Professor of Civil Engineering*
B.S.(C.E.), M.S.(C.E.), C.E., University of Idaho. 1923.
- CURTIS WORTH CHENOWETH, M.A., *Professor of Philosophy, and Head of the Department of Philosophy*
B.S., Wesleyan College of West Virginia; M.A., Harvard University. 1919.
- EDWARD ROBERT CHRISMAN, Brigadier General, U. S. Army, Retired, *Commandant of Cadets and Lecturer in Military Science and Tactics*
Graduate, U. S. Military Academy. 1894.
- FREDERIC CORSE CHURCH, Ph.D., *Professor of European History and Civilization, and Head of the Department of European History*
A.B., Ph.D., Cornell University. 1921.

*Resigned, April 1, 1935.

†In connection with U. S. Department of Agriculture.

- ISABEL WADSWORTH CLARK, *Assistant Professor of Music*
Graduate, New England Conservatory of Music. 1921.
- CARL CLAUS, *Assistant Professor of Music*
Graduate, Belgian Conservatory of Music. 1922.
- WILLIAM HOMER CONE, M.S., *Assistant Professor of Chemistry, and Acting Head of the Department of Chemistry*
B.S., M.S., University of Idaho. 1924.
- GEOFFREY GAINSBOROUGH COOPE, M.A., *Professor of English*
B.A., University of British Columbia; M.A., University of California; M.A., University of Birmingham, England. 1927.
- IVAN CHARLES CRAWFORD, C.E., *Professor of Civil Engineering, Dean of the College of Engineering, and Director of the Engineering Experiment Station*
B.S.(C.E.), C.E., University of Colorado. 1923.
- CARLETON CUMMINGS, M.M., *Professor of Music, and Head of the Department of Music*
B.M., M.M., Bush Conservatory of Music. 1929.
- JOHN HOUSTON CUSHMAN, M.A., *Professor of English*
B.A., Brown University; M.A., Harvard University. 1919.
- ELMER EDGAR DAVISON, M.B.A., *Assistant Professor of Business Administration*
B.B.A., M.B.A., University of Washington. 1930.
- REUBEN ARTHUR DIETERT, M.S., *Assistant Professor of Botany*
B.A., DePauw University; M.S., Michigan State College. 1927.
- DONALD DUDLEY DUSAULT, M.S., *Assistant Professor of Chemistry*
B.S., M.S., University of Idaho. 1923.
- JOHN HARRY EINHOUSE, M.D., *University Physician*
B.S., University of Idaho; M.D., University of Louisville. 1926.
- PAUL AXEL CLARENCE EKE, Ph.D., *Agricultural Economist, Agricultural Experiment Station*
B.S.(Agt.), M.S.(Agr.Econ.), Ph.D., University of Wisconsin. 1929.
- JAY GLOVER ELDRIDGE, Ph.D., *Professor of Modern Languages, and Head of the Department of Modern Languages; and Dean of the University Faculty*
B.A., M.A., Ph.D., Yale University. 1901.
- ARTHUR WILLIAM FAHRENWALD, MET.E., *Professor of Metallurgy and Ore Dressing, and Acting Dean of the School of Mines*
B.S.(Met.E.), Met.E., South Dakota School of Mines; E.M., New Mexico School of Mines. 1929.
- RALPH HUNTER FARMER, A.B., *Professor of Business Administration and Economics, and Dean of the School of Business Administration*
A.B., Oberlin College. 1927.
- OREN ARAM FITZGERALD, M.A., *University Editor*
B.A., M.A., University of Idaho. 1927.
- RICHARD ANTHONY FOX, B.S.(AGR.), *Associate Professor of Physical Education for Men*
B.S.(Agt.), University of Idaho. 1927.
- PERMEAL JANE FRENCH, M.A., *Dean of Women*
M.A., University of Idaho; M.A., George Washington University. 1908.
- FLOYD WHITNEY GAIL, Ph.D., *Professor of Botany, and Head of the Department of Botany*
B.A., M.A., University of Nebraska; Ph.D., University of Washington. 1913.
- FULTON GILBREATH GALE, M.S.(Ed.), *Supervisor of Practice Teaching*
B.S., Whitman College; M.S.(Ed.), University of Idaho. 1925.
- HENRY FALLENSTEIN GAUSS, M.E., *Professor of Mechanical Engineering, and Head of the Department of Mechanical Engineering*
B.S.(M.E.), M.E., University of Washington. 1925.
- ELTON MAURICE GILDOW, M.S., D.V.M., *Associate Professor of Veterinary Science; and Veterinarian, Agricultural Experiment Station*
B.S., D.V.M., State College of Washington; M.S., University of Wisconsin. 1929.
- LEROY CONRAD GLASS, M.S., *Assistant Professor of Zoology*
B.S., Purdue University; M.S., University of Wisconsin. 1930.
- ERWIN GRAUE, Ph.D., *Associate Professor of Economics*
B.S., Ph.D., Cornell University. 1928.
- WILLIAM ALLEN HALE, Captain Infantry, U. S. Army, *Assistant Professor of Military Science and Tactics*
Graduate, American College of Physical Education; Graduate, Infantry School. 1931.
- WILLIAM VERNAL HALVERSEN, Ph.D., *Professor of Bacteriology; and Bacteriologist, Agricultural Experiment Station*
B.S., Utah Agricultural College; M.S., Ph.D., Iowa State College. 1929.

- GUSTAF WILLIAM HAMMAR, PH.D., *Professor of Physics, and Head of the Department of Physics*
B.S., M.S., University of Idaho; Ph.D., California Institute of Technology. 1922.
- ARTHUR LEON HARDING, S.J.D., *Visiting Professor of Law*
A.B., University of Arkansas; J.D., University of Michigan; S.J.D., Harvard University. 1933.
- CHARLES HARDY HART, JR., First Lieutenant, Infantry, U. S. Army, *Assistant Professor of Military Science and Tactics*
Graduate, Infantry School. 1924-1929, 1934.
- HARRY LYNN HENKLE, Captain, Infantry, U. S. Army, *Professor of Military Science and Tactics*
Graduate, Infantry School, Ft. Benning, Ga. 1930.
- DON HENRY HERRICK, M.A., *Assistant Professor of English*
A.B., M.A., University of Kansas. 1930.
- CUTHBERT WRIGHT HICKMAN, M.S.(AGR.), *Professor of Animal Husbandry; and Animal Husbandman, Agricultural Experiment Station*
B.S.(Agr.), University of Missouri; M.S.(Agr.), University of Idaho. 1914.
- BERT EARL HOPKINS, LL.B., *Associate Professor of Law*
Ph.B., University of Wisconsin; LL.B., Yale University. 1929.
- PENDLETON HOWARD, PH.D., *Professor of Law, and Dean of the College of Law*
LL.B., University of Texas; A.B., A.M., Ph.D., Columbia University. 1929.
- JOHN WILBUR HOWARD, M.S.(C.E.), *Assistant Professor of Civil Engineering*
B.S.(C.E.), University of Colorado; M.S.(C.E.), University of Idaho. 1927.
- ARTHUR SYLVESTER HOWE, M.A., *Associate Professor of Modern Languages*
A.B., College of William and Mary; M.A., University of Idaho. 1922.
- ERNEST EVERETT HUBERT, PH.D., *Professor of Forestry*
B.S.(For.), M.S.(For.), University of Montana; Ph.D., University of Wisconsin. 1925.
- HAROLD WATKINS HULBERT, M.S.(AGR.), *Professor of Agronomy; and Agronomist, Agricultural Experiment Station*
B.S., Michigan Agricultural College; M.S.(Agr.), Iowa State College. 1917.
- ROBERT HARSH HULL, E.E., *Assistant Professor of Electrical Engineering*
B.S.(E.E.), E.E., University of Colorado. 1929.
- CHARLES WILLIAM HUNGERFORD, PH.D., *Professor of Plant Pathology, and Plant Pathologist, Agricultural Experiment Station; Assistant Dean of the College of Agriculture; Vice-Director of the Agricultural Experiment Station; and Dean of the Graduate School*
B.S., Upper Iowa University; M.S., Ph.D., University of Wisconsin. 1919.
- RALPH FIELDING HUTCHINSON, *Professor of Physical Education for Men*
Princeton University. 1928.
- EDWARD JOHN IDDINGS, M.S., *Dean of the College of Agriculture, Director of the Agricultural Experiment Station, and Director of Extension*
B.S.(Agr.), M.S., Colorado Agricultural College 1910.
- IDA INGALLS, M.A., *Assistant Professor of Home Economics*
B.A., University of Iowa; M.A., Columbia University. 1927.
- GLENN JAMES JACOBY, M.S.(ED.), *Assistant Professor of Physical Education for Men*
B.A., M.S.(Ed.), University of Idaho. 1929.
- EDWIN CORNELIUS JAHN, PH.D., *Associate Professor of Forestry*
B.S., M.S., New York State College of Forestry at Syracuse; Ph.D., McGill University. 1930.
- KATHERINE JENSEN, M.S., *Professor of Home Economics, and Head of the Department of Home Economics*
B.S., North Dakota Agricultural College; M.S., University of Illinois. 1920.
- JOHN HUGO JOHNSON, E.E., *Professor of Electrical Engineering, and Head of the Department of Electrical Engineering*
B.A., E.E., University of Wisconsin. 1918.
- THOMAS STONER KERR, LL.B., *Professor of Political Science and Business Law, and Dean of the Junior College*
A.B., Indiana University; LL.B., University of Michigan. 1924.
- HAROLD PHILIP KLUG, PH.D., *Assistant Professor of Chemistry*
B.A., M.A., Ph.D., Ohio State University. 1934.
- JOHN ANTON KOSTALEK, PH.D., *Professor of Organic Chemistry; Dean of the College of Letters and Science; and Director of the Pre-Medical and Pre-Nursing Curricula*
B.A., M.A., University of Wisconsin; Ph.D., University of Illinois. 1911.
- MARK RUPP KULP, M.S.(AGR.ENGR.), *Assistant Professor of Agricultural Engineering; and Irrigationist, Agricultural Experiment Station*
B.S.(C.&I.E.), Colorado Agricultural College; M.S.(Agr.Engr.), University of Idaho. 1930.

- CLIFFORD ELMER LAMPMAN, B.S.A., *Professor of Poultry Husbandry; and Poultry Husbandman, Agricultural Experiment Station*
B.S.A., University of Wisconsin. 1928.
- *FRANCIS BAKER LANEY, Ph.D., *Professor of Geology*
B.S., Drury College; M.A., University of Wisconsin; Ph.D., Yale University. 1920.
- HERBERT ELMER LATTIG, M.S.(Ed.), *Professor of Agricultural Education*
B.S.(Agr.), M.S.(Ed.), University of Idaho. 1926.
- ALLAN CLARK LEMON, Ph.D., *Professor of Educational Psychology*
A.B., Morningside College; M.A., Ph.D., University of Iowa. 1931.
- ADAH LEWIS, M.S., *Associate Professor of Home Economics*
B.S., M.S., Kansas State College. 1923.
- RAYMOND W. LIND, B.S.(C.E.), *Superintendent of Buildings and Grounds*
B.S.(C.E.), University of Colorado. 1929.
- GEORGE LEROY LUKE, M.A., *Assistant Professor of Physics*
B.A., Brigham Young College; M.A., University of Wisconsin. 1920.
- RICHARD EDWIN MCARDLE, Ph.D., *Professor of Forestry, and Dean of the School of Forestry*
B.S.(For.), M.S.(For.), Ph.D., University of Michigan. 1934.
- BERNICE MCCOY, M.S.(Ed.), *Associate Professor of Education, and Director of Non-Resident Instruction and Placement Service*
B.S.(Ed.), M.S.(Ed.), University of Idaho. 1922.
- HARRY PETER MAGNUSON, M.S.(Agr.), *Associate Professor of Agricultural Chemistry; and Acting Agricultural Chemist, Agricultural Experiment Station*
B.S.(Agr.), University of Nebraska; M.S.(Agr.), University of Idaho. 1920.
- CECIL EUGENE MARSHALL, Ph.D., *Assistant Professor of European History and Civilization*
B.A., Morningside College; M.A., Ph.D., University of Iowa. 1934.
- JAMES FRANKLIN MESSENGER, Ph.D., *Professor of Education, and Dean of the School of Education*
A.B., University of Kansas; A.M., Harvard University; Ph.D., Columbia University. 1920.
- CHARLES ARTHUR MICHELS, M.S.(Agr.), *Assistant Professor of Agronomy; and Assistant Agronomist, Agricultural Experiment Station*
B.A., North Dakota Agricultural College; M.S., University of Wisconsin; M.S.(Agr.), University of Idaho. 1928.
- GEORGE MOREY MILLER, Ph.D., *Professor of English, and Head of the Department of English*
A.B., University of Indiana; A. M., Harvard University; Ph.D., University of Heidelberg. 1917.
- JOHN RALPH NICHOLS, Ph.D., *Executive Dean of the Southern Branch (Pocatello)*
B.S., Oregon State College; A.M., Ph.D., Stanford University. 1934.
- JULIUS EDWARD NORDBY, M.S.(Agr.), *Associate Professor of Animal Husbandry; and Assistant Animal Husbandman, Agricultural Experiment Station*
B.S.(Agr.), University of Idaho; M.S.(Agr.), University of Illinois. 1916.
- AUGUSTUS BROWN O'CONNELL, Major, Infantry, U. S. Army, *Professor of Military Science and Tactics*
A.B., College of the City of New York; Graduate, Infantry School, Ft. Benning, Ga. 1934.
- ELLA LETITIA OLESEN, *Registrar*
University of Idaho. 1915.
- WALTER HOWARD PIERCE, Ph.D., *Associate Plant Pathologist, Agricultural Experiment Station*
B.S.(Agr.), M.S.(Agr.), University of Idaho; Ph.D., University of Wisconsin. 1926.
- WILLIAM HENRY PITTMAN, LL.B., *Assistant Professor of Law*
A.B., University of Washington; LL.B., University of Idaho. 1930.
- THEODORE JAN PRICHARD, B.A., A.I.A., *Assistant Professor of Art, and Head of the Department of Art and Architecture*
B.A., University of Minnesota. 1926.
- JOHN MILFORD RAEDER, M.S., *Associate Professor of Plant Pathology; and Associate Plant Pathologist, Agricultural Experiment Station*
B.S.(Agr.), M.S., Iowa State College. 1921.
- †JAMES BURBANK REED, Ph.D., *Assistant Professor of Chemistry*
B.S.(Chem.), Massachusetts State College, M.S., Ph.D., University of Illinois. 1935.

*On leave, second semester, 1934-35.

†Appointed Feb. 1, 1935.

- *ELLEN REIERSON, M.S.(Ed.), *Assistant Professor of Business Administration*
B.S.(Ed.), M.S.(Ed.), University of Idaho. 1926.
- MABEL WINIFRED RENTFRO, A.M., *Assistant Professor of Classical and Modern Languages*
B.A., University of Idaho; A.M., Radcliffe College. 1925.
- EDWARD FRANKLIN RINEHART, M.S.(Agr.), *Associate Animal Husbandman, Agricultural Experiment Station; and Extension Animal Husbandman* (Boise)
B.S.(Agr.), Ohio State University; M.S.(Agr.), University of Idaho. 1918.
- RALPH DOUGLAS RUSSELL, Ph.D., *Professor of Secondary Education*
B.A., Union University; Ph.D., University of Iowa. 1926.
- MARGARETE LOUISE SARGENT, M.A., *Professor of Modern Languages*
M.A., Columbia University. 1920.
- GEORGE SILAS SCHILLING, M.S., *Associate Bacteriologist, Agricultural Experiment Station*
B.S., University of Arkansas; M.S., Michigan State College. 1927.
- †IVA IRENE SELL, M.S., *Assistant Professor of Home Economics; State Supervisor of Home Economics; and Resident Teacher Trainer of Home Economics*
Ph.B., University of Chicago; M.S., University of Minnesota. 1932.
- WESLEY EARL SHULL, Ph.D., *Associate Professor of Entomology; and Assistant Entomologist, Agricultural Experiment Station and Extension Division*
B.S., Iowa State College; M.S., University of Idaho; Ph.D., Iowa State College. 1926.
- WALTER WAYNE SMITH, M.S.(Ed.), *Associate Professor of Secondary Education, and Director of Practice Teaching*
A.B., California Christian College; M.S.(Ed.), University of Idaho. 1928.
- ROBERT SHIRLEY SNYDER, M.S.(Agr.), *Associate Professor of Agricultural Chemistry; and Associate Agricultural Chemist, Agricultural Experiment Station*
B.S., Coe College; M.S.(Agr.), University of Idaho. 1919.
- PHILIP HENDRICK SOULEN, M.A., *High School Inspector*
B.A., M.A., Hope College. 1906.
- *ARTHUR MERRILL SOWDER, M.S.(For.), *Assistant Professor of Forestry*
B.S.(For.), M.S.(For.), University of Idaho. 1927.
- WILLIAM WESLEY STALEY, M.S.(Met.), *Assistant Professor of Mining and Metallurgy*
B.S.(Met.), E.M., New Mexico School of Mines; M.S.(Met.), University of Idaho. 1928.
- FRANK STANTON, LL.B., *Bursar*
LL.B., Drake University. 1911.
- LYNN HUGHES STAUFFER, Ph.D., *Assistant Professor of Physics*
B.S., Utah State Agricultural College; Ph.D., University of California. 1930.
- HOWARD BROWN STOUGH, Ph.D., *Professor of Zoology, and Head of the Department of Zoology*
A.B., Midland College; M.A., Kansas University; Ph.D., Harvard University. 1925.
- MARY BELLE SWEET, B.L.S., *Librarian, and Instructor in Library Science*
B.L.S., University of Illinois. 1905.
- †EUGENE TAYLOR, M.A., *Professor of Mathematics, and Head of the Department of Mathematics*
A.B., M.A., DePauw University. 1920.
- DONALD RICHARD THEOPHILUS, M.S.(DAIRY BACT.), *Associate Professor of Dairy Husbandry; and Associate Dairy Husbandman, Agricultural Experiment Station*
B.S.(An.Hus.), B.S.(Dairy Mfg.), M.S.(Dairy Bact.), Iowa State College. 1927.
- †CARL TJERANDSEN B.A., *Assistant Professor of Business Administration; and Assistant Agricultural Economist, Agricultural Experiment Station*
B.A., Washington State College. 1934.
- HENRIETTA JOSEPHINE TROMANHAUSER, Ph.D., *Associate Professor of Modern Languages*
B.A., University of Chicago; Ph.D., University of Heidelberg. 1920.
- LOWELL RAY TUCKER, M.S.(HORT.), *Assistant Professor of Horticulture; and Assistant Horticulturist, Agricultural Experiment Station*
B.S.(Agr.), University of Illinois; M.S.(Hort.), University of New Hampshire. 1930.
- LEIF VERNER, Ph.D., *Professor of Horticulture; and Horticulturist, Agricultural Experiment Station*
B.S., M.S., Pennsylvania State College; Ph.D., Johns Hopkins University. 1927-1930, 1934.

*On leave, 1934-35.

†On leave, second semester, 1934-35.

‡Appointed for 1934-35 only.

- EDGAR WILLIAM VOELKER, A.M., *Assistant Professor of Sociology*
A.B., A.M., University of Michigan. 1934.
- *HAROLD AARON VOGEL, M.S., *Assistant Professor of Business Administration; and Assistant Agricultural Economist, Agricultural Experiment Station*
B.B.A., M.S., University of Minnesota. 1931.
- CLAUDE WAKELAND, Ph.D., *Professor of Entomology; and Entomologist, Agricultural Experiment Station*
B.S.(Agr.), M.S., Colorado Agricultural College; Ph.D., Ohio State University. 1920.
- WILLARD JOSEPH WILDE, M.S., C.P.A., *Assistant Professor of Business Administration*
B.S., University of Utah; M.S., University of California. 1924.
- L. JANETTE WIRT, M.A., *Associate Professor of Physical Education for Women; and Head of the Department of Physical Education for Women*
B.A., University of Nebraska; M.A., Columbia University. 1923.
- ELLA WOODS, Ph.D., *Home Economist, Agricultural Experiment Station*
B.S., B.S.(H.Ec.), University of Idaho; A.M., Ph.D., Columbia University. 1927.

INSTRUCTORS AND ASSISTANTS IN INSTRUCTION

- VADA HAZEL ALLEN, M.S., *Instructor in Botany*
B.S., M.S., University of Idaho. 1931.
- WILLIAM CARR BANKS, M.A., *Instructor in English*
A.B., M.A., University of Washington. 1927.
- BERENICE BARNARD, B.M., *Instructor in Music*
B.F.A., B.M., University of Nebraska. 1931.
- †JOHN LOVE BARNHART, M.S., *Instructor in Dairy Husbandry; and Assistant Dairy Husbandman, Agricultural Experiment Station*
B.S., Pennsylvania State College; M.S., University of West Virginia. 1934.
- FRANK L. BARNUM, Sgt., U. S. Army, *Assistant in Military Science and Tactics*
1926.
- ARTHUR HENRY BEATTIE, M.A., *Instructor in Modern Languages*
B.A., M.A., University of British Columbia. 1931.
- JOHN ASAHIEL BECKWITH, M.A., *Instructor in English*
B.A., Gooding College; M.A., University of Idaho. 1928.
- †LLOYD WESLEY BERG, M.A., *Instructor in Psychology*
B.A., M.A., University of Idaho. 1933.
- FRED CLAYSON BLANCHARD, M.A., *Instructor in Dramatics*
B.A., M.A., University of Washington; M.S.(Ed.), University of Idaho. 1930.
- DONALD WILLIAM BOLIN, B.S.(Agr.), *Assistant Agricultural Chemist, Agricultural Experiment Station*
B.S.(Agr.), University of Wisconsin. 1929.
- KATY RAE BOYER, M.A., *Instructor in Physical Education for Women*
B.S., University of Texas; M.A., Columbia University. 1932.
- *WILLIAM HAROLD BOYER, M.S., *Instructor in Psychology*
B.S., M.S., University of Idaho. 1930.
- THOMAS J. BRINDLEY, Ph.D., *Assistant Entomologist, U.S.D.A., Agricultural Experiment Station*
B.S., M.S., Ph.D., Iowa State College. 1931.
- LEAH TUTTLE BUCHANAN, B.S., *Lecturer in Home Nursing*
R.N., Good Samaritan Hospital, Portland; B.S., University of Idaho. 1930.
- WILLIAM HERSCHELL BUNCH, M.A., *Instructor in Mathematics*
B.A., Walla Walla College; B.A., Pacific University; M.A., University of Oregon. 1927.
- LAWRENCE HENRY CHAMBERLAIN, M.A., *Instructor in Political Science*
B.S.(Ed.), M.A., University of Idaho. 1931.
- VIRGIL ARTHUR CHERRINGTON, M.S., *Instructor in Bacteriology; and Assistant Bacteriologist, Agricultural Experiment Station*
B.S., Iowa State College; M.S., University of Idaho. 1928.
- ELSIE JEAN COLLETTE, M.A., *Instructor in English*
B.A., M.A., University of Idaho. 1933.
- ROBERT LEONARD CRAIG, M.S., *Fellow in Physics*
B.A., Doane College; M.S., University of Nebraska. 1934.
- DUANE HUBER DALY, B.S.(Agr.), *Graduate Assistant in Bacteriology*
B.S.(Agr.), Kansas State Agricultural College. 1933.

*On leave, 1934-35.

†Appointed for 1934-35 only.

- ARTHUR JEROME DAVIDSON, M.S.(C.E.), *Graduate Assistant in Civil Engineering*
B.S.(C.E.), M.S.(C.E.), University of Idaho. 1933.
- MARION FEATHERSTONE, M.A., *Instructor in Home Economics*
B.S.(Ed.), University of Idaho; M.A., University of Southern California. 1931.
- DAVID LESLIE FOURT, B.S.(AGR.), *Extension airymen; and Assistant Dairy Husbandman, Agricultural Experiment Station* (Boise)
B.S.(Agr.), University of Idaho. 1922.
- *DOROTHY MARY FREDRICKSON, B.M., *Instructor in Music*
B.M., University of Idaho. 1930.
- †LILLIE GALLAGHER, B.S.(BUS.), *Instructor in Business Administration*
B.S.(Bus.), University of Idaho. 1933.
- ROBERT FULTON GREENE, B.S.(Ed.), *Proctor of Men*
B.S.(Ed.), University of Idaho. 1931.
- †BERTIL JOHN GUNNARSON, B.S.(AGR.), *Fellow in Forestry*
B.S.(Agr.), University of Idaho. 1934.
- ROWLAND WELLS HAEGELE, M.S., *Assistant Entomologist, Agricultural Experiment Station* (Parma)
A.B., Stanford University; M.S., University of Idaho. 1925.
- VERAL FRANKLIN HAMMERAND, *Research Fellow in Geology*
University of Idaho. 1934.
- *HENRY CHRISTIAN HANSEN, M.S.(AGR.), *Instructor in Dairy Husbandry; and Assistant Dairy Husbandman, Agricultural Experiment Station*
B.S.(Agr.), M.S. (Agr.), University of Idaho. 1925.
- ROBERT HOWARD HARRIS, B.S.(CHEM.E.), *Assistant in Mechanical Drawing*
B.S.(Chem.E.), University of Idaho. 1934.
- LEONARD HELLAND, M.S.(M.E.), *Assistant in Physics*
B.S.(M.E.), M.S.(M.E.), University of Idaho. 1921.
- WILBUR OWINGS HOGUE, *Fellow in Philosophy*
University of Idaho. 1934.
- GEORGE ELMER HORTON, B.S.(E.E.), *Graduate Manager of Student Activities*
B.S.(E.E.), University of Idaho. 1923.
- ELMER NEWTON HUMPHREY, *Instructor in Agricultural Engineering and Motor Mechanics*
University of Idaho. 1927-1932; 1933.
- **HELEN HAMMO HUNTER, B.S.(H.EC.), *Instructor in Home Economics*
B.S.(H.Ec.), University of Idaho. 1935.
- ALLEN SHEELEY JANSSEN, B.S.(C.E.), *Instructor in Civil Engineering*
B.S.(Arch.), B.S.(C.E.), University of Idaho. 1931.
- REUBEN FREDERIC JOHNSON, B.S.(AGR.), *Assistant Animal Husbandman; and Assistant in Feeding Investigations, Agricultural Experiment Station* (Caldwell)
B.S.(Agr.), University of Idaho. 1929.
- MARY BURNETTE KIRKWOOD, M.F.A., *Instructor in Art and Architecture*
B.A., University of Montana; M.F.A., University of Oregon. 1930.
- PAULINE LAMAR, M.A., *Instructor in English*
B.S., Oregon State College; M.A., University of Idaho. 1929.
- LESLIE LUDGREN LARSON, B.S., *Fellow in Forestry*
B.S., University of Idaho. 1934.
- MIRIAM HARRIET LITTLE, B.M., B.F.A., *Instructor in Music*
B.M., B.F.A., University of Nebraska. 1930.
- MABEL LOCKE, B.S., *Instructor in Physical Education for Women*
B.S., Northwestern University. 1930.
- ROBERT EDWARD LOWNY, M.A., *Instructor in Mathematics*
A.B., Intermountain Union College; M.A., Michigan State College. 1934.
- RAYNARD VICTOR LUNDQUIST, B.S.(CHEM.E.), *Instructor in Fire Assaying*
B.S.(Chem.E.), University of Idaho. 1928.
- ROBERT BRADLEY LYON, B.M., *Instructor in Music*
B.S., B.M., University of Illinois. 1934.
- JOSEPH LE PAGE MCCARTHY, B.S.(CHEM.E.), *Fellow in Forestry*
B.S.(Chem.E.), University of Washington. 1934.
- ALONZO WILBUR MARTIN, M.S., *Instructor in Chemistry*
B.S.(Chem.E.), M.S., University of Idaho. 1925.

*On leave, 1934-35.

†Appointed for 1934-35 only.

‡Died January 28, 1935.

**Appointed for second semester 1934-35 only.

- MILTON WILLIAM MELZIAN, B.Arch., *Instructor in Architecture*
B.Arch., University of Minnesota. 1929.
- VERNON CLIFFORD MICKELSON, M.A., *Instructor in English*
B.A., Stanford University; M.A., University of Montana. 1934.
- HARRY MILLER, M.S., *Instructor in Agricultural Engineering; and Assistant Agricultural Engineer, Agricultural Experiment Station*
B.S.(Agr.Engr.), University of Saskatchewan; M.S., University of Missouri. 1930.
- WILLIAM DYKSTRA MILLER, Ph.D., *Instructor in Forestry*
B.A., Reed College; M.F., Ph.D., Yale School of Forestry. 1932-33, 1934.
- JANET HAWKINS MONTGOMERY, M.A., *Instructor in Philosophy*
B.S., M.A., University of Idaho. 1929.
- WILLIAM CLOUD MOORE, B.S.(Bus.), *Instructor in Economics*
B.S.(Bus.), University of Idaho. 1930.
- CHARLES EDWIN MOSER, B.S.(Chem.E.), *Assistant in Chemistry*
B.S.(Chem.E.), University of Idaho. 1933.
- LOWELL ARTHUR MULLEN, Ph.D., *Instructor in Botany*
B.S., Butler College; M.S., University of Indiana; Ph.D., Washington State College. 1934.
- JOSEPH NEWTON, M.S.(Met.), *Instructor in Metallurgy*
B.S.(Met.E.), Montana School of Mines; M.S.(Met.), University of Idaho. 1930.
- EDITH MARIE NANCOLAS, B.S.(Bus.), *Teaching Fellow in Business Administration*
B.S.(Bus.), University of Idaho. 1934.
- KENNETH DEW ORR, *Fellow in Zoology*
University of Idaho. 1934.
- FLOYD LESLIE OTTER, M.F., *Instructor in Forestry*
B.S.(For), University of Idaho; M.F., University of Michigan. 1930.
- HOWARD EMERSON PACKENHAM, M.A., *Instructor in English*
B.A., College of Idaho; M.A., University of Idaho. 1931.
- PAULINE HARRIET PATERKA, B.S.(Mus.Ed.), *Instructor in Music*
B.S.(Mus.Ed.), University of Idaho. 1934.
- MICHAEL HENRY PEECH, Ph.D., *Assistant Agricultural Chemist, Agricultural Experiment Station*
B.Sc.(Agr.), University of Saskatchewan; Ph.D., Ohio State University. 1934.
- MAURINE LAURA PETERSON, B.S.(Pre-Nurs.), *Fellow in Zoology*
B.S.(Pre-Nurs.), University of Idaho. 1934.
- HELEN MARIE POWERS, B.S.(Bus.), *Teaching Fellow in Business Administration*
B.S.(Bus.), University of Idaho. 1934.
- LUCILE VICTORIA RAMSTEDT, B.M., *Instructor in Music*
B.M., University of Idaho. 1928-31, 1934.
- RUTH ELIZABETH REMSBERG, M.S., *Assistant Plant Pathologist, Agricultural Experiment Station*
B.S., M.S., University of Idaho. 1930.
- MALCOLM MACKENZIE RENFREW, M.S., *Assistant in Chemistry*
B.S., M.S., University of Idaho. 1932.
- RAYMOND HAYDEN RHODES, B.A., *Fellow in English*
B.A., San Jose State College. 1934.
- JEFFERSON BELTON RODGERS, B.S.(M.E.), *Graduate Assistant in Agricultural Engineering*
B.S.(M.E.), University of Idaho. 1933.
- VERNON EDWARD SCHEID, A.B.(Geol.), *Instructor in Geology*
A.B.(Geol.), Johns Hopkins University. 1934.
- WILLIAM SCHROEDER, E.E., *Instructor in Mechanical Engineering*
B.S.(E.E.), E.E., University of Idaho. 1929.
- LESTER LORENZ SCHULDT, M.A., *Instructor in English*
B.A., University of Minnesota; M.A., University of Idaho. 1927.
- THEODORE ALLISON SHERMAN, M.A., *Instructor in English*
A.B., Stanford University; M.A., University of Idaho. 1931.
- HORACE JENNINGS SHIPMAN, B.S.(Agr.), *Research Fellow in Entomology, Agricultural Experiment Station*
B.S.(Agr.), University of Idaho. 1934.
- CLARENCE HERMAN SHOWALTER, B.S.(A.E.), *Instructor in Mechanical Engineering*
B.S.(M.E.), University of Wisconsin; B.S.(A.E.), New York University. 1934.
- LOUIS DESPAIN SMITH, B.S.(Pre-Med.), *Fellow in Zoology*
B.S.(Pre-Med.), University of Idaho. 1933.
- DONALD CLYDE SNYDER, B.S.(Chem.E.), *Assistant in Chemistry*
B.S.(Chem.E.), University of Idaho. 1933.

- LITER ESTIL SPENCE, M.S.(FOR.), *Instructor in Forestry*
B.S.(For.), University of Idaho; M.S.(For.), University of California. 1930.
- WILLIAM FRANCIS STANDEFORD, M.A., *Teaching Fellow in Education*
B.A., William Jewell College; M.A., University of Washington. 1932.
- HERMAN WALTER STEFFENS, M.S., *Instructor in Zoology*
B.S.(Pre-Med.), M.S., University of Idaho. 1931.
- THOMAS IVAN TAYLOR, M.S.(CHEM.E.), *Assistant in Chemistry*
B.S.(Chem.E.), M.S.(Chem.E.), University of Idaho. 1931.
- JESSIE BEATRICE THORNER, M.S.(ED.), *Supervisor of Practice Teaching in Home Economics*
B.S., South Dakota State College; M.S.(Ed.), University of Idaho. 1923.
- *OTTO TURINSKY, JR., B.S.(CHEM.E.), *Instructor in Chemistry*
B.S.(Chem.E.), University of Idaho. 1929.
- CHARLES OSCAR WAMSTAD, B.S.(C.E.), *Assistant in Civil Engineering*
B.S.(C.E.), University of Idaho. 1934.
- HILDEGARDE WANOUS, M.A., *Instructor in English*
B.A., M.A., University of Minnesota. 1927.
- THEODORE ROOSEVELT WARREN, M.S.(AGR.), *Instructor in Dairy Husbandry; and Assistant Dairy Husbandman, Agricultural Experiment Station*
B.S.(Agr.), University of Idaho; M.S.(Agr.), Kansas State College. 1930.
- OMER LEO WATSON, B.S.(AGR.), *Research Fellow in Agricultural Engineering*
B.S.(Agr.), North Dakota Agricultural College. 1933.
- JAMES HAROLD WAYLAND, B.S., *Instructor in Mathematics*
B.S., University of Idaho. 1934.
- ALBERT EDWARD WHITEHEAD, M.A., *Instructor in Public Speaking*
B.A., University of Colorado; M.A., University of Wisconsin. 1930.
- JAMES KENNETH WILLIAMS, B.S.(AGR.), *Assistant Poultry Husbandman, Agricultural Experiment Station*
B.S.(Agr.), Texas A. & M. College. 1931.
- CLINTON HENRY WISWALL, B.S.(AGR.), *Critic Teacher in Vocational Agriculture*
B.S.(Agr.), University of Idaho. 1934.
- LOUIE WOODS, 1st Sgt., U. S. Army, *Assistant in Military Science and Tactics*
1921.
- CLAIR LYNETTE WORLEY, B.S., *Fellow in Botany*
B.S., Hiram College. 1934.
- CAROL OSCAR YOUNGSTROM, M.S., *Assistant Agricultural Economist, Agricultural Experiment Station*
B.S., Oregon State College; M.S., Kansas State College. 1929.

ASSISTANTS IN ADMINISTRATION AND SERVICE

- ISA MARY ADAMSON, *Clerk, Office of Registrar*
University of Idaho. 1934.
- THOMAS REGINALD ASHLEE, B.S.(ED.), *Florist*
B.S.(Ed.), University of Idaho. 1927.
- LILLIAN ELLEN BAIR, *Secretary to Graduate Manager*. 1931.
- AMALIE BARING, *Cashier, Office of Bursar*. 1924.
- SIDNEY CHESLEY BATES, *Chief Engineer, Heating System*. 1910.
- ELEANOR RUTH BERGLUND, B.S.(ED.), *Secretary, Department of Dairy Husbandry*
B.S.(Ed.), University of Idaho. 1934.
- HAZEL CLAIRE BOLES, *Stenographer, Department of Poultry Husbandry*. 1930.
- MARY ELLEN BROOD, *Stenographer, College of Agriculture*. 1926.
- STANLEY S. BROWN, *Sheep Herdsman*. 1923.
- CAROL DOROTHY BUE, *Stenographer, Office of Bursar*. 1930.
- LYDIA BUE, *Statistics Clerk, Office of Registrar*
University of Idaho. 1929.
- NELLIE BUE, *Assistant Accountant, Office of Bursar*. 1929.
- MILDRED REGINA CARLSON, B.S.(BUS.), *Clerk, Office of Bursar*
B.S.(Bus.), University of Idaho. 1932.
- JEAN COLLINS, *Stenographer, College of Agriculture*
University of Idaho Southern Branch. 1934.
- DOROTHY McCauley Cox, B.S.(ED.), *Clerk, Office of Bursar*
B.S.(Ed.), University of Idaho. 1931.
- GERTRUDE EVANS CROMWELL, *Secretary to Dean of Women*
University of Idaho. 1932.

*On leave, 1934-35.

- CHARLES DAGMAN, *Machinist*. 1931.
 KENNETH ANDREW DICK, B.S.(Bus.), *Accountant*, Office of Bursar
 B.S.(Bus.), University of Idaho. 1931.
 MATTHEW DIETHELM, *Painter*. 1930.
 *HELEN REBECCA FLACK, *Secretary* to Dean of the College of Letters and Science
 University of Idaho. 1931.
 WILLIAM J. FLORENCE, *Beef Cattle Herdsman*. 1928.
 CHARLES EDGAR GABBY, *Dairy Cattle Husbandman*
 University of Idaho. 1921.
 ELEANOR GARETS, *Stenographer*, Office of the President. 1934.
 RAPHAEL SANFORD GIBBS, B.A., *A.S.U.I. Publicity Agent*
 B.A., University of Idaho. 1934.
 LAVINIA ADELINE GROSS, *Stenographer*, College of Agriculture. 1925.
 CECIL HAGEN, B.A., *Assistant in Department of Publications*
 B.A., University of Idaho. 1930.
 GEORGE CLEMENT HALLAM, *Carpenter*. 1908.
 RHODA HOBSON, *Head of Stenographic Bureau*. 1911.
 MARTHA KELIMANN HOWARD, *Clerk*, Office of Bursar. 1934.
 RUTH LUECK INGEBRITSEN, B.A., *Credential Clerk*, Office of Registrar
 B.A., University of Wisconsin. 1930.
 AUDELLA JOHNSON, *Secretary* to Dean of the College of Agriculture
 University of Idaho. 1929-32, 1933.
 CONSTANCE JOHNSON, *Secretary* to the President. 1930.
 JAMES WILLARD KALBUS, B.S.(Bus.), *Assistant Accountant*, Office of Bursar
 B.S.(Bus.), University of Idaho. 1934.
 **ALICE ROSEMARY KELLY, B.S.(H.Ec.), *Cafeteria Director*, Hays and Forney Halls
 B.S.(H.Ec.), University of Idaho. 1931.
 RALPH KENNEDY, *Electrician*.
 University of Idaho. 1920.
 CLARENCE EDWIN MITCHELL, *Storekeeper*. 1930.
 MELBA BLOUGH OGG, R.N., *Nurse*, Infirmary
 R.N., Deaconess Hospital, Spokane. 1927.
 WINIFRED BARBARA OLSON, R.N., *Nurse*, Infirmary
 R.N., Deaconess Hospital, Spokane. 1930.
 MARY ELLEN OWINGS, B.A., *Clerk*, Office of Registrar
 B.A., University of Idaho. 1929.
 LILLIAN GOODWIN PECK, B.Di., *Secretary* to Dean of the School of Forestry
 B.Di., Iowa State Teachers College. 1933.
 EDNA PETERSON, R.N., *Head Nurse*, Infirmary
 R.N., St. Joseph's Hospital, Vancouver, Wn. 1926.
 CLEMENT LEE PRICE, *Forest Nurseryman*. 1910.
 MYRTLE IRENE RACH, B.S.(Ed.), *Secretary and Assistant* to the Registrar
 B.S.(Ed.), University of Idaho. 1930.
 MARY LARENE RICHARDS, B.S.(Ed.), *Secretary* to Director of Placement Service
 B.S.(Ed.), University of Idaho. 1934.
 ELMER ROTH, *Assistant Engineer*, Physical Plant. 1929.
 INEZ TRACY ROULSTON, *Secretary*, School of Mines. 1926.
 †FLORENCE RACHEL SAMPSON, *Clerk*, Office of Bursar
 University of Idaho. 1929.
 EARL SAWYER, *Herdsman*. 1927.
 LENA SHOUP, *House Mother*, Hays Hall. 1927.
 WILMA MCKAY SILVER, *Secretary* to Superintendent of Buildings and Grounds. 1931.
 AUGUST GOTTFRED SKOG, *Head Janitor*. 1909.
 BERTHA ELLENE SPARKS, B.A., *Assistant* in Department of Publications
 B.A., University of Iowa. 1928.
 GEORGIA EMMA THOMAS, M.S.(Ed.), *Secretary* to Home Demonstration Leader
 B.S.(Ed.), M.S.(Ed.), University of Idaho. 1933.
 †HELEN MARGARET THORNHILL, *Secretary* to Dean of College of Letters and Science
 University of Idaho. 1935.
 LUCIE THROCKMORTON, *Secretary* to County Agent Leader
 University of Idaho. 1918.

*Resigned, December 21, 1934.

**Resigned, February 7, 1935.

†Resigned, November 8, 1934.

†Appointed, February 1, 1935.

- GEORGE TOMER, *Foreman*, University Farm. 1922.
 MARGARET KING TROUT, B.S.(Ed.), *Recording Clerk*, Office of Registrar
 B.S.(Ed.), University of Idaho. 1931.
 OTTO TURINSKY, SR., *Head Gardener*. 1929.
 GEORGE VAN, *Foreman*, Poultry Farm. 1921.
 WADE WELLS, *Swine Herdsman*
 University of Idaho. 1934.
 FRANCES CAROLYN WHEELER, *Secretary to Dean of College of Engineering*
 University of Idaho. 1934.

LIBRARY ASSISTANTS

- AGNES CHRISTINA PETERSON, A.B., *Assistant Librarian*
 A.B., University of Washington. 1922.
 MILDRED HANSEN KERR, B.A., *Loan Assistant*
 B.A., University of Oregon. 1929.
 NEDRA LUCILLE LEBLOND, B.S.(L.S.), *Periodical Assistant*
 B.A., B.S.(L.S.), University of Washington. 1930.
 CATHERINE ELIZABETH JONES, B.S.(L.S.), *General Assistant*
 B.S.(L.S.), University of Washington. 1930.
 ELIZABETH NYE, B.S.(L.S.), *Catalog Assistant*
 B.S.(L.S.), University of Washington. 1932.
 MARGARET RUTH MACDONALD, B.S.(L.S.), *Cataloguer*
 B.S.(L.S.), University of Washington. 1934.
 JOSEPHINE LYNCH, B.S.(L.S.), *Reserve Assistant*
 B.A., B.S.(L.S.), University of Washington. 1934.

OFFICERS OF EXTENSION DIVISION (Agriculture and Home Economics)

- EDWARD JOHN IDDINGS, M.S., *Dean of the College of Agriculture, and Director of
 Extension Division*
 B.S.(Agr.), M.S., Colorado Agricultural College. 1910.
 AUDELLA JOHNSON, *Secretary to the Director*. 1929.

Field Staff

- JESSIE CAMERON AYERS, A.B., *State Seed Analyst* Noble Bldg., Boise
 A.B., University of Washington. 1919.
 EDMUND ROSWELL BENNETT, M.H., *Extension Horticulturist* State House, Boise
 B.S., M.H., Michigan State College. 1916.
 EZRA TAFT BENSON, M.S., *Agricultural Economist* State House, Boise
 B.S., Brigham Young University; M.S., Iowa State College. 1929.
 HARRY LOWE SPENCE, JR., B.S.(Agr.), *Extension Agronomist and State Seed Com-
 missioner* State House, Boise
 B.S.(Agr.), University of Idaho. 1931.
 STANLEY CAIPHUS CLARKE, M.S.(For.), *Extension Forester* Moscow
 Ph.C., University of Illinois; B.S.(For.), M.S.(For.), University of Idaho. 1931.
 MARJORIE EASTMAN, M.A., *Clothing Specialist* State House, Boise
 B.S., Simmons College; M.A., Columbia University. 1926.
 DAVID LESLIE FOURT, B.S.(Agr.), *Extension Dairyman* State House, Boise
 B.S.(Agr.), University of Idaho. 1922.
 MARION MARTHA HEPWORTH, B.S.(H.Ec.), *State Home Demonstration Leader and
 Nutrition Specialist* Moscow
 B.S.(H.Ec.), Kansas State College. 1924.
 KARL VICTOR HOBSON, B.S.(Agr.), *Assistant Agricultural Economist*
 B.S.(Agr.), University of Idaho. 1934. State House, Boise
 PREN MOORE, *Poultry Specialist* State House, Boise
 University of Idaho. 1919.
 THOMAS B. MURRAY, *Rodent Control Leader* State House, Boise
 1928.
 JOHN HENRY REARDEN, B.S., *State County Agent Leader, and State Club Leader*
 B.S., Oregon State College. 1920. Moscow
 EDWARD FRANKLIN RINEHART, M.S.(Agr.), *Extension Animal Husbandman*
 B.S.(Agr.), Ohio State University; M.S.(Agr.), University of Idaho. 1918. State House, Boise
 WESLEY EARL SHULL, Ph.D., *Assistant Extension Entomologist* Moscow
 B.S., Iowa State College; M.S., University of Idaho; Ph.D., Iowa State College.
 1926.
 CLAUDE WAKELAND, Ph.D., *Extension Entomologist* Moscow
 B.S.(Agr.), M.S., Colorado Agricultural College; Ph.D., Ohio State University.
 1920.

County Agents

- TRUMAN CARLTON ANDERSON, B.S.(AGR.), *County Extension Agent*, Lincoln County Shoshone
B.S.(Agr.), Washington State College. 1928.
- LESTER VANCE BENJAMIN, M.S.(AGR.), *County Extension Agent*, Latah County, Moscow
B.S.(Agr.), Michigan State College; M.S.(Agr.), University of Idaho. 1932.
- DELBERT T. BOLLINGBROKE, B.S.(AGR.), *County Extension Agent*, Madison County Rexburg
B.S.(Agr.), Utah Agricultural College. 1926.
- GEORGE WILLIAM CLEVELAND, B.S.(AGR.), *County Extension Agent*, Caribou County Soda Springs
B.S.(Agr.), Utah Agricultural College. 1934.
- CHARLES WARREN DAIGH, B.S., *County Extension Agent*, Bannock County Pocatello
B.S., Oregon State College. 1930.
- ROBERT HERSCHEL DAVIDSON, B.S.(AGR.), *District Extension Agent*, Ada, Boise, Canyon, and Owyhee Counties Boise
B.S.(Agr.), Oregon State College. 1931.
- ALMA EARL DUKE, B.S.(AGR.), *County Extension Agent*, Bear Lake County Paris
B.S.(Agr.), University of Idaho. 1931.
- HARVEY S. HALE, B.S.(AGR.), *County Extension Agent*, Twin Falls County Twin Falls
B.S.(Agr.), Oregon State College. 1930.
- ROBERT NEIL IRVING, B.S.(AGR.), *County Extension Agent*, Kootenai County Coeur d'Alene
B.S.(Agr.), B.S.(Ed.), University of Idaho. 1922.
- PETER MARTIN JESNESS, B.S.(AGR.), *County Extension Agent*, Elmore County Mountain Home
B.S.(Agr.), University of Minnesota. 1918.
- CHASE KEARL, B.S.(AGR.), *County Extension Agent*, Franklin County Preston
B.S.(Agr.), Utah Agricultural College. 1921.
- THOMAS JEFFERSON KLINGLER, B.S., *County Extension Agent*, Blaine County Hailey
B.S., Ohio Northern University. 1919.
- BUFORD ELMER KUHNS, B.S.(AGR.), *County Extension Agent*, Minidoka County Rupert
B.S.(Agr.), University of Idaho. 1927.
- GUY THEODORE McALEXANDER, B.S.(AGR.), *County Extension Agent*, Benewah County St. Maries
B.S.(Agr.), Colorado Agricultural College. 1930.
- OTIS ELMER McCONNELL, B.S.(AGR.), *County Extension Agent*, Gooding County Gooding
B.S.(Agr.), University of Missouri. 1921.
- WILLIAM WENDELL PALMER, B.S.(AGR.), *County Extension Agent*, Cassia County Burley
B.S.(Agr.), University of Idaho. 1927.
- CHASE WASHINGTON RANEY, B.S.(AGR.), *County Extension Agent*, Lewis County Nezperce
B.S.(Agr.), University of Idaho. 1934.
- WILLIAM EBER RAWLINGS, B.S.(AGR.), *County Extension Agent*, Idaho County Grangeville
B.S.(Agr.), Purdue University. 1931.
- JOHN ROLAND ROBERTSON, B.S.(AGR.), *County Extension Agent*, Fremont County St. Anthony
B.S.(Agr.), University of Idaho. 1930.
- DELMER EYRE SMITH, B.S.(AGR.), *County Extension Agent*, Jerome County Jerome
B.S.(Agr.), Utah Agricultural College. 1927.
- WESLEY ROOSEVELT SPENCER, B.S.(AGR.), *County Extension Agent*, Gem County Emmett
B.S.(Agr.), University of Idaho. 1931.
- HAROLD RALPH STUCKY, B.S.(AGR.), *County Extension Agent*, Power County American Falls
B.S.(Agr.), University of Idaho. 1929.
- LEON B. TAYLOR, B.S.(AGR.), *County Extension Agent*, Washington County Weiser
B.S.(Agr.), University of Idaho. 1921.
- WALTER FRANCIS THOMAS, B.S.(AGR.), *County Extension Agent*, Bonner County Sandpoint
B.S.(Agr.), University of Idaho. 1921.
- JOSEPH WILLIAM THOMETZ, *County Extension Agent*, Nezperce County Lewiston
University of Idaho. 1921.
- MERLE L. TILLERY, B.S.(AGR.), *County Extension Agent*, Bingham County Blackfoot
B.S.(Agr.), Colorado Agricultural College. 1925.
- CECIL ROOSEVELT TULLEY, B.S.(AGR.), *County Extension Agent*, Bonneville County Idaho Falls
B.S.(Agr.), University of Idaho. 1932.
- DANIEL EMERSON WARREN, B.S.(AGR.), *County Extension Agent*, Oneida County Malad
B.S.(Agr.), University of Idaho. 1929.
- EUGENE WINFIELD WHITMAN, M.S.(AGR.), *County Extension Agent*, Teton County Driggs
B.S.(Agr.), M.S.(Agr.), University of Idaho. 1929.
- LEWIS M. WILLIAMS, B.S.(AGR.), *County Extension Agent*, Jefferson County Rigby
B.S.(Agr.), University of Idaho. 1934.

Home Demonstration Agents

- HATTIE JULIA ABBOTT, B.S.(H.EC.), *District Home Demonstration Agent*, North Central District Moscow
B.S.(H.Ec.), Kansas State College. 1929.

- LEATHA CHRISTENSEN, B.S.(H.Ec.), *District Home Demonstration Agent* Idaho Falls
B.S.(H.Ec.), Utah Agricultural College. 1929.
- MAGDALENA CLEMENTS, B.S., *District Home Demonstration Agent* Twin Falls
B.S., Oklahoma A. & M. College. 1931.
- FERN EVELYN SPENCER, B.S.(H.Ec.), *District Home Demonstration Agent*, Northern
District Moscow
B.S.(H.Ec.), University of Idaho. 1934.

Club Agents

- GEORGE CLARENCE ANDERSON, M.S.(Agr.), *District Extension Agent* Boise
B.S.(Agr.), Kansas State College; M.S.(Agr.), University of Idaho. 1922.
- JAMES WARREN BARBER, B.S.(Agr.), *District Extension Agent* Pocatello
B.S.(Agr.), University of Idaho. 1921.
- PETER RUSSELL GLADHART, B.S.(Agr.), *District Club Agent* Pocatello
B.S.(Agr.), University of Idaho. 1934.
- IRVIN W. SLATER, B.S.(Agr.), *District Club Agent*, Bannock County Pocatello
B.S.(Agr.), University of Idaho. 1934.
- EARL RAYMON STANSELL, M.S.(Agr.), *District Club Agent* Burley
B.S.(Agr.), M.S.(Agr.), University of Idaho. 1934.
- WILLIAM LOUIS STEPHENS, B.S.(Agr.), *District Extension Agent* Moscow
B.S.(Agr.), University of Idaho. 1926.

Superintendents of Experiment Substations

- JOHN LEONARD TOEVS, B.S.(Agr.) Aberdeen
B.S.(Agr.), University of Idaho. 1931.
- REUBEN FREDERIC JOHNSON, B.S.(Agr.), *Acting Superintendent* Caldwell
B.S.(Agr.), University of Idaho. 1929.
- WILLIAM ALFRED MOSS, B.S.(Agr.) Tetonia
B.S.(Agr.), Kansas State College. 1929.
- JOHN HENRY CHRIST, M.S.(Agr.) Sandpoint
B.S.(Agr.), University of Idaho; M.S.(Agr.), Iowa State College. 1921.

RESEARCH STAFF

Idaho Bureau of Mines and Geology

- ARTHUR WILLIAM FAHRENWALD, MET.E., *Acting Secretary and Director*
B.S.(Met.E.), Met.E., South Dakota School of Mines; E.M., New Mexico
School of Mines. 1919.
- FRANCIS BAKER LANEY, Ph.D., *Geologist*
B.S., Drury College; M.A., University of Wisconsin; Ph.D., Yale University.
1920.
- ALFRED LEONARD ANDERSON, Ph.D., *Geologist*
B.S.(Chem.E.), M.S.(Geol.), University of Idaho; Ph.D., University of Chi-
cago. 1923.
- WILLIAM WESLEY STALEY, M.S.(Met.), *Mining Engineer*
B.S.(Min.E.), E.M., New Mexico School of Mines; M.S.(Met.), University of
Idaho. 1928.
- JOSEPH NEWTON, M.S.(Met.), *Assistant Metallurgist*
B.S.(Met.E.), Montana School of Mines; M.S.(Met.), University of Idaho. 1930.
- VERNON EDWARD SCHEID, A.B.(GEOL.), *Assistant Geologist*
B.A.(Geol.), Johns Hopkins University. 1934.
- RAYNARD VICTOR LUNDQUIST, B.S.(CHEM.E.), *Chemist*
B.S.(Chem.E.), University of Idaho. 1928.
- VERAL FRANKLIN HAMMERAND, *Teaching Fellow in Geology*
University of Idaho. 1934.

FORESTRY EXTENSION

U.S.D.A. Bureau of Entomology and Plant Quarantine

(In cooperation with the School of Forestry)

Division of Blister Rust Control

- RENE PAUL D'URBAL, B.A., *Assistant Chemist, U.S.D.A.*, (Studies in the Chemical
Eradication of Ribes.)
B.A., Gonzaga University. 1927.
- VIRGIL DANIEL MOSS, M.S.(For.), *Agent U.S.D.A.*, (Eradication Methods.)
B.S.(For.), M.S.(For.), University of Idaho. 1933.

U.S.D.A. Bureau of Plant Industry

(In cooperation with the School of Forestry)

ROYALE KING PIERSON, M.S.(For.), *Technician, U.S.D.A.* (Blister Rust Infection Studies.)
 B.A., University of Montana; M.S.(For.), University of Idaho. 1932.

STANDING COMMITTEES OF THE FACULTY**ACADEMIC COUNCIL:**

President Neale, Chairman; Dean Eldridge, Vice-Chairman; Deans Crawford, Farmer, French, Howard, Hungerford, Iddings, Kerr, Kostalek, McArdle, Messenger; Acting Dean Fahrenwald; General Chrisman; Professors Cummings, Jensen, McCoy, Johnson, Taylor; Miss Olesen.

ADMINISTRATIVE COUNCIL FOR THE JUNIOR COLLEGE:

Dean Kerr, Chairman; Deans Eldridge, Farmer, Kostalek, Messenger; Professors Chenoweth, Taylor.

ADMISSIONS AND ADVANCED CREDITS:

Professor Axtell, Chairman; Professors Barton, Gail, Hulbert, Sargent, Taylor, Miss Olesen.

AFFILIATION WITH STATE TEACHERS' ASSOCIATION:

Professor Smith, Chairman; Professors Snyder, DuSault, Buchanan.

REPRESENTATIVE ON A.S.U.I. BOARD:

Dean Kerr.

REPRESENTATIVE IN ATHLETIC CONFERENCE:

Dean Crawford.

ATHLETICS:

Dean Crawford, Chairman; Acting Dean Fahrenwald; Professors Axtell, Calland, Hubert, Hulbert, Rearden, Wirt.

BUILDINGS AND GROUNDS:

Mr. Lind, Chairman; Dean Crawford; Professor Beresford.

CALENDAR:

Professor Church, Chairman; Dean French; Professor Snyder; Mr. Horton, Mr. Greene; A.S.U.I. Representative.

DISCIPLINE:

Professor Hickman, Chairman; Professors Buchanan, Johnson, Taylor; Student Representatives, William B. Wetherall, Louis V. August.

FACULTY LOAN FUND OF 1932:

Professor Taylor, Chairman; Professors Buchanan, DuSault.

GRADUATE COUNCIL:

Dean Hungerford, Chairman; Deans Farmer, Messenger; Acting Dean Fahrenwald; Professors Hubert, Johnson, Miller; Miss Olesen.

HEALTH AND HOUSING:

Professor Halversen, Chairman; Dean French; Professors Calland, Lewis, Stough, Wirt; Doctors Armstrong, Einhouse; Miss Peterson.

LIBRARY:

Miss Sweet, Chairman; Deans Farmer, Howard; Professors Church, Howe, Hubert, Johnson, Nordby.

LOAN FUNDS:

Mr. Stanton, Chairman; Professors Taylor, Tromanhauser.

NON-RESIDENT STATUS OF STUDENTS:

Dean Howard, Chairman; Dean Kerr; Professor Harding.

PROMOTION OF SCHOLARSHIP:

Professor Taylor, Chairman; Dean Hungerford; Professors Graue, Johnson, Tromanhauser.

PUBLIC EVENTS:

Dean Kerr, Chairman; Deans Hungerford, McArdle, Messenger; Professors Cummings, Miller.

REGISTRATION AND SCHEDULE:

Miss Olesen, Chairman; Deans Farmer, Howard, Kostalek, Messenger; Professors Axtell, Buchanan, DuSault, Staley; Mr. Stanton.

RESIDENCE—WOMEN STUDENTS:

Dean French.

RESIDENCE—MEN STUDENTS:

Dean Kerr, Chairman; Professors Hubert, Raeder.

STUDENT ORGANIZATIONS:

General Chrisman, Chairman; Deans Crawford, French, Kostalek; Professor Barton.

THE HISTORY OF THE UNITED STATES

THE HISTORY OF THE UNITED STATES
FROM 1789 TO 1861
BY J. H. HARRIS

CHAPTER I

THE HISTORY OF THE UNITED STATES
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PART VII

Alumni Organization

Degrees Conferred

Honor List

PART VII
Administrative Organization
Directors' Council
Honorary List

The Alumni Association

OFFICERS

President	Ralph York, ex-'19, Boise
First Vice-President	Lawrence Huff, '21, Moscow
Second Vice-President	Mrs. A. J. Peavey, '03, Twin Falls
Third Vice-President	Thomas P. West, '25, Pocatello
Regional Vice- Presidents	<div style="display: inline-block; vertical-align: middle;"> {First Gerald Gehrke, '28, Idaho Falls {Second J. H. Christ, '19, Sandpoint {Third Dr. Carroll Smith, '01, Spokane {Fourth Floyd Marchesi, '25, Kellogg </div>
Secretary-Treasurer	O. A. Fitzgerald, '23, Moscow

Degrees Conferred in June, 1934

COMMENCEMENT ADDRESS

MARSHALL N. DANA

Associate Editor, *Oregon Journal*, Portland, and Chairman,
Pacific Northwest Regional Planning Commission

BACCALAUREATE DEGREES

College of Letters and Science

BACHELOR OF ARTS

Keith Hirlinger Armstrong	Patricia Ann Kennard
Gertrude Mary Axtell	Jean Elizabeth Kingsbury
Mildred MacDougal Brackett	Walter Charles McWilliams
Mary Louise Bush	George Morey Miller, Jr.
Leland Reed Cannon	Margaret Ruth Moulton
Julia Conway	Fern Marie Paulsen
Carolyn Ruth Cook	Thomas Alvin Reardon
Evelyn Mae Cross	Clayne Robison
John Joseph Cusano	Margaret Victoria Rydholm
Dorothy June Davidson	Edna Louise Scott
Ruth Elaine Dunn	Margaret Mary Scott
James Patrick Farris	Florence Priebe Simpson
Raphael Sanford Gibbs	Richard Kenneth Stanton
Frances Catherine Hanley	Gilbert Clency St. Clair
Mary Louise Hepworth	Alice Virginia Stone
Ruth Wilson Humphreys	Evelyn Elaine Stone
Milford Stephen Ingebritsen	Evelyn Mae Thornhill
Verla Jergensen	Miriam Irene Virtanen
James Frank Keith	

BACHELOR OF SCIENCE

Charles Richard Arnold	Russell Keith Leatherwood
Victor John Baumgartner	Peter Munson Pence
Edmund Thomas Clark	Ethel Woody Spence
Eloise Emmett	Marjory Ruby Talboy
Ruth Eileen Kehrer	Elizabeth Alice Vincent
Louis Shroer Keyser	Howard Leonard Wiseman
Leslie Lundgren Larson	Don Murray Wolfe

BACHELOR OF SCIENCE IN PRE-MEDICAL STUDIES

Ralph Douglas Cordon	Robert McCarthy O'Brien
James Carl Hutchinson	Peter Albert Reiersen
Earl Christian Jensen	John Gates Verberkmoes
Wesley Stephan Nock	William Travers Wood

BACHELOR OF SCIENCE IN PRE-NURSING STUDIES

Laura Maurine Peterson	Dorothy Anne Telford
------------------------	----------------------

BACHELOR OF SCIENCE IN HOME ECONOMICS

Alma Aas	Leota Victoria Hamlet
Vivian Grace Arms	Velma Marie Hofmann
Beulah Berreman	Ivy Mildred McPherson
Eva Jane Brown	Elvera Victoria Nelson
Dorothy Priscilla A. Chapman	Violet Evelyn Songstad
Lucille Crist	Veda Mae Tochterman
Clare Ransom Davis	Madeleine Louise Williamson
Frances Louise DuSault	Helen Cochran Wiswall

BACHELOR OF MUSIC

Harriet Inegene Baken

Arthur Verne Wilson

College of Agriculture**BACHELOR OF SCIENCE IN AGRICULTURE**

Arthur Delbert Bolton
 Henry Dunn
 Victor Glenn Duspiva
 Robert Alexander Fisher
 George Karroll Gibbs
 Peter Russell Gladhart
 Wylie Daniel Goodsell
 Milton Call Grover
 Bertil John Gunnarson
 Karl Victor Hobson
 Charles Worth Hodgson
 George Call Hoggan

Edwin Henry Luttrupp
 Gene Elbert McProud
 Servando Abad Madarang
 Bernard Joseph Rieger
 Cecil Ellis Shawver
 Horace Jennings Shipman
 Karl Frank Stoeck
 Edward Fleming Waggoner
 Russel Carol Wamsley
 Harry William Wellhausen
 John Wisdom Wiswall

College of Engineering**BACHELOR OF SCIENCE IN CIVIL ENGINEERING**

Charles Nelson Cairns
 Elmo Cassim Higginson
 Kenneth John Nollie

Claude Harold Studebaker
 Charles Hinds Thompson
 Charles Oscar Wamstad

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

William Horace Clagett, Jr.
 Ray Lewis Davis
 Vernon Arnold Finlayson
 Burton Morgan Hanson
 Alvin John Jacobson
 Henry Ferdinand Koch
 Jack Ingram Morgan

Vernon Jerome Nelson
 Frederick Fenn Quist
 Lloyd Robert Reed
 Fredric D. Rose
 Wayne Burr Smith
 Delbert Jones Ward

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

Allan Walker Bacheller
 Willis James Brown
 Donald Lloyd DuBois
 Lowell Bell Harris

Albert Lain Maede
 Fred Lewis Miller
 Paul Edwin Paulson

BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING

Jacob Osborn Ashcraft, Jr.
 Artell George Chapman
 Robert Howard Harris
 George Albert Matson

Juan Hillman Moore
 Robert Willard Vance
 Paul Coburn Ward

BACHELOR OF SCIENCE IN AGRICULTURAL ENGINEERING

Walter Raymond Friberg

Walter Frank Hereth

College of Law**BACHELOR OF LAWS**

Gus Carr Anderson
 Milo Clifton Axelsen
 John Roy Black
 Leonard Di Miceli
 Paul George Eimers
 Chaumo Walker Lyon

Jack Francis McQuade
 Claude Virgil Marcus
 Hugh Redford
 Samuel Fothergill Swayne
 Harry Randall Wallis, Jr.

School of Mines**BACHELOR OF SCIENCE IN MINING ENGINEERING**

Robert Barnes Austin
 Donald Pemble Carnes
 Carroll Clermont Livingston

Frederick Victor Schneider
 Frank Andrew Taft

BACHELOR OF SCIENCE IN METALLURGY

Henry Joseph Gisler

Ralph Bernard Utt

BACHELOR OF SCIENCE IN GEOLOGY

Austin Bond Clayton
 Wray Wolcott Featherstone

Charles Albert Lee
 Donald Warren McGlashan

School of Forestry**BACHELOR OF SCIENCE IN FORESTRY**

Aubrey James Arthurs	John Hugo Kraemer
Rudolph John Benson	Lawrence Sharp Newcomb
Charles Robert Crawford	Robert Stanley Opie
Jack Lawrence Frederic	John William Parker
William Stowell Gaffney	Elliott Eugene Redman
George Lloyd Hayes	Clarence Edmund Stilwell
James Wilbur Jay	William Lionel Towns

School of Education**BACHELOR OF SCIENCE IN EDUCATION**

James William Ames	Bonita Ruth Low
Georgia May Anderson	Geraldine Elizabeth McCarty
Thomas Reginald Ashlee	Janet Adell McCoy
Frances Leora Baken	Rose Meyer
Horace Frederick Baldrige	Ruth Meyer
Edwin Roy Barker	Jack Edwin Mitchell
Vincent Poole Bevis	Helen Elizabeth Moore
Laura Nellie Brigham	Louise Clarice Mulliner
Arthur Wayne Burke	Rosa Eileen Murphy
Marian Grace Burns	Florence Mathewson Murray
Blanche Brutzman Chestnut	Anna McHenry Neely
Thomas William Chestnut	Ernest Vernon Nelson
Leo Ennes Click	Harold Edward Netzel
Wyman William Croy	John Heyerdahl Norby
Chesley Albert Davenport	Wendell Howard Olsen
David James Davis	Ellen Emelia Peterson
Oliver Thomas Davis	Mildred Edna Peterson
Marie Jane De Winter	Laverne John Randall
Loyal Elmer Dybvig	Mary Larene Richards
John Courtney Eddy	Jean Almira Richardson
Katharyn Schnell Eddy	Walter Clement Robbins
Harold Oliver Edwards	Lester R. Roberts
Earl Dean Eggers	Winston Leigh Roesch
Max Albert Eiden	Marie Marjorie Rosenau
Ruth Elliott	George Thomas Ross
Ralph Edgar Ellis	Glenn Martin Satchwell
Clemens Harrod Enking	Thomas Byers Sayles
Maurice Edwin Erickson	Orville Lillis Schmitz
Olga Ewasen	Dorothy Jean Scott
Glenn Exum	Ira Leonard Shanks
John Fattu	Eva Helen Skinner
William Paul Felten	Glenn Edward Smith
Fred Augustus Fisher	Ruth Lydia Smith
Nels Arave Fowles	Hoy L. Snyder
Lyle Jack Fraley	Mary Davidson Stokke
Aileen Dorothy Francis	Samuel James Stone, Jr.
Marion Jean Fry	Dorothy Arnold Stuart
Winifred Galloway	Benjamin Earl Thomas
George Russell Garst	Elizabeth Ann Thompson
William Griffin Gnaedinger	Miriam Gladys Tulley
Dorothy Naomi Green	Dorothy Lee Ward
Grace Muriel Green	Glenn L. Williams
Arta Lozalia Groseclose	Jack Lloyd Williams
Maude Harris	George Green Wilson
Edward Emmett Hurley	Harry Alfred Wilson
Lowell Marion Isaksen	Ronald Brazee Wilson
Harry Joseph Jacoby	Ada Frances Yost
Dan Edgar Lacy	Rita Mary Yost
Arthur Folk Ladd	

BACHELOR OF SCIENCE IN MUSIC EDUCATION

Mae Belle Donaldson	Annie Elizabeth Snow
Arthur Roger Schwartz	

School of Business Administration**BACHELOR OF SCIENCE IN BUSINESS**

Rosamond Frances Aram	Jane Elizabeth Dunn
James Joseph Breen	Harriette Dwight
Charles Robert Burdick	Doris Christine Emery
Richard Joseph Crombie	Frederick Fallon Faires
Virgil Romaine Dalberg	Jack Howard Fick

Philip Clague Fikkan
William Bently Galligan
Helen Frances Gentry
Donald Thomas Griffith
Roland Obed Hill
Fred Charles Hoffman
Max H. Hollingsworth
Rollin Wheeler Hunter
Ellen Mae Jack
James Willard Kalbus

Jessie Edith Macdonald
Eugene Bird Manwaring
Fred D. Maurer
Robert Earl Newhouse
Lloyd Adelbert Riutcel
Charles Peter Schumacher
Charles Allen Severn
Thomas Basil Stewart
Galt L. Whipple
Jack Arthur Wunderlich

ADVANCED DEGREES

MASTER OF ARTS

NAME	PRESENT DEGREE	MAJOR DEPARTMENT
Lloyd Wesley Berg, B.A., University of Idaho, 1933		Philosophy
Andres Bandayrel Bigornia, B.A., University of Idaho, 1933		Philosophy
Edward Hoyt Isenberg, B.S.(Ed.), University of Idaho, 1932		
M.S.(Ed.), University of Idaho, 1933		Philosophy
Edna Schiller Lind, A.B., University of Colorado, 1919		French
Jean Christian Nielsen, A.B., Brigham Young University, 1932		American History
Eldon Donald Schock, A.B., Nebraska Wesleyan University, 1915		
M.S.(Ed.), University of Idaho, 1932		American History
Stanley Sheldon Spaid, B.A., University of Idaho, 1932		European History
Edward Hamilton West, A.B., Birmingham-Southern College, 1926		
B.D., Virginia Theological Seminary, 1931		Philosophy
Marian Agnes Wormell, B.S.(Ed.), University of Idaho, 1929		English

MASTER OF SCIENCE

Williamina Elizabeth Armstrong, B.S.(H.Ec.), University of Idaho, 1933		Agricultural Chemistry
Herbert Cecil Clare, B.S.(Chem.E.), University of Idaho, 1929		Chemistry
Charles Alexander Douglas, B.S., University of Idaho, 1933		Physics
Harvey William Edelblute, B.S.(Chem.E.), University of Idaho, 1932		Chemistry
Robert Alexander Fisher, B.S.(Agr.), University of Idaho, 1934		Entomology
Ray Hansen Kelley, B.S.(Pre-Med.), University of Idaho, 1932		Zoology
Elbert Monroe Long, B.S., University of Idaho, 1933		Botany
Armand Hilmer Lundquist, B.S., University of Idaho, 1928		Physics
Malcolm Mackenzie Renfrew, B.S., University of Idaho, 1932		Chemistry
Susie May Ridge, B.A., University of Idaho, 1928		
B.S., University of Idaho, 1929		Botany
Otto Turinsky, B.S.(Chem.E.), University of Idaho, 1929		Chemistry

MASTER OF SCIENCE IN AGRICULTURE

Karam Singh Maughn, B.S.(Agr.), University of Idaho, 1933		Horticulture
Gerald Metier Whitney, B.S.(Agr.), University of Idaho, 1933		Agronomy

MASTER OF SCIENCE IN CIVIL ENGINEERING

Arthur Jerome Davidson, B.S.(C.E.), University of Idaho, 1933		Civil Engineering
---	--	-------------------

MASTER OF SCIENCE IN GEOLOGY

Charles Alfred Rasor, B.S.(Geol.), University of Idaho, 1932		Geology
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MASTER OF SCIENCE IN FORESTRY

Stanley C. Clarke, B.S.(For.), University of Idaho, 1932		Forestry
John Joy McNair, B.A., Carleton College, 1930		
M.S., University of Minnesota, 1932		Wood Chemistry

MASTER OF SCIENCE IN EDUCATION

Mary Dresser Bedford, B.A., Whitman College, 1913		Education
Fred Clayson Blanchard, B.A., University of Washington, 1926		
M.A., University of Washington, 1929		Education
Edith Alice Brebner, B.S.(Ed.), University of Idaho, 1924		Education
Edwyna Elizabeth Broadbent, A.B., Willamette University, 1933		Education
Mary Helen Brosnan, B.A., University of Idaho, 1932		Education
Edwin Cecil Cheuvront, B.S.(Ed.), University of Idaho, 1928		Education
Edith Abbott Coleman, B.S., Kansas State Agricultural College, 1923		Education
Kathryn Janet Collins, B.S.(Ed.), University of Idaho, 1933		Education

Walter Judson Dean, B.A., University of Idaho, 1929	
M.A., University of Idaho, 1930	Education
Alfred Morley Derr, B.S.(Agr.), University of Idaho, 1925	Education
Carl Reese Evans, B.S.(Ed.), University of Idaho, 1933	Education
Don Emerson Fridley, B.S.(Ed.), University of Idaho, 1933	Education
John Blaine Fridley, B.A., University of Kansas, 1916	Education
Lillie Gallagher, B.S.(Bus.), University of Idaho, 1931	Education
Josephine Gordon, B.S.(Ed.), University of Idaho, 1926	Education
Thomas Nicholas Hardy, B.A., University of Oregon, 1920	Education
Vernon Lee Hudelson, B.S.(Ed.), University of Idaho, 1929	Education
John William Joyce, A.B., Whitman College, 1930	
M.A., University of Oregon, 1932	Education
Chai Whan Lee, B.A., Willamette University, 1931	Education
Frank P. McCall, B.S., Fremont College, 1917	
A.B., New Mexico State Normal University, 1924	Education
Dorothy E. Messenger, B.S.(Ed.), University of Idaho, 1929	
B.S.(Mus.Ed.), University of Idaho, 1931	Education
Alphonse Stephen Moser, B.S.(Ed.), University of Idaho, 1932	Education
Floyd Lorin Norgaard, B.A.(Ed.), State College of Washington, 1931	Education
Elizabeth Poulton, B.S.(Bus.), University of Idaho, 1928	Education
Hester Adrian Reynolds, B.S.(H.Ec.), University of Idaho, 1929	Education
Andrew Benedict Schaplowsky, B.S.(Ed.), University of Kansas, 1924	Education
Katherine Semple, B.S.(Ed.), University of Missouri, 1925	Education
John Arthur Silvester, B.S.(Ed.), Utah State Agricultural College, 1934	Education
Frank H. Thomas, B.S., University of Idaho, 1919	Education
Kenneth McClintock Tipton, B.S.(Ed.), University of Idaho, 1933	Education
Dale Judson Wakem, B.A., Linfield College, 1929	Education
John Edward Walsh, B.A., College of Idaho, 1922	Education
Alansen Heath Wicks, B.S.(Ed.), University of Idaho, 1933	Education
Guy P. Wicks, B.S.(Ed.), University of Idaho, 1925	Education
Harold Fulton Willmorth, B.A., College of Idaho, 1926	Education
Joseph Ross Woods, B.S.(Bus.), University of Idaho, 1927	Education

COMMISSIONS AND CERTIFICATES

COMMISSIONED AS SECOND LIEUTENANTS IN THE OFFICERS' RESERVE CORPS, UNITED STATES ARMY

Vincent Poole Bevis	Henry Ferdinand Koch	Frederick Fenn Quist
Albert Holden Bowler	George Matthew Klein	Lloyd Adelbert Riutcel
Charles Nelson Cairns	Donald Warren McGlashan	George Thomas Ross
Wyman William Croy	George Morey Miller, Jr.	Benjamin Earl Thomas
Nels Arave Fowles	Kenneth Dew Orr	(Certificate of Eligibility)
Raphael Sanford Gibbs	(Certificate of Eligibility)	Jack Lloyd Williams

TO BE COMMISSIONED AS SECOND LIEUTENANTS IN THE OFFICERS' RESERVE CORPS, UNITED STATES ARMY, UPON COMPLETION OF CAMP TRAINING

Earl Dean Eggers	Owen Hyder Seatz	Claude Harold Studebaker
Edwin Horton Herman	Wesley Orr Shurtliff	Morton Casady Taylor
Vernon Jerome Nelson	Ansbert George Skina	Charles Hinds Thompson
John Heyerdahl Norby	Gilbert Clency St. Clair	Hubert Leander Tyrell
Clayne Robison	Thomas Basil Stewart	George Green Wilson
Orville Lillis Schmitz		Harry Alfred Wilson

THE FOLLOWING (additional) MEMBERS OF THE GRADUATING AND ADVANCED DEGREE CLASSES HAVE PREVIOUSLY RECEIVED COMMISSIONS IN THE OFFICERS' RESERVE CORPS, UNITED STATES ARMY

Arthur Jerome Davidson	Walter Raymond Friberg	Jack Francis McQuade
Oliver Thomas Davis	George Call Hoggan	John Laverne Randall
Max Albert Eiden	Edward Emmett Hurley	Walter Clement Robbins
William Paul Felten	Alvin John Jacobson	Kenneth McClintock Tipton
	Harry Joseph Jacoby	

FINAL HONOR LIST, CLASS OF 1934

(For the conditions upon which honors are awarded, see page 16. In the following lists names are arranged in alphabetical order.)

HIGHEST HONORS

Gertrude Mary Axtell, B.A.	Charles Worth Hodgson, B.S.(Agr.)
Ruth Elliott, B.S.(Ed.)	Patricia Ann Kennard, B.A.
Eloise Emmett, B.S.	Ethel Woody Spence, B.S.
Raphael Sanford Gibbs, B.A.	Alice Virginia Stone, B.A.
George Lloyd Hayes, B.S.(For.)	Miriam Irene Virtanen, B.A.
Karl Victor Hobson, B.S.(Agr.)	

HIGH HONORS

Thomas Reginald Ashlee, B.S.(Ed.)	Walter Charles McWilliams, B.A.
Carolyn Ruth Cook, B.A.	Eugene Bird Manwaring, B.S.(Bus.)
Julia Conway, B.A.	Vernon Jerome Nelson, B.S.(E.E.)
Evelyn Mae Cross, B.A.	Ellen Emelia Peterson, B.S.(Ed.)
Doris Christine Emery, B.S.(Bus.)	Mildred Edna Peterson, B.S.(Ed.)
Marion Jean Fry, B.S.(Ed.)	Charles Allen Severn, B.S.(Bus.)
Wylie Daniel Goodsell, B.S.(Agr.)	Claude Harold Studebaker, B.S.(C.E.)
Ruth Wilson Humphreys, B.A.	Evelyn Mae Thornhill, B.A.
Ellen Mae Jack, B.S.(Bus.)	Veda Mae Tochterman, B.S.(H.Ec.)
Arthur Folk Ladd, B.S.(Ed.)	

PART VIII

List of Students

Enrollment Summaries

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PART VIII
List of Specimens
Fundamental Principles
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List of Students

SYMBOLS used in the following list are to be interpreted thus:

S Summer School
Freshman 38-39
Sophomore (or 1st-yr. Law) 37
Junior (or 2nd-yr. Law) 36
Senior (or 3rd-yr. Law) 35
G Graduate
P Partial Enrollment
A In Absentia (Graduate students)
a. Bachelor of Arts
ag. Agriculture
ae. Agricultural Engineering
b. Business
ce. Civil Engineering
ch. Chemical Engineering
ed. Education
ee. Electrical Engineering

f. Forestry
g. Geology
ge. Geological Engineering
h. Home Economics
jc. Junior College
law Law
me. Mechanical Engineering
med. Pre-Medical
met. Metallurgy
met.e. Metallurgical Engineering
min. Mining Engineering
m. Music
mus.ed. Music Education
n. Pre-Nursing
s. Bachelor of Science
sp. Special

A

Aas, Alma, G S Moscow
Aas, Martha, S 35 h Moscow
Abbott, Robert Asa, 38 jc Wendell
Abshear, Lester Arnold, 38 ce. Twin Falls
Acuff, Alice, 36 ed Rupert
Acuff, Joe Rollin, 36 ag Rupert
Adams, Kathryn Maurine, 38 jc. Moscow
Adams, Merle Richard, 36 ed American Falls
Adams, Molly Anne, S 36 a Nampa
Adams, Thomas Russell, 37 a. Twin Falls
Adamson, Isa Mary, S 35 b Carey
Adkins, Cyril Lee, 37 ed Kimberly
Adkins, Howard E., S Richfield
Adriansen, Alice E., 35 h Moscow
Adriansen, Esther, 36 h Moscow
Afshar, Hadji Azadi Khan, 36 min
Ahlquist, Charlotte Louise, 36 ed. Buhl
Ahlskog, Howard Ernest, 38 f Coeur d'Alene
Ahrenholz, Frederick William, 36 f Kennan, Wis.
Airola, Ellis John, 36 s Gardner, Mass.
Aitken, Lynn A., 37 ag Roberts
Alastra, James Antiago, 37 b. Hazelton
Albee, Leslie Raymond, 35 f Eden
Albohn, William Phillip, 36 ce Spokane, Wn.
Aldecoa, Maurina Jaunita, 35 ed. Boise
Alden, Andrew Earl, 35 ed Bovill
Aldridge, Hollice M., 35 ed. Bonners Ferry
Alexander, Alek, 38 ee Boise
Alexander, Ward Hilbert, 37 ed. Moscow
Alftine, David Carl, 35 ag. Harcourt, Ia.
Allen, Clifford Albert, 38 f Newton Falls, Ohio
Allen, Cyril S., G S Idaho Falls
Allen, Gladys May, G S Moscow
Allen, Ida Doris, 37 ed Moscow
Allen, Martha DeGroat, 36 ed. McCall
Allen, Uleta, G S Logan, Utah
Allen, Vada H., G Moscow
Allen, Vera Irene, S 35 ed. Moscow
Allison, Oren Gerald, 36 a Filer
Alm, Theodore Edwin, 38 jc. Wallace
Almquist, Alma Sophia, 36 h. Mullan
Aman, Leslie Ellsworth, S. Bonners Ferry
Ames, Robert Edgar, 35 ag Emmett
Amick, Fred, S Payette

Ammer, Charles Justin, S 38 jc. Winchester
Amstutz, Helen Coaina, 35 ed. Glenss Ferry
Andersen, Carl Waldemar, 38 f Coeur d'Alene
Anderson, Abigail, 37 jc. American Falls
Anderson, Albert Maynard, 37 ee. Moscow
Anderson, Chester James, 39 jc Ogden, Utah
Anderson, Clarence Lee, 35 ed. Lewiston
Anderson, Elva Louise, S 36 a Coeur d'Alene
Anderson, Ernest William, 36 f. Nampa
Anderson, Floyd Edward, 36 ch American Falls
Anderson, George Alton, S Rexburg
Anderson, Gilmore, 38 ag Moscow
Anderson, Harold Talbott, 36 f. Moscow
Anderson, Henry Wilhelm, 37 ee. Moscow
Anderson, James Gordon, 35 ee. Craigmont
Anderson, Jefferson Tilden Jr., 37 jc Twin Falls
Anderson, Joe Shaw, 38 jc Aberdeen
Anderson, John Eric, G ed Declo
Anderson, John Welsh, 38 jc. Twin Falls
Anderson, Lenora Elizabeth, 38 jc Clarksfork
Anderson, Loren Dwight, 38 f. Filer
Anderson, Loren L., 38 f. Malad
Anderson, Mary Margaret, 35 b. Pocatello
Anderson, Mildred May, S 35 ed. Moscow
Anderson, Paul Albert, 36 ed. Kellogg
Anderson, Paul Luther, 36 f. Spokane, Wn.
Anderson, Raymond Albert, G S A ed Palouse, Wn.
Anderson, Robert Leonard, 38 min Wallace
Anderson, Robert Morris, 38 f. Nampa
Anderson, Vaughn Franklin, 37 ch Palouse, Wn.
Anderson, Walter Houston, sp law Pocatello
Andrews, Del LeRoy, 35 ee Rupert
Andrews, Francis Whipple, 37 ag. Rupert
Andrus, Beaumont Theodore, 38 jc. Firth
Andrus, Maxine Mary, 38 ed Firth
Anell, Arthur Bernard, 36 f. Moscow
Angell, Herbert Warren, 36 f. Clinton, Ia.
Anson, Helen Andrea, 38 ed Horseshoe Bend
Apgood, Pharen Martell, 39 jc. Malad
Aram, John Lorenzo, 36 b. Joseph
Arand, Elwood Louis, 37 f. Bellevue, Ky.

- Archbold, Jane Frances, 35 a
Portland, Ore.
- Armour, James Van, 37 b Moscow
Armour, Tom William, S Moscow
Arms, Henry Shull, 36 s Wallace
Arms, William Dean, 37 ce Wallace
Armstrong, Dorothy Edna, 36 ed. Rupert
Armstrong, Ivan William, 37 jc. Bend, Ore.
Armstrong, Ralph Joseph, 36 law
Olympia, Wn.
- Arndt, Chester Emil, 35 ag Moscow
Arnett, Howard, 35 me Wallace
Arnett, Kenneth B., 38 jc Wallace
Arnold, Donald Cutler, 36 s Boise
Arrington, Woodrow Emerson, 35 me
Montpelier
- Arthur, Marcus Levi, 37 jc Lapwai
Aschenbrenner, Carl Edward, S
Bonners Ferry
- Ash, Mildred Marian, 37 ed Boise
Ash, William Henry, 37 jc Boise
Ashbrook, Robert Lewis, 37 b
Long Beach, Cal.
- Asher, Allen Hermann, 36 law. Sandpoint
Ashlee, Ella Elizabeth Ireson, 38 jc
Moscow
- Ashlee, Thomas Reginald, G ed. Moscow
Aslett, Marvin James, 36 ee Pocatello
Astle, Pauline Louise, G S St. Anthony
Aston, Harriet Jean, 37 jc. Spokane, Wn.
Atwood, Edwin Milo, 36 ee Moscow
Atwood, James Palmer, 38 me. Lewiston
August, Joseph, 38 jc Spokane, Wn.
August, Louis Vitus, 36 b. Spokane, Wn.
Austin, Billye Jane, 38 jc Blackfoot
Averett, Jack Willard, 38 f Emmett
Axtell, Richard William, 36 a Moscow
Ayre, Joe Reed, 37 jc Wallace
- B**
- Babcock, Ethel Peyton, G S A ed
Long Beach, Cal.
- Babcock, Miriam Dorothy, S 35 ed
Twin Falls
- Bacabac, Faustino Caliston, 36 ee
Ajuy, Iloilo, P. I.
- Bachand, Emile Patrick, 38 ce. Greer
Bailey, Kathleen Edith, 37 ed. Spokane, Wn.
Baird, Dora Annette, 38 jc Boise
Baird, Laurence Edwin, 35 a Boise
Baird, Robert Dean, G S A ed. Sugar City
Baird, William Andrew, 36 me
Valentine, Ariz.
- Baken, George Joseph, G Moscow
Baker, Ancil David, 37 f. Mojave, Cal.
Baker, Arthella, G S Logan, Utah
Baker, Bertram Charles, 38 f
Devils Lake, N. Dak.
- Baker, Charles Burnell, 35 ed G ed
Gooding
- Baker, Charles Ross, 37 f Boise
Baker, Dorothea May, G S Caldwell
Baker, Marguerite Harper, G S. Caldwell
Baker, Martha Jane, 37 jc Rupert
Baker, Marvin Rader, G S Caldwell
Baker, Richard Charles, 38 mus.ed
Coeur d'Alene
- Baker, Robert Hugh, 37 a Rupert
Baker, Sarah Jane, 38 ed Moscow
Baker, Wallace Edgar, 35 ed Boise
Baker, William Roy, G S A ed
Pendleton, Ore.
- Baldwin, Kenneth Clarence, 37 f
Norfolk, Nebr.
- Baldwin, Robert Hugh, 38 me. Lewiston
Ball, Chester Curtis, 36 s. Chadron, Nebr.
- Ball, Harold Knowlton, 37 ag. Menan
Ball, Yvonne Elizabeth, 38 ed Moscow
Ballard, Helen Maurine, G S Twin Falls
Ballif, Eva, G S Preston
Ballif, Frank Royal, G S Preston
Bandelin, Betty, 36 mus.ed. Sandpoint
Banks, John Vallery, 38 ce. Almira, Wn.
Banks, Juan Nita, S Troy
Banks, Mary Norie, G Moscow
Barbee, Jack H., 35 min Shoshone
Barker, John Matthew, 38 jc. Buhl
Barker, Loris Turner, G S. St. Maries
Barnes, Aldous Gilbert, 36 ch Boise
Barnett, Gordon Levi, 37 ed Sandpoint
Barnhart, John Love, G Moscow
Barnhill, Earl Donald, 38 ee Moscow
Barrett, Edward Murray, G S
Spokane, Wn.
- Barrett, Kenneth Rafael, G S. Pocatello
Barrus, Fern Louise, G S Sugar City
Barto, Harold Edwin, G S A ed
Ellensburg, Wn.
- Barton, Dwight Weldon, 37 jc. Lewiston
Barton, Margaret LaVerne, 39 jc
Spokane, Wn.
- Barton, Sherwin Monteith, 37 min. Weiser
Basinger, Walter, G S. Salt Lake City Utah
Basom, Elson Ray, 36 me Nampa
Bateman, Alfred Hess, G S. Idaho Falls
Bateman, Winifred, 36 a Moscow
Bauch, Thomas James, 38 jc
Milwaukee, Wis.
- Bauer, Reuben, G S Emmett
Bauman, James Henry, 36 med. Lewiston
Baumgartner, Victor John, G. Nampa
Baumgartner, Walter, 36 ag Thornton
Baxter, Elba Boyd, 36 ag Challis
Baylon, Charles Armand, 38 jc. Copeland
Beach, Frank Jr., 37 ag Burley
Beadner, Sol Alfred, G S Boise
Beagles, Evva Aldora, S Montpelier
Beal, Richard L., 38 ag Ola
Beall, Ausman T., 38 jc Caldwell
Beamer, Mary David, S 35 ed Filer
Bean, Agnes, 38 jc Sugar City
Beardmore, Charles Curtiss, 37 jc
Priest River
- Beatty, Francis James, 38 f. Van Nuys, Cal.
Bechard, Eugene E., 37 a. Bonners Ferry
Bechtol, Edwardine Evelin, S 38 jc
Moscow
- Beck, Ernest Peter, 38 ag Post Falls
Beck Glenn Hanse, 36 ag Aberdeen
Beck, John Melvin, 36 ag Burley
Beck, Seymour Morgan, 36 ag Rupert
Beck, William McKell, S Burley
Becker, Margaret Claire, G S Genesee
Beckwith, John Asahel, G. Mountain Home
Beeman, Addison Cecil, 37 jc Gooding
Bell, Alice Miriam, S 35 mus.ed. Moscow
Bell, Clarence Watson, 37 ed Moscow
Bell, Georgia Mae, G S Moscow
Bell, Mary Carolyn, G a Boise
Bell, Roscoe Ernest, G Moscow
Bellwood, Sherman Jean, 38 jc Kimberly
Belnap, Elmer Durlin, S Rexburg
Belsher, Helene Myrtle, 38 ed Boise
Bender, Philip Homer, 37 f. Spokane, Wn.
Benedict, Donald Dwight, 38 ag. Lewiston
Benjamin, Lester Vance, G Moscow
Bennett, Evelyn Mae, S Moscow
Bennett, Jewel Verna, 37 ed Deary
Bennett, Rhyll Edward, 38 jc Shelley
Bennett, Robert Winston, 35 b
Mountain Home
- Bennett, Wayne Jay, 38 jc Moscow

- Bennion, Hugh C., G SRexburg
 Benson, Ellen Clarice, 38 edMoscow
 Benson, Helen Elisabeth, 38 jcMoscow
 Berg, Alfred William, 35 ed..Idaho Falls
 Berg, Evelyn Boyd, 37 jcMoscow
 Berg, John Allison, 37 eeOsburn
 Berg, Lloyd Wesley, GPocatello
 Berg, Paul Henry, 35 ceIdaho Falls
 Bergen, Harold George, 35 ag..Twin Falls
 Berger, Billie Maxine, 38 jcPocatello
 Berger, Donald Raymond, 38 jc..Lewiston
 Berkenbosch, William, 38 f..St. Louis, Mo.
 Berlinger, Margaret Josephine, 38 jc
 Kelly Lake, Minn.
 Berry, Ray Harris, 36 edLewiston
 Berry, Stanley Fisk, G S
 Angel's Camp, Cal.
 Bertrand, George Lester, SLewiston
 Best, Nellie Geraldine, G S G....Moscow
 Beth, Elmer Frederick, 37 law....Moscow
 Bethmann, Emilie Frieda, 37 edKamiah
 Betts, Walter Bert, 38 f..Los Angeles, Cal.
 Beutler, George William, 38 ag ..Emmett
 Bever, Wayne Melville, GMoscow
 Beveridge, Norman Stephen, 38 f
 Rhineland, Wis.
 Beverly, Robert Edgar, 38 ch..Priest River
 Bevington, Frank Clark, 36 bBoise
 Bevis, Paul Marshall, 39 edMoscow
 Bevis, Ruth Lee, 38 jcMoscow
 Beyersdorf, Rudolph Rienhard, 38 jc
 Davenport, Wn.
 Beyersdorf, Virgil Victor, S 37 law
 Davenport, Wn.
 Bickford, Richard Folsom, 36 f
 Cambridge, Mass.
 Biggardt, Vera Lee, 38 jcMohler
 Bigham, Oren William, 38 fBovill
 Bigler, Harold D., 37 agRexburg
 Bissell, Alma Elizabeth, 37 bGooding
 Bjorkman, Swen Robert, G S..Sugar City
 Bjornstad, Catherine Janet, 37 jc.Pocatello
 Black, James Albert Jr., 37 jc..Lewiston
 Black, William August, 37 jcPocatello
 Blackman, Blythe Almeda, 38 jc..Kellogg
 Blackman, John Andrew, 37 met...Kellogg
 Blackwell, Arlene Lucille, 38 mus.ed
 Kellogg
 Blaine, Marjorie Ruth, 38 jcBoise
 Blair, Albert Garrison, 36 me.Priest River
 Blake, Hazel, 37 edSt. Anthony
 Blake, John Keats, 38 jcOrofino
 Blake, Sumner Tuttle, 38 fMoscow
 Blake, Wheeler Frederick, 37 f...Moscow
 Blakely, Boyd Edward, STroy
 Blattner, Jack Fredrick, 37 jcKuna
 Blattner, Milton R., 38 jcKuna
 Blewett, Aaron Ellsworth, 38 ag..Culdesac
 Bodily, Elden, 37 agPreston
 Bodily, Glenn LeRoy, 38 agPreston
 Bodily, Howard Lynn, 35 agWhitney
 Bodwell, Philena Elizabeth, 38 jc
 Spokane, Wn.
 Bogar, Muriel Doris, 39 edDeary
 Bohman, Alice Viola, 36 nTroy
 Bohman, Willis Austin, 38 fTroy
 Bohrer, Grace Laverne, SWeiser
 Boies, William Peavey, 37 jcSandpoint
 Boies, Matha Irene, 38 jcMoscow
 Bolin, Donald William, G agMoscow
 Bolin, Margaret Knudson, GMoscow
 Bolton, Arthur Delbert, G SGooding
 Bond, Charles Henry, G SNaples
 Bonham, Earl David, G S....Renton,, Wn.
 Bonner, Sally Elizabeth, SLewiston
 Boomer, Evelyn Jean, 36 sPayette
 Boomer, Lois Margaret, S 37 ed...Payette
 Booth, Betty Ann, S 36 edKellogg
 Booth, Ida Mae, SKellogg
 Boothe, John Neff, G SWeston
 Boothroyd, Rachel Louise, 37 jc
 Enumclaw, Wn.
 Bopp, Earl Anthony, 36 edSandpoint
 Borden, Helen Melissa, G S.Spokane, Wn.
 Boren, Harriet Elizabeth, 37 jc..Lewiston
 Born, Howard Raymond, 37 jc
 Van Nuys, Cal.
 Borup, Philip Byron, 38 agPaul
 Borup, Theron William, 38 edPaul
 Bottinelli, Milam Francis, 36 ch...Kellogg
 Boughton, Eugene Vincent Jr., 38 jc
 Coeur d'Alene
 Bow, Lloyd Lamont, 38 jcBowmont
 Bow, Wilson Francis, 35 ceBowmont
 Bowdish, Avis, G SPierce
 Bowdish, Lynn Orville, 38 agOrofino
 Bowen, William Frederick, 36 med.Nampa
 Bowers, Floyd Edward, G S A ed
 Spokane, Wn.
 Bowker, John Paul, 38 edCurlew, Wn.
 Bowler, Aldrich Earnest, 37 ed ..Gooding
 Bowler, Merle Thomas, 38 f.....Orofino
 Bowler, William Bruce, 37 law....Gooding
 Bowman, Eugene William, S
 North Powder, Ore.
 Boyatt, Clyde Vernon, 36 law...Pocatello
 Boyce, Richard Ellis, 35 eeSt. Maries
 Boyd, Harold Robert, 35 aMoscow
 Boyle, Stanley M., G S A edVictor
 Boyle, William Dean, G S.....Preston
 Bozarth, Hannah Margaret, 35 ed.Culdesac
 Brackett, Mildred MacDougal, G S
 St. Maries
 Brado, Glenn Eugene, 36 fAberdeen
 Brady, Edward Lindquist, S
 Castle Dale, Utah
 Braham, Wilbur George, 36 med...Kellogg
 Bramblet, Everett Elden, 38 ee..Craigmont
 Brandt, John Harold, G S.....Cambridge
 Brar, Sarmukh Singh, 35 ee..Punjab, India
 Braxton, Mary Margaret, 38 jcBoise
 Breckenridge, Josephine Anna, 35 ed.Boise
 Brende, Anna Beatrice, 37 jc....Clarksfork
 Brewer, Robert Franklin, 37 ce...Wallace
 Brewer, William Franklin, 38 f
 Escondido, Cal.
 Brians, Rayburn Leslie, G SNampa
 Briggs, Ethel, 38 edTeton
 Briggs, Francis Ray, 39 edBuhl
 Brigham, Morton Roy, 38 fGenesee
 Brim, Raymond Garth, 38 jcBurley
 Brindell, Margaret Ellen, 37 jc
 Kennewick, Wn.
 Brindley, LaVerne Rohden, GMoscow
 Broadhead, Dean A., 38 agRupert
 Brodrecht, Helen Elizabeth, 38 jc
 Spokane, Wn.
 Brodrecht, Margaret May, 36 s
 Spokane, Wn.
 Broemeling, Rose Mary, 37 jcGenesee
 Bronson, Karl Lewis, 38 agBurley
 Brooks, Wilbur Conley, 38 jc..Seattle, Wn.
 Brosnan, John Stapleton, 37 jc....Moscow
 Brown, Charles Edward, 36 agBelmont
 Brown, Charles Gilbert, 36 f..Wapato, Wn.
 Brown, Clarence William, 37 f...Homedale
 Brown, Clifford Clarence, G S...Pocatello
 Brown, Donald Olvir, 35 edMoscow
 Brown, Dorothy Carolyn, 37 ed...McCall
 Brown, Edith Marie, 36 edHomedale
 Brown, Eva Jane, G SRathdrum
 Brown, Gary Talleur, G ag..Oakland, Cal.

- Brown, Lester Raymond, 36 b...Sandpoint
 Brown, Mary Ellen, 36 b...Twin Falls
 Brown, Stewart Edward, 35 f...Twin Falls
 Brown, William Eddy, 38 ag...Rexburg
 Brown, William Jacob, 38 jc...Marcus, Wn.
 Brubaker, Jerome Scott, 36 b...Payette
 Brubaker, Raymond Emmett, 38 jc...Payette
 Bruce, Russell Grimmitt, 38 f...Montpelier
 Brummund, Vere Philip, 39 f...Lewiston
 Bruns, Emery Lee, G S A ed...Wallace
 Brunzell, George M., 36 ee...Harbor City, Cal.
 Bucey, William Boyd, 39 min...Cleveland, Ohio
 Buchanan, Leah Tuttle, G...Moscow
 Buchanan, Thomas Stewart, 35 f...Morton, Wn.
 Buchanan, Walter Francis, 37 jc...Twin Falls
 Buckles, Bertha, S...Lewiston
 Buckles, Nellie Elaine, S...Lewiston
 Budge, Donald Morgan, 38 ee...Paris
 Budge, Hamer Harold, 36 law...Boise
 Budge, Newell Rayo, G S...Paris
 Budge, Walter Littleton, 38 jc...Boise
 Bue, Helen Bertha, 37 jc...Moscow
 Bue, Norval Kermit, 38 jc...Moscow
 Buell, Carl Monroe, 36 law...Calder
 Bulfinch, Kate Gardner, S...Fairfield
 Bullock, Earl Russell, 37 jc...Lewiston
 Bundy, Marcia Helen, G S...Bliss
 Bundy, Wilson Woodrow, 37 ag...Culdesac
 Bunker, Theresa, S...Twin Falls
 Burch, Delbert, S 36 med...Priest River
 Burke, Frederick Richard, 37 law...New Haven, Conn.
 Burkhard, James Robert, 38 jc...Bliss
 Burnam, Marjorie Alma, S...Grangeville
 Burnett, Donald Lee, 37 jc...Wallace
 Burnett, Hugh Benedict, 35 s...Newport, Wn.
 Burnett, Lois Lenore, S...Moscow
 Burnham, Lyman Pitkin, G S...Idaho Falls
 Burns, Franklin Edgar, 38 ch...Lewiston
 Burns, Marcella Ethel, 38 ed...Juliaetta
 Burr, Richard Douglass, 37 f...Cleveland, Ohio
 Burrows, Albert Warren, G S...Snoqualmie, Wn.
 Burstedt, Frank Peter, 36 ag...Challis
 Bury, Hedwig Kathryn, S...Hammett
 Butler, Glenn Lowe, 37 f...Eden
 Butler, Violet Black, S...American Falls
 Byington, Darrell Luraine, 37 ag...Lava Hot Springs
 Byrne, Maurice Edward, 36 ee...Lewiston
- C**
- Cable, Oscar Jacob Jonas, 38 ed...Rapid City, S. Dak.
 Cagle, Howard Hughling, 35 ag...Boise
 Call, Lola, S...Rigby
 Callahan, Eleanor Ardith, 38 jc...Moscow
 Callahan, Michael Byron, 36 s...Moscow
 Callaway, George Ross, 38 f...Lenexa, Kans.
 Calnon, Wilbur Francis, 37 ag...Meridian
 Cambel, Leopoldo Cabansag, 38 jc...Moscow
 Cameron, Edward Glen, S...St. Anthony
 Camm, Victor Nelson Lincoln, 38 jc...Harrison
 Campbell, Adam Joseph, 37 ee...Hammett
 Campbell, Carol Joy, 35 a...Rosalia, Wn.
 Campbell, Dan McCallum, 38 jc...Elk River
 Campbell, Duard Fred, 35 ag...Hammett
 Campbell, Fred William, 37 jc...Orofino
 Campbell, Helen Marjorie, 38 jc...Moscow
 Campbell, Ivan DeForrest, 37 ch...Emmett
 Campbell, Lionel Thaddeus, 37 law...Moscow
 Campbell, Oren Floyd, G S...Montpelier
 Campbell, Owen Chauncey, 37 met...Lewiston
 Campbell, Robert Bruce, 37 mus.ed...Spokane, Wn.
 Campbell, Walter Howard, 37 f...Pocatello
 Caparaso, Alessio Peter, 37 f...Waterbury, Conn.
 Card, Everett Day, 38 jc...Glenns Ferry
 Cardon, Royal Dahlstrom, 37 ag...Inkom
 Carls, Erwin William, 37 f...Pomona, Cal.
 Carlsen, Earl Wilford, 35 a...Pocatello
 Carlson, Alvina Cecelia, S 38 jc...Moscow
 Carlson, Evangeline Montgomery, 38 jc...Juneau, Alaska
 Carlson, Lillian Charlotte, S 35 a...Pocatello
 Carns, Vernon James, 38 ee...Caldwell
 Carpenter, John Bartley, 36 ag...Boise
 Carpenter, Robert Dickerson, 37 min...Salmon
 Carr, Dorothy Irene, 35 ed...Pocatello
 Carroll, George Mortimer, 38 ee...Mullan
 Carson, Mildred Madeline, 36 a...Moscow
 Carssow, Boyd Harley, 38 jc...Lewiston
 Carte, Samuel John, 38 f...Moscow
 Carte, Walter Howard, 36 s...Buhl
 Caruso, Jack Francis, 37 jc...Wallace
 Case, Ruby Mabel, 36 ed...Weston, Ore.
 Catlin, Robert Merle, 38 ee...Bonners Ferry
 Catmull, George Arbon, G S...Rupert
 Chadwick, Effie Marion, G S...Malad
 Chaffee, Elmer Fenn, 37 jc...Boise
 Challey, Charles John, G S...Lisbon, N. Dak.
 Chamberlain, Mildred Perry, G...Moscow
 Chamberlain, Dorothy Harriet, 35 h...White Bird
 Chamberlain, Nancy Bell, 36 ed...Boise
 Chambers, Robert Orin, 37 ee...Reubens
 Chance, James Clark, 38 f...Bonners Ferry
 Chandler, Ellen Dorothy, G S...Montour
 Chandler, Newell Bradford, 36 ce...Montour
 Chapman, Howard Robert, 36 ch...Rigby
 Chatfield, Crandall Fayette, 37 ag...Richfield
 Chatterton, William Chalon, 36 med...Boise
 Cheney, Thomas Edward, G S...Blackfoot
 Cherrington, Virgil Arthur, G...Moscow
 Cherrington, William Charles, 37 ed...Leon, Ia.
 Cherutti, Angelin, 36 b...Moscow
 Chester, Thomas James, 37 ag...Henry
 Chestnut, John Havre, 38 jc...Los Gatos, Cal.
 Childs, Clarence Eugene, 38 jc...Buhl
 Childs, Elizabeth Bromley, 38 jc...Huntington Park, Cal.
 Christensen, Carol Cooley, G S...Malad
 Christensen, John Modell, 38 g...Downey
 Chrystal, Francis Homer, 37 jc...Bovill
 Church, Marie Antoinette, S...New Plymouth
 Clark, Clayton, G S...Provo, Utah
 Clark, DeVon M., G S...Declo
 Clark, Ellsworth Marion, G S...Georgetown
 Clark, Gwyn Roueche, G S...Logan, Utah
 Clark, Richard Allen, 38 jc...Culdesac
 Clark, Wilford, G S...Logan, Utah
 Clark, Wilma, S...Farmington, Utah
 Clarke, Anita Catherine, 38 jc...Moscow
 Clarke, C Worth, 35 b...Pocatello
 Clarke, Stanley Caiaphus, G...Moscow
 Claypool, James Floyd, 36 ag...Jerome
 Clement, Catherine Fox, S...Weiser
 Clements, Robert Ellis Jr., 38 f...Conway, Ark.

- Clemons, Dale Darrel, 36 lawGooding
 Cleveland, Ethel Kathryn, 38 jc...Kooskia
 Click, Leo Ennis, G S A edLewiston
 Clough, Jean Emily, 37 lawWeiser
 Clouser, John Fisher, 37 gGooding
 Clubb, William Fred, 38 fMullan
 Coates, George Kenneth, 38 met...Bellevue
 Coats, Helen Elizabeth, 37 jc...Vale, Ore.
 Cobb, Frederic Bayley, 38 f.Beverly, Mass.
 Cobb, Melissa Darell, S.....Coeur d'Alene
 Cobbett, LaVerne Charles, 37 jc...Moscow
 Cochran, Earl Oliver, G SRoswell
 Cocking, Gretta, G SLewiston
 Coffin, Helen Marie, G SStar
 Cohen, Howard Russel, 37 ch.Passaic, N. J.
 Coiner, Gladys Ruth, 36 hTwin Falls
 Cole, Orby David, G S A ed ...Fruitland
 Colley, Everett Arthur, 38 jc ...Homedale
 Collins, Charles Thomas, 37 jc ...Reubens
 Collins, Frank Wilfred, 37 ee ...Reubens
 Collins, Marjorie Patricia, 35 a...Pocatello
 Compagnoni, Panfilo, 38 fSt. Maries
 Cone, William Homer, GMoscow
 Congdon, Mary Virginia, 37 jcBoise
 Congleton, Eunice Haskell, G S A ed
 Burley
 Conklin, Gene Louis, 37 jcRathdrum
 Connolly, William Thomas, 36 ee.Harrison
 Conquest, Jay Walter, 36 agBoise
 Conrad, Wilhelmina, G edNampa
 Consalus, Ina Carson, SPlummer
 Consalus, Marjorie Nan, S 38 ed.Plummer
 Conwell, Willard Irven, 36 b
 Costa Mesa, Cal.
 Cook, Ben Potter, SSouthwick
 Cook, Howard Loren, 36 s ..Coeur d'Alene
 Cooke, Earle Essex, SNampa
 Coon, Beckford Feddersen, 37 ag...Payette
 Coon, Ernest Theodore, 38 jc ...Rathdrum
 Cooper, John Warren, 37 edGooding
 Coopey, Raymond Waldemar, G S
 Corvallis, Ore.
 Coplen, Dorothy Jean, 38 ed ...St. Maries
 Coplen, Tyler Benjamin, 38 ch...St. Maries
 Coppin, Elmer Thomas, 37 ce
 Hankinson, N. Dak.
 Coppock, Claire Melissa, 38 edAthol
 Coppock, Laura Nell, 38 edAthol
 Corless, Howard Stewart, 38 ag ...Paul
 Corless, Robert Stewart, G SCuldesac
 Cornell, Lorna Jane, 35 aPocatello
 Coughlan, Glenn A., 36 a.Kemmerer, Wyo.
 Coulter, Emily Louise, G S.....Weiser
 Courtney, Arthur Baxter, 36 ch...Kellogg
 Courtney, Emma Pearl, 35 ed
 Coeur d'Alene
 Courtney, Richard Guernsey, 36 met.e
 Kellogg
 Coventry, Neil Milton, 38 jc.Coeur d'Alene
 Cox, Everett Lee, 38 ceGrangeville
 Cox, Lewis A., 37 edCraigmont
 Craig, Glenn Elmer, 36 chMoscow
 Craig, Maurice Henry, 38 ee.....Moscow
 Craig, Robert Leonard, G...Grafton, Nebr.
 Cramer, Margaret Jane, 37 edMoscow
 Crampton, Joe Hamilton, 38 jc...Lewiston
 Crandall, Betty, 37 jcIdaho Falls
 Crane, John Henford, 38 meOakley
 Craner, William Richard, G S...Sugar City
 Crapo, George Lavell, G S A ed...Parker
 Craven, Leavitt Homer, STwin Falls
 Crawford, Blaine Gordon, 38 ed...Plummer
 Crawford, Erma, S 35 ed P ed.Darlington
 Crawford, Ivan Charles Jr., 37 ce.Moscow
 Crawford, James William, 37 aBoise
 Crawford, Kenneth James, 36 f.Darlington
 Crawford, Leslie DeVere, G SParis
 Creaser, Helen Dorothy, 35 h....Roberts
 Creswell, Myrna Margaret, 37 ed.Emmett
 Criddle, Merdin Clyde, 38 ee...Idaho Falls
 Crisman, Gerald Wayne, 37 jcBoise
 Crombie, Richard Joseph, G a
 Spokane, Wn.
 Cromwell, John Frederic, 36 law..Gooding
 Crooks, Clyde Allen, 36 aBoise
 Cross, Kenneth Jacob, 38 f
 Moorefield, Nebr.
 Crossley, Ila, G SGrace
 Crouch, Ralph Wilson, 38 jc.Bonnors Ferry
 Crow, James Wesley, 37 jcGooding
 Crowe, Gerald Martin, 37 eeMoscow
 Crowe, John Hineckley, 36 ceBoise
 Crowley, Charles Raymond, 35 ch
 Idaho Falls
 Crowley, Delsa Vivian, 37 jc...Idaho Falls
 Crowley, Ralph, 36 edIdaho Falls
 Croy, Philip Allbaugh, 38 edCoolin
 Cruse, Lena Brussels, SEmmett
 Cuddy, Bess Teresa, 37 edBoise
 Cuddy, Margaret Elizabeth, G S...Boise
 Cummock, Davina Maxine, 37 jc...Weiser
 Cummock, John Charles, 38 jc.....Boise
 Cunningham, May Lattin, G S...Fairfield
 Cuioio, Alfred, 36 aPocatello
 Currier, Wilbur, 38 fLeola, S. Dok.
 Curtis, Ann, 37 edSandpoint
 Curtis, Mary Ada, 38 jcKuna
 Cushing, John Henry, 38 jcWeiser
 Cutler, Helen Elsie, 37 edEmmett
 Czechatowski, Adam William, 36 ee
 Gardner, Mass.
D
 Dahl, Arthur Ingemor, 35 ee.Coeur d'Alene
 Dahl, Elizabeth, S 36 mus.edPlummer
 Dahl, Zelya Mae, S 37 edDeary
 Dahlke, Gustav Albert Jr., 35 min
 Chicago, Ill.
 Dahlkey, Eugene George, G S...St. Maries
 Dailey, Anna Louise, 37 jc...Palouse, Wn.
 Daly, Elizabeth Cynthia, 35 edBuhl
 Daly, Jack Alois, 38 jcRupert
 Daly, John Haskell, 36 aBuhl
 Danielson, Fritz William, 35 met.e
 St. Maries
 Darby, Vos Carl, 37 jcPayette
 Darnall, John Aldren, G SDietrich
 Darlington, William Clark, 38 ag...Burley
 Dau, Anna Catherine, 35 edLewiston
 Daugherty, Virginia Alice, 38 jc...Reubens
 Daughs, Herman Cunningham, 37 f
 Princeton
 Davenport, Chesley Albert, G ed
 Flint, Mich.
 Davenport, Minnie A., G SCaldwell
 David, Franklin Connaughton, 36 med
 Moscow
 David, Homer Jr., 38 jcMoscow
 David, William Rufus Jr., S 35 ag
 Lascassas, Tenn.
 Davidson, George Merrill, 38 jc ...Kendrick
 Davidson, Gordon Fremont, 38 f....Stites
 Davidson, John Henry, 38 fDriggs
 Davies, Lois Elaine, S 36 edWallace
 Davis, Brennan Briggs, 35 f
 Bismarck, N. Dak.
 Davis, Edward Van, 35 lawAberdeen
 Davis, Grace S., SBonnors Ferry
 Davis, Harriet Eloise, S ...Spokane, Wn.
 Davis, Julie Pauline, 37 jcBoise
 Davis, Mary Abigail, 35 hBlackfoot
 Davis, Perry Edward, S 37 edBliss

- Davis, Tine, 38 jcMiami, Fla.
 Davison, Elmer Edgar, GMoscow
 Dawson, Doris Helen, 38 jcBurley
 Day, Alfred Bertram, 35 eeIdaho City
 Day, Herbert Alfred, 38 agMontour
 Day, Samuel Sherwood Jr., 38 jc
 New Haven, Conn.
 Dayley, Kendall Earl, 37 agFiler
 Dayton, Wendell Leo, 36 sArco
 Deacon, Robert Richardson, 37 law
 Pocatello
 Dean, Clara Bessie, G SFort Dodge, Ia.
 Dean, George W., 37 bEmmett
 Dean, Joseph Rodney, 38 jcRexburg
 Dean, Kenneth Franklyn, G SWeippe
 Dean, Mary Alice Shearman, SMoscow
 Deane, Darrell Dwight, 38 ag
 Anacortes, Wn.
 DeAtley, Albert Delvin, 37 bLewiston
 DeBeaumont, Dare C., G. S.Spirit Lake
 Decker, Darold Benjamin, 38 jc.Post Falls
 Decker, George Wendell, 38 eeKooskia
 Decker, Ivan Cornelius, 36 fPocatello
 Decker, John Peter, 38 fMoscow
 Delana, Marion Estelle, 37 jcBoise
 Dellinger, Gerald Ray, 36 edJerome
 Delo, Harry Frank, 37 meMelba
 Delo, John Jacob, 37 bMoscow
 Delo, Mary Helen, 35 edMelba
 DeMars, Harold Victor, 37 jcWallace
 DeMoss, J. Darrel, 38 fJerome
 Dempsey, Frances Louisa, G SSalmon
 Dempsey, Mildred Shively, 36 edSalmon
 Dempsey, Paul Franklin, 35 edSalmon
 Denton, Louis Martindale, 37 ed.Kimberly
 DePaolo, Michael Daniel, S 37 me
 Deer Park, Wn.
 Derr, Iva Beatrice, SDeer Park, Wn.
 Devlin, Clarence William, 37 ed
 Mountain Home
 Dewey, Dorothy Irene, G SMoscow
 DeWinter, Adrian Gerard, 38 jcMoscow
 DeWinter, Lillian Eberdene, G S G ed
 Moscow
 Dick, Kenneth Andrew, G aMoscow
 Dickerson, Charles Carroll, S 35 s
 St. Anthony
 Dickerson, Lydia Bauer, sp jc.St. Anthony
 Dickinson, Lola Mae, 38 edReubens
 Dickinson, Virgil Maurice, 38 jcReubens
 Dickson, Donald Franklin, 37 fRupert
 Dierken, Richard Henry, 37 f
 Milwaukee, Wis.
 Diethelm, Alta Mae, 38 edMoscow
 Dietz, Herman Beattie, 37 jcBoise
 Dillon, Bessie, G SAddie
 Dimock, Donald Ellis, 37 f
 National City, Cal.
 Dinnison, Walter Leon, 38 jcPierce
 Dissmore, Charles Harry, 38 edLewiston
 Dissmore, Chester Harper, 38 jcKamiah
 Dixon, Gordon A., G SNampa
 Doane, Emery David, G SGrangeville
 Doane, Emma Minton, G SGrangeville
 Dobbs, Evert Allen, 36 eeNampa
 Dodds, Addison Wiley, 38 jcKimberly
 Dodge, Viah Dancy, SCavendish
 Dole, Dorothy Perkins, S 36 aLewiston
 Dollard, Ellen Lucille, 37 jcBoise
 Dolphin, Alma Laura, SEmmett
 Donahey, Tracy McClure, 35 ag
 West Brownsville, Pa.
 Donley, Richard Warren, 38 ee.Grimes Pass
 Dotson, Charles Crawford, 35 me
 New Plymouth
 Dotson, Dorothy, 37 jcNew Plymouth
 Doucette, Charles Robert, 35 eeKellogg
 Douglas, John Franklin, 36 f
 Gilby, N. Dak.
 Doupe, Woodrow William, 38 fDeSmet
 Doyle, Norman William, 37 fWallace
 Drake, Frances Grace, 37 a.Bonniers Ferry
 Dressen, Harold Vincent, 38 fPayette
 Dretke, Arthur William, 38 edPlummer
 Drew, Cyrus John, 37 medWallace
 Driskill, Vernon, 38 edMoscow
 Druding Marjorie, 35 aWallace
 Dudley, Robert Erle, 38 jcKellogg
 Duffin, Laurence H., 38 jcRupert
 Dummer, William O'leen, G SSugar City
 Dunagan, Thomas Patrick, 39 jcWilder
 Duncan, Robert Cree, 38 chNezperce
 Dundin, Thomas Lawrence, 37 f
 Hartford, Conn.
 Dunham, Harriet Foote, 37 aBoise
 Dunkle, Jean Eleanor, 38 jcKellogg
 Dunn, Alfred Charles, 36 aTwin Falls
 Dunn, Lewis Brady, 35 edLogan, Utah
 Dunn, Marceline Chrisman, 38 ed
 Montpelier
 Durham, Ora Lucille, 36 bGooding
 Durette, Anne Paunie, G SBuhl
 Duvall, Everett Wellman, 38 f
 Creston, Wn.
 Dyer, Jack Newton, 37 jcGrangeville
 Dyre, Elizabeth Julianna, SBoise
- E**
- Eames, Donna, 36 edPreston
 Eames, John Wesley, SRigby
 Eastburn, Maxine Helen, 38 edMoscow
 Easterly, Warren Merl, 38 ceJerome
 Ebel, Sister Mary Angela, SMoscow
 Ebert, Robert Beatty, 38 jc
 Bremerton, Wn.
 Echternach, Eleanor Louise, 36 a.Lewiston
 Echternach, Mary Margaret, 36 a.Lewiston
 Eddington, Elmer Dalling, 38 f.Sugar City
 Eddington, William Dale, 35 ee.Sugar City
 Edelblute, Arthur, SRathdrum
 Edelblute, Walter Glenn, 37 eeRathdrum
 Edin, Ralph James, 38 fPine City, Minn.
 Edlefsen, Clisby Thatcher, G S A ed.Boise
 Edmonds, Marabel, 37 jcCoeur d'Alene
 Edwards, Milton Bromley, 35 f
 San Francisco, Cal.
 Egbers, Martha Ellen, 38 jc.Coeur d'Alene
 Eggert, Ruth Louise, 38 jc.Spokane, Wn.
 Eimers, Dorothy Wilson, SMoscow
 Eimers, June Gareth, SGrangeville
 Eisinger, Elsa Suzanna, G SMoscow
 Eisinger, Neva Johanna, 38 edMoscow
 Eldredge, Frances, 38 jcCarey
 Eldridge, Hugh Wallace, 36 aMoscow
 Elledge, Paul C., 38 fLava Hot Springs
 Ellerson, John Elmer, 37 agBoise
 Ellingson, Harold Victor, S 35 s
 St. Anthony
 Elliott, Irene, GTopeka, Kan.
 Elliott, Jessie Dorothy, 38 jcBoise
 Elliott, Mildred Florine, 37 ed
 Spokane, Wn.
 Ellis, Guy Tom, 38 minSt. Maries
 Emahiser, Jack Walter, 36 edMoscow
 Emery, Kathryn Louise, 38 jcKendrick
 Engberg, Ruth Bergin, G STroy
 Engen, Harold C., 36 edCoeur d'Alene
 English, James Cyril, 38 jcWallace
 Enking, Clemens Harrod, G SGooding
 Ennis, Paul Byrne, 38 mus.edPocatello
 Ensign, Frederick Gibbs, 38 jcBoise
 Ensign, Lewis Plank, 36 aBoise

- Equals, Dorothy Inez, 36 edPayette
 Erickson, Fern Vaverly, 37 edGenesee
 Erickson, Glen Howard, 38 edGenesee
 Erickson, Linne, 37 cePocatello
 Erickson, Maurice Edwin, G edSpokane, Wn.
 Erickson, Ruth Eunice Maria, S 37 edTroy
 Erikson, Boyd Essington, 37 ed....Genesee
 Eshom, Dorothy Lorraine, 38 jc....Moscow
 Esmay, Carle Howard, 38 jc....St. Maries
 Esmay, Doris Wunderlich, 38 jc..St. Maries
 Esmay, Kenneth Eugene, 38 jc..St. Maries
 Espe, Patricia Napina, 36 edBurley
 Espe, Vola-Claire, 38 jcBurley
 Eubanks, Wayne Thomas, 38 ed..Bowmont
 Evans, Arthur, 35 ce....Trail, B. C., Can.
 Evans, Beverly Sue, 35 a....Ogden, Utah
 Evans, Clifford Curtiss, S 36 ed....Pingree
 Evans, David Lloyd, 36 bMalad
 Evans, David Wesley, 36 b..Scranton, Pa.
 Evans, Earl Orvid, 38 agMalad
 Evans, George Brown, 38 ag....Twin Falls
 Evans, Gertrude Anne, SMoscow
 Evans, Harold James, SRathdrum
 Evans, Jerome, 38 f....Lava Hot Springs
 Evans, Jessie Ruth, 36 agWeiser
 Evans, Katherine C., SMurtaugh
 Evans, Merrill Curtis, SArimo
 Evans, Myrthus Wesley, G S....Rexburg
 Evans, Olwyn Mary G edWeiser
 Evans, Rhoda Louise, G aMoscow
 Everest, Hiram Augustus, 38 ce..Grangeville
 Everett, Wayne Charles, 38 fEagle
 Ewasen, Millicent, 37 edMoscow
 Ewasen, Olga, G edMoscow
 Ewing, Ledith Mary, SSandpoint
 Exleton, Bernice Evelyn, 38 jc ..Moscow
 Exleton, Eileen, 38 jcMoscow
 Exleton, Lula Moore, G S A ed..Moscow
- F**
- Fairbairn, Phyllis Adel, 38 jcWeiser
 Fairbanks, Franklin Brooks, 36 ed..Driggs
 Fairweather, Irving McCullough, 35 bWallace
 Fales, Clarence Henry, G SGooding
 Farber, Frank, 38 ceMoscow
 Farber, Gretchen Louise, 38 jcMoscow
 Farley, Ruth Frances, 36 aCabarton
 Farmer, Helen Marguerite, 36 b..Pocatello
 Farmer, May Parks, GMoscow
 Fattu, Mary Dorothy, 37 edKellogg
 Faulkner, Carolyn Louise, 38 ed..Moscow
 Faulkner, Willard, 38 chMoscow
 Fawcett, Wilbert Davis, 38 fBrookville, Pa.
 Featherstone, Marion, GPullman, Wn
 Featherstone, William Hall, 37 jc..Wallace
 Fehr, Norman Eric, 38 eeLewiston
 Felt, William Mark, 37 lawTwin Falls
 Felton, Robert Theodore, 36 edLewiston
 Felton, Thomas High, 37 lawLewiston
 Fenton, Grace Ellen, 36 ce..Horseshoe Bend
 Ferguson, Leone, 38 edBoise
 Ferguson, Mary, 37 jcSalmon
 Ferney, Ruth, 36 aSt. Anthony
 Pickes, Earl Maurice, 35 fBoise
 Pickes, Karl M., 37 fBoise
 Finch, Robert Clearance, 37 edSoda Springs
 Finklea, Richard Malcolm, 38 jc....Boise
 Fisch, Cecil Ernest, G S A edLong View, Wn.
 Fischer, Dorothy Olive, SLewiston
 Fisher, Alice Irene, 38 edPost Falls
- Fisher, Beatrice Jane, 37 edWeiser
 Fisher, Betty Jean, S 35 mus.edCoeur d'Alene
 Fisher, Harold Lionel, 37 lawWeiser
 Fisher, James Homer, 38 jc....Idaho Falls
 Fisher, Merle Clinton, 37 ed..Sequim, Wn.
 Fisher, Wilma, 37 hWeiser
 Fitzgerald, Kenneth, 38 fPeola, Wn.
 Fitzpatrick, George Albert, 35 agIdaho Falls
 Flack, Damon Milton, G SMeridian
 Flack, Helen Rebecca, SMeridian
 Flansburg, Harvey Oscar, G SSpokane, Wn.
 Fleiger, Earl, 38 jcMoscow
 Fleming, Darwin Lee, 38 fSt. Maries
 Fleming, June Elizabeth, 37 hBoise
 Flenner, Esther Regina, 37 edBoise
 Flink, Marjorie Eleanor, 38 jc....Wallace
 Flint, Weldon Collins, S 36 medCottonwood
 Floyd, Lloyd Ivan, 36 chLewiston
 Flynn, Mary Loretta, SNampa
 Fogarty, Jerry Joseph, 36 edWilsall, Mont.
 Fogle, James Gerald, 36 ceMoscow
 Fogle, John Leslie, 38 fMoscow
 Foote, Gerald Perry, 38 fDevils Lake, N. Dak.
 Ford, Frank Robert, 35 b....Spokane, Wn.
 Ford, John Donald, 38 jcNew Haven, Conn.
 Ford, Ruth, G SMalad
 Fore, Orlando, 36 fPocatello
 Forkner, Fervid Viola, 37 jc....Moscow
 Forrey, Vida Rose, 38 jc..Soap Lake, Wn.
 Foss, Sadie, 38 jcPreston
 Foster, Eva Elizabeth, SHarrison
 Fourt, David Leslie, G agBoise
 Fowler, Jim Vernon, G SEagle
 Fowler, Leroy Chestney, G SWendell
 Fowler, Ralph Marion, 38 fMoscow
 Fowler, Virginia Marion, 38 ed ...Driggs
 Fox, Madge E., G aTwin Falls
 Fox, Richard Anthony, G S G ed..Moscow
 Frazier, Conrad Orville, 35 aSandpoint
 Frazier, Elodease Agnes, 38 jc....Moscow
 Frazier, Leland Jr., 38 jcBurley
 Frazier, Lorene Carol, 38 jcMoscow
 Frederic, Gordon Lowell, 38 chCoeur d'Alene
 Frederic, Helen Louise, 35 h..Coeur d'Alene
 Freece, Herbert John, 35 f....Yakima, Wn.
 Freehafer, Rose Ethel, 38 jcCouncil
 Freeman, Charles Eugene, 37 jc ...McCall
 Freeman, Gertrude Vantine, SSoda Springs
 Freeman, Keith Leonard, 38 ee ...Kamiah
 Freer, Ross Vooris, SBurley
 Freer, Seth Temple, G SBoise
 Frey, Robert, 37 fLodi, Cal.
 Fricke, Edwin Francis, 35 sRupert
 Fridley, Don Emerson, G SOrofino
 Friend, Gail Elizabeth, 37 edMoscow
 Frisch, Lawrence Vaughan, 35 me..Lewiston
 Fritz, John Leonard, 38 fKellogg
 Froisness, Hilda Thelma, S..Coeur d'Alene
 Fry, Wilfred Washington II, 37 jcProsser, Wn.
 Frye, Jack Douglas, 38 jcWeiser
 Fuller, John Paul, 37 jcSprague River, Ore.
 Fulton, Marybelle, S 36 aMoscow
 Furchner, Thomas Carl, 38 jc....Blackfoot
 Furchner, William Howard, sp lawBlackfoot

G

- Gabbey, Leila, S Boise
 Gabby, Charles Elliott Jr., 38 jc...Moscow
 Gabby, Stella Maxine, 37 mus.ed...Moscow
 Gaby, Lewis Philip, 38 jc Kellogg
 Gaffney, Leonard Gillman, 36 b....Weippe
 Gage, Guy Glen, 36 ce Auburn, Nebr.
 Gagon, George F. Jr., 36 ce....Idaho Falls
 Gail, Harold Telford, 36 ed Moscow
 Gail, Floyd Whitney, G..... Moscow
 Gaines, Xerpha Mae, S..... Pullman, Wn.
 Galbraith, Marlin C., 37 f Thornton
 Gamble, Perry Clay, 38 ed Greer
 Gannon, Wendell, 38 ag Buhl
 Gardner, Bertrand Royal, G S
 Salt Lake City, Utah
 Gardner, Genevieve Ruth, 35 ed...Moscow
 Gardner, Grace Isabel, 38 ed Moscow
 Gardner, Robert Bruce, 36 ag Gooding
 Gardner, Vosburgh Vince, 37 me.Moscow
 Garets, Wallace Earl, 38 mus.ed Grangeville
 Garrard, Hyrum Grady, G S Malad
 Garrett, Samuel Bond, 36 s Pocatello
 Garrison, Charles Louis, 37 ee.Nyssa, Ore.
 Gascoigne, Emily Ruith, 37 ed.Seattle, Wn.
 Gaskill, John Leonard, 38 jc Burley
 Gauss, Joseph Henry, 37 me Moscow
 Gauss, William Henry, 36 me Moscow
 Geddes, Barbara, 37 h Winchester
 Gehrke, Ethel Pauline, 38 jc Moscow
 Gehrke, Gertrude Grace, 37 mus.ed.Moscow
 Gehrke, Maybelle Marie, G S Moscow
 Gentry, Hazel Florence, S 36 b...Wallace
 Gentry, Lois Christine, 38 ed...Cottonwood
 Geraghty, Cyril Lawrence, 35 b.Sandpoint
 Geraghty, Wallace Norbert, 36 b
 Spokane, Wn.
 Gerlach, Max George, 38 ag Payette
 Gerry, Madaline Margaret, 38 jc.Rathdrum
 Gessel, Henry Brandt, 38 ch.Spokane, Wn.
 Geyer, Virginia May, S.....Blackfoot
 Gibbs, Beatrice Ellen, 37 ed Moscow
 Gibbs, Cecilia Maria, 37 jc Moscow
 Gibbs, James Paul, 38 me Lewiston
 Gible, Clarence Henry, S Kamiah
 Gibson, Frank Chester, 36 med...Potlatch
 Gibson, Isabel Victoria, 35 h
 Victoria, B. C., Can.
 Gibson, Marjorie Dale, 37 jc Lewiston
 Giese, Alfred E., 37 b Juliaetta
 Gifford, Arthur Lamont, S...Idaho Falls
 Gigray, William Franklin Jr., 38 jc Caldwell
 Gilgan, Joseph James Jr., 35 ee Boise
 Gill, James Otis, 38 jc Atlanta, Ga.
 Gill, Weldon, 38 ee Weston
 Gillett, Laurence A. Jr., 38 ag....Declo
 Gillette, Leslie Howard, 37 ee...Lewiston
 Ginder, Marian Isabel, S 35 ed...Moscow
 Ginther, Alice, S Lebanon, Ore.
 Givens, Bill L., 38 ch Nampa
 Gjelde, Paul Severt, 38 ee Kootenai
 Glasner, Charles H., G S A ed...Acequia
 Gledhill, Ora Mae, G S...Richfield, Utah
 Glenn, Marjorie Ellen, 38 jc Hailey
 Gnaedinger, Gertrude Dyke, 38 jc.Wallace
 Goemmer, Robert Alvie, 38 ag Jerome
 Goenne, Frederick William, 36 f
 Davenport, Ia.
 Goetz, Louis Paul, 37 ee Shelley
 Goldsmith, Howard Fulton Jr., 36 b
 Pocatello
 Good, Nimrod, G S Rigby
 Goode, Dorothy Virginia, S 35 ed...Filer
 Gooding, John Ailshie, 37 ed Gooding
 Goodsell, Inez, S Weston
 Goodsell, Lee Wilson, 38 ag Weston
 Goodsell, Lynn Alfred, 38 ag Weston
 Goodsell, Orval Eugene, S 35 ag...Weston
 Goodsell, Wylie Daniel, G S Weston
 Goodwin, Betty Lenore, S 36 ed...Harrison
 Goodwin, Kathleen Mary, 35 h Boise
 Gorton, Grace Louise, G S Lewiston
 Gosling, Kenneth Reginald, 37 f Mineola, N. Y.
 Goss, William Winston, 37 jc Kellogg
 Gossett, Vernon Orlin, 38 jc Moscow
 Gould, Virgil Adelbert, 37 f Buhl
 Gove, Eldene Marie, 37 ed Buhl
 Grabner, Floren Alden, G S A ed Winchester
 Grabner, Kenneth McCoy, G S A ed New Plymouth
 Grabner, Wayne Elroy, 38 ag New Plymouth
 Graham, Kathryn Jean, 37 jc Peck
 Graham, Marian Eloise, 36 b...Twin Falls
 Gralow, Bruce Barr, 37 ch Boise
 Gralow, James Jeremiah, 38 me Boise
 Granville, Robert Richey, 38 jc...Mullan
 Granville, Virginia Ware, 38 jc Mullan
 Gray, Ethel Holman, S Twin Falls
 Gray, Gladys, S Grace
 Gray, Jack Burton, S 35 b Twin Falls
 Gray, Roy Brockway, 37 jc Twin Falls
 Gray, Winton Schoonmaker, 38 ed...Buhl
 Greathouse, Cecil Roscoe, 36 ed...Boise
 Greco, Verneldo A., 36 f Burley
 Green, Dorothy Naomi, G ed Troy
 Green, Leon Grant, 37 ed McCammon
 Green, Merrill, 36 b Moscow
 Greene, Marjorie McNaughton, G S G ed
 Moscow
 Greene, Mary Louise, 35 h Eagle
 Greene, Olen Dean, 38 ed...Glendale, Cal
 Greene, Robert Fulton, G ed Moscow
 Greenough, Richard McDonald, 38 jc
 Spokane, Wn.
 Greer, Hazel Corinne, S.....Lewiston
 Greer, Joseph Hugh, 37 ee....Potlatch
 Gridley, James Huntington, 38 me Coeur d'Alene
 Grieve, John Leon, 38 min....Dietrich
 Gripton, David LaMonte, 38 min Smith Center, Kan.
 Groom, Jack I., 35 f....Walla Walla, Wn.
 Groome, Margaret Aileen, 37 ed Twin Falls
 Groseclose, Blondell Eugene, 38 ed Moscow
 Grove, Carl E., G S.....Notus
 Grove, Emery Virl, 37 me.Deer Park, Wn.
 Grove, Gilbert Chester, 38 ee.Priest River
 Grover, Iola Marie, 36 ed....Fruitland
 Grover, Lucile, S.....Rexburg
 Grover, Milton Call, G S.....Rigby
 Groves, Bruce Vernon, 36 f....Moscow
 Groves, Patricia Elizabeth, 38 jc
 San Leandro, Cal.
 Gudmundsen, Dick D., 38 jc....Burley
 Guenther, Robert Douglas, 39 jc Walla Walla, Wn.
 Guernsey, Aleck Wilson, sp a....Moscow
 Guimond, John William, 38 f Coeur d'Alene
 Gunnarson, Bertil John, G f.....Firth
 Guthrie, William Waymon, 37 ag...Emmett
 Guy, James Douglas Carmichael Jr., 37 ee Sandpoint
 Gwilliam, Franklin D., 38 ed....Weiser

H

- Haasch, Donald Ernest, 36 ee...Twin Falls
 Haasch, Marie, 38 jc.....Twin Falls

- Haberly, Anne Henrietta, G S.....Ashton
 Haddock, Grove M., G S.....Bloomington
 Hafterson, Harold Donald, 35 ce.....Lane
 Hagelin, Evelyn Sara, G S
 Salt Lake City, Utah
 Hagen, Arthur Chris, S 35 ee
 Valley Stream, N. Y.
 Hagen, Jack Ingval, 38 me...Coeur d'Alene
 Hager, Dan George, S.....Moscow
 Hager, Reuben W., 36 ed.....Moscow
 Haggardt, Dean Charles, 39 jc...Kimberly
 Hale, Preston Quincy, 36 ed.....Boise
 Hall, Albert John, 36 ce.....Moscow
 Hall, Charles Leness, 36 ag.....Lewiston
 Hall, Charles Woodrow, 37 ed.....Moscow
 Hall, Richard Chase, 38 jc...Coeur d'Alene
 Hall, Rose Gladys, 36 h.....Moscow
 Hall, Russell Charles, 35 ag.....Filer
 Hall, Samuel Junior, 38 jc.....Rexburg
 Hall, Stanley Rowland, 35 me...Winchester
 Hall, Willis, 38 ag.....Lewiston, Utah
 Hallberg, Clarence Oscar, 38 ed...Blackfoot
 Haller, Helene Katharine, S....St. Maries
 Haller, Robert Blum, 35 ch...Twin Falls
 Haller, Ruth Marie, 37 jc.....Twin Falls
 Halllett, Noel Lyman, 38 f.....Council
 Hallstrom, Walein Estes, 37 jc.....Boise
 Halm, Samuel, 36 b.....Honolulu, Hawaii
 Hamacher, Mary Elizabeth, S 37 mus ed
 Spirit Lake
 Hamilton, Irene, S.....Sugar City
 Hamilton, Lloyd A., 38 jc.....Sugar City
 Hamilton, Oliver Bragdon, 38 ee.....Boise
 Hamm, Floyd Scott, 38 f...Lake View, Ia.
 Hamm, Harley Herbert, 36 f
 Lake View, Ia.
 Hammer, Frances Marie, S.....Pocatello
 Hammerand, Veral Franklin, 35 g P s
 Harlan, Ia.
 Hampf, Frederick Eugene, 37 f
 Garfield, N. J.
 Hampton, Wayne Wendell, 36 ed...Genesee
 Hancock, Wayne Charles, 35 b.....Buhl
 Handy, George Harmon, 38 jc...Kellogg
 Hanford, Ray Edwin, 36 med.....Boise
 Hanks, Ida May, G S.....Nampa
 Hannah, James John, 36 b.....Orofino
 Hannah, Margery Elizabeth, G S...Orofino
 Hansen, Cleora, S.....Shelley
 Hansen, Hallie Maxine, 35 ed.....Boise
 Hansen, Jack C., 38 f.....Yakima, Wn.
 Hansen, Margaret Blanche, 38 jc
 Coeur d'Alene
 Hansen, Robert Tuttle, 38 ed.....Kellogg
 Hansen, Rodney Alton, 36 ag.....Shelley
 Hansen, Ruel Martin, 38 ag.....Shelley
 Hanson, Ethel Margaret, 35 ed...Pocatello
 Hanson, Inez Christine, S.....Worley
 Hanson, Swen, 38 f.....Ione, Wn.
 Hardison, Felix Moses, 37 g.....Wallace
 Hardman, Louida Orene, S 38 ed...Peck
 Hargraves, Eugene Russel, 35 b...Inkom
 Harlan, Thelma Hart, S.....Richfield
 Harlan, William Lucas, G S.....Richfield
 Harland, Raymond Virgil Jr., 37 ee...Troy
 Harman, Everett Eugene, 38 f...Wendell
 Harman, Vivienne Helene, G S....Jerome
 Harmon, Dorothy Mary, 38 jc.....Boise
 Harnar, Frederick Lewis, 36 f
 Warren, Ohio
 Haroldsen, Earl Eugene, 35 ee
 Idaho Falls
 Harper, Wayne Frederick, 35 ag...Emmett
 Harrigan, Gwendolyn Elizabeth, 38 jc
 Avery
 Harrington, John Daniel, 37 ee...Moscow
 Harris, Elwin McGee, 38 f.....Driggs
 Harris, Hazel Marie, G S.....Kamiah
 Harris, Ilah Pearl, S.....Grangeville
 Harris, Jack DeWitt, 38 jc.....Kellogg
 Harris, LeRoy Clement, S.....Wallace
 Harris, Martell Bell, 35 ch...Sugar City
 Harris, Myrle Eileen, 38 jc.....Plummer
 Harris, Raymond Kenoyer, G S...Genesee
 Harris, Robert Howard, G ch...Sandpoint
 Harris, Robert Winston, 36 ed...Plummer
 Harris, Ross Cole, 36 b.....Rexburg
 Harrison, Dorothy Rae, 38 ed...Sugar City
 Hart, Adelbert William, S...Logan, Utah
 Hart, Claude, 38 jc.....Sandpoint
 Hart, Dorothy LeBelle, 38 jc...Moscow
 Hart, Marcus Fielding, S.....Preston
 Hart, Miriam Edith, 38 jc.....Buhl
 Hartley, Howard Leighton, 37 ag...Payette
 Hartley, Mary Edna, 35 b.....Payette
 Harvey, Aretha Lillian, S.....Kamiah
 Harvey, George Orestus, 36 ed...Kamiah
 Harvey, Omer Jesse, 38 f.....Kamiah
 Hassen, John Frederick, 38 f.....Boise
 Hatfield, Betty, 36 b.....Moscow
 Hatfield, Juanita Rae, 38 ed
 American Falls
 Hatrup, Pauline Terhaar, 37 jc...Moscow
 Hauck, Bertha Louise, G S.....Moscow
 Hauck, Forrest Robert, 35 ed...Montpelier
 Hauck, William Jacob, 36 ee
 American Falls
 Hawk, Milan Elven, G S.....Shelley
 Hawk, William, 36 ch.....Spokane, Wn.
 Hawkes, Mary Edna, G S
 Hood River, Ore.
 Hawkins, Sheldon Andrew, G S
 Elk River
 Hayden, Elmer Byron, 38 ee...Aberdeen
 Hayden, John Francis, 35 b.....Genesee
 Hayes, Earl Thomas, 35 met. e...Mullan
 Haynes, Helen, 36 ed.....Moscow
 Hays, Robert Chase, 38 ag...Coeur d'Alene
 Hays, Glen LaValley, G s.....Moscow
 Hays, John Fred, 36 f.....Nampa
 Hays, Monroe Ward, 37 ag.....Filer
 Heady, Harold Franklin, 38 f.....Buhl
 Healy, Virginia Mary, 38 jc...Spokane, Wn
 Heaney, Samuel James, 38 f.....Sterling
 Heap, Morgan Griffin, 38 ce...Twin Falls
 Hearn, Roderick Willson, 38 jc...Potlatch
 Heath, Florence Cunningham, G ed
 Moscow
 Heath, Frances Elizabeth, 38 jc
 Garfield, Wn.
 Heckathorn, Mary Ellen, G ed...Moscow
 Heger, John William Herbert, S 35 s
 Moscow
 Hegsted, David Mark, 36 ag...Rexburg
 Heidel, Earl George, G S A ed...Buhl
 Heiner, Helen Ruth, 38 ed...Sandpoint
 Heinzerling, Jack Milton, 36 ed...Culdesac
 Heist, Mary Evelyn, 36 h.....Shoshone
 Heller, David Otto Jr., 38 jc...Gooding
 Helm, Virginia Grace, 38 jc.....Boise
 Henderson, George Miles, 36 ed...Lewiston
 Henderson, Minnie Eleanor, 38 ed...Boise
 Hendricks, Grover Albert, 38 jc...Rexburg
 Hendricks, Lula McLane, 35 ed...Ashton
 Henggeler, John Alfred, 36 b...Payette
 Henley, Dwight Lowell, 37 ag...Aberdeen
 Hensley, Clyde Rolland, 37 jc...Orofino
 Herman, Robert Alexander, 36 b
 Spokane, Wn
 Herndon, Joe Warren, 37 jc...Salmon
 Herrick, Don Henry, G.....Moscow
 Herrick, Dorsey Coit, 38 ag...Alpha
 Herrick, Robert Condit, 35 b...Wallace

- Hersey, Elaine Constance, 35 ed..Lenore
 Hersey, Ronald Bruce, 37 jc.....Lenore
 Hesse, Howard Henry, 37 ce..Pomona, Cal.
 Hester, Charles Joseph, 37 jc....Lewiston
 Hester, Peggy Evelyn, 38 jc....Lewiston
 Hetzler, John Lewis, 37 ed
 Tippecanoe City, Ohio
 Hiaring, Philip Carleton, 36 a.....Nampa
 Hietala, Eino Emmanuel, 38 me..Kingston
 Higgins, Frank Martin, 36 b.....Moscow
 Higgins, Frank Raymond, 38 jc..Winona
 Higginson, Leland Cyril, 37 f.....Hatch
 Hill, Frank Richard, 35 ed.....Moscow
 Hill, John James, 38 f.....Mullan
 Hill, Kenneth Lawson, 39 min.....Sweet
 Hill, Lillian Berniece, 38 ed.....Moscow
 Hill, Wayne R., 36 b.....Moscow
 Hill, Wynne J., 38 ed.....Moscow
 Hillman, Gordon John, 38 ee.....Boise
 Himes, Mildred Louise, 36 h....Post Falls
 Hinchliff, Paul, G S.....Roberts
 Hintze, Vaughn Orval, 36 ag.....Mackay
 Hirschler, Philip Sheridan, S.....Rupert
 Hirvas, Hazel Mary, S....Clarkston, Wn.
 Hites, Vivian Elaine, 38 ed..Palouse, Wn.
 Hixon, Vernon Marion, 35 ed....Weiser
 Hoback, William Gail, 35 s P....Moscow
 Hobbs, Morgan Forbes, 36 f
 Millwood, Wn.
 Hodge, Dorothy Mildred, 37 mus ed
 Moscow
 Hodgson, Grant Baker, 37 me...Newdale
 Hoebel, Ada Marcia, 38 jc.....Arcc
 Hoffman, Aldon Mellroy, 35 a...Moscow
 Hoffman, Dwight Spear, 37 ch....Leland
 Hoffman, Edward Garey, 36 med..Moscow
 Hofmann, Maxine Myra, 35 h....Moscow
 Hogaboam, Gilbert Porter, 37 ag.Culdesac
 Hogaboam, Hubert Merrill, 38 f...Lapwai
 Hoggenson, Beatrice Lucy, G S
 Logan, Utah
 Hogue, Wilbur Owings, 35 a G a..Burley
 Hohnhorst, Dorothy Margaret, 37 jc
 Hazelton
 Hoidal, Clarence Raymond, 35 ce ...Troy
 Hoisington, Carl Wallace, G S A
 Pendleton, Ore.
 Hoisington, Helen Marie, S....St. Maries
 Greenway, Gordon Harry, 38 f....Parma
 Hokanson, Edward William, 38 ce
 Spokane, Wn.
 Holbrook, Sumner, 38 ag.....Ola
 Holland, Yale B., 35 ag.....Shelley
 Hollinger, Harvey Carl, 36 ag.....Paul
 Hollinger, Melvin Warren, 38 ag....Paul
 Hollingsworth, Melvin, 38 me..St. Maries
 Hollingsworth, Wellington Ervin, 37 f
 Terre Haute, Ind.
 Holmes, Dolores Elizabeth, G S A...Buhl
 Holmes, Donald Clifford, 35 ed.....Peck
 Holmes, Leslie Harold, 36 ed.....Nampa
 Holt, Daryle Camille, 38 jc....St. Maries
 Holt, Dorothy Marie, 36 b.....Moscow
 Holt, Fern, S.....Thornton
 Holt, John, 37 jc.....St. Maries
 Holte, Jewel Lorraine, 38 ed
 Coeur d'Alene
 Holzer, Joseph John, 38 jc....Rathdrum
 Honeywell, Ethel Ruthe, 38 jc....Orofino
 Honsowetz, Gerald Conrad, 37 jc.Harrison
 Honsowetz, Russell Edward, 36 ed
 Harrison
 Hoover, Julia Elizabeth, S.....Blackfoot
 Hopkins, Bert Earl, G S G.....Moscow
 Hopkins, Marie Hayes, sp jc....Moscow
 Hopwood, Fanny Rupp, 35 ed....Moscow
 Hopwood, Henry Bernard, 35 ed.Moscow
 Horgan, Frank, 38 jc....Mountain Home
 Hornburg, Brenice Weymouth, G S
 Caldwell
 Horsman, Anabel Clementine, G S
 Gooding
 Horton, Betty Jane, S 36 n.....Moscow
 Horton, Edith Louise, 37 mus.ed
 Spokane, Wn.
 Horton, Florence Thuesen, 38 jc
 Spokane, Wn.
 Horton, Marion Elmer, 38 jc....Moscow
 Hosoda, Max Masami Jr., 38 ag..Emmett
 Hossfeld, Ralph Lowell, 37 ch....Moscow
 Houston, Arthur Laurence, 35 ed
 Bellaire, Ohio
 Houx, Jewell Lloyd, G S.....Orofino
 Hove, Kermit, 35 ed.....Genesee
 Howard, Charles Warner, 38 f
 Cogswell, N. Dak.
 Howard, Mark Rowe, 39 jc.....Riggins
 Howard, Ruth Stocker, G.....Moscow
 Howard, Ward Conrad, 36 law....Kellogg
 Howarth, Georgina Hannah, 37 jc
 Glenns Ferry
 Howe, Don Philip, 36 ag...Bonners Ferry
 Howe, John Robert, 37 a.....Harrison
 Howell, Frank Wilfred, 38 f...Rathdrum
 Howell, Leslie B., S.....Clifton
 Hoyt, Eleanor Lee, 37 jc.....Lewiston
 Hubbard, Corlys Leroy, sp jc
 Lodgepole, S. Dak.
 Hubbard, Howard Chester, 36 ed.Hansen
 Hudelson, Eunice Marie, G S..Cambridge
 Hudson, Glenn Lyle, 37 ag.....Gooding
 Hudson, William Wallace, 36 g....Boise
 Huff, Amsel LaReta, S.....Grangeville
 Huggins, Harley Eugene, 36 ed
 Craigmont
 Hughes, Charles Lester, 38 jc....Moscow
 Hughes, Claude Elmer, 38 jc....Nampa
 Hughes, John Paul, 38 ee.....St. Maries
 Hughey, Royal Dillard, 37 jc....Nampa
 Hulet, Mary Lorraine, 38 jc....Moscow
 Hulme, Gertrude Ellen, 37 mus.ed
 Palo Alto, Cal
 Hulquist, Robert Granell, 38 f
 Los Angeles, Cal
 Hult, Orville Leroy, G S.....Burley
 Hult, Wallace, 36 ag.....Burley
 Hultman, Anders Benjamin, 35 f
 Veradale, Wn.
 Hultz, Herbert Quentin, 37 ce....Parma
 Humphrey, Ben King, 38 ae.....Moscow
 Humphrey, Carol Mae, 38 jc....Moscow
 Humphrey, Elmer Newton, 36 ag.Moscow
 Humphrey, Ethel, G S.....Moscow
 Humphrey, Harry Bartholomew, 38 f
 Cabin John, Md
 Humphrey, Mary Jean, S 36 b...Moscow
 Humphreys, Delcie May, S 38 jc.Moscow
 Humphreys, Robert Maxwell, 36 ge
 Moscow
 Hungerford, Kenneth Eugene, 38 f
 Moscow
 Hunt, Clare Edmund, 37 ag.....Emmett
 Hunt, Donnell Hodge, G S A ed
 Southwick
 Hunt, Esther Edsell, 35 b.....Buhl
 Hunt, James LeRoy, G S...Pullman, Wn
 Hunt, Thomas Albert, S.....Moscow
 Hunt, Vincent Frank, 37 ed.....Buhl
 Hunt, William Boland, 35 ed....Ashton
 Hunt, Wynnie Smith, G S.....Southwick
 Hunter, James Harry, 38 ge....Sandpoint
 Hunter, William Algeo, 36 ed
 Coeur d'Alene
 Hurley, Cecelia Kathleen, 37 jc
 Montpelier
 Hustead, Luvern Paige, 38 ed.....Buhl

Hutchings, Marion Price, G S A
Idaho Falls
Hutchinson, Jessie Edith, G.....Moscow

I

Iddings, Edward George, 38 jc..Peru, Ind.
Iddings, Mary Louise, 36 h....Peru, Ind.
Illingsworth, Frances Margaret, 35 ed
Pocatello
Ingebritsen, Milford Stephen, G ed

Moscow
Ingle, Alcie Eleanor, S 36 ed...Kendrick
Ingle, Betty Alene, 38 jc.....Kendrick
Ingle, Leoni Gail, 38 jc.....Kendrick
Ingle, Ronald Jordan, 38 ag....Kendrick
Inman, Clyde Richard, 37 ed....Emmett
Inman, Elbert Ellis, 37 ed....Lewiston
Innis, James Alexander, 37 jc
Coeur d'Alene

Irvin, Frances Jean, 36 b.....Salmon
Irvin, Jack Howard, G S A ed....Mullan
Irvine, Vern William, 38 ch..Idaho Falls
Irwin, Nellie Alene, 35 ed..New Meadows
Isbell, Wilma Leslie, S.....Lewiston
Isenberg, Edward Hoyt, G.....Rupert
Iverson, Norman Lloyd, 36 ed
Snoqualmie, Wn.

J

Jackson, Alva Kale, 38 f..Deer Park, Wn.
Jackson, Bertha Ellen, 37 jc..Grangeville
Jackson, Florence Ann, S.....Thornton
Jackson, Leslie George, 36 ag....Gooding
Jackson, Ralph Wendell, 37 ag....Rupert
Jacobson, Jay Wesley, 38 ag.....Weippe
Jacobson, Norman Jacob, G S.....Boise
Jacoby, Glenn James, G.....Moscow
Jaggard, Rector Hesse, 36 b.....Wallace
Jahn, Helen Louise, G.....Moscow
James, Andrew Frank, 38 jc.....Gooding
James, Jack Graham, 37 jc.Spokane, Wn.
James, Murva, 37 jc.....Gooding
James, Vivian Ralph, S....Coeur d'Alene
Jansen, Benjamin Howard, 38 f

Kimberly

Janssen, Allen Sheely, G ce.....Moscow
Jarboe, Sister Mary Francis, S....Moscow
Jarlett, Oscar Joseph Jr., 36 b

Watertown, Conn.

Jay, Eugene Arthur, 38 ed.Aberdeen, Wn.
Jean, William Andrew, 36 ag....Hazelton
Jeffries, Allen Proctor, 36 ed....Gooding
Jeffries, Mary Agnes, 35 ed.....Wallace
Jelinek, Rose Louise, 38 ed.....Orofino
Jenkins, Alton Horace, S.....Sterling
Jenkins, Evelyn, 38 jc.....Twin Falls
Jensen, Charles Freeman, 38 min

Spokane, Wn.

Jensen, Henry Clyde, 38 f.....Weston
Jensen, John Irvin, 38 jc.....Arco
Jensen, Marion Louise, 38 mus.ed..Melba
Jensen, Mark C., 38 ee.....Emmett
Jensen, Myrtle Lucille, 38 jc..Twin Falls
Jensen, Ralph, 36 f.....Malad
Jensen, Robert Elmer, 37 jc.....Moscow
Jensma, Elizabeth Myra, S.....Nampa
Jeppesen, Karl, 37 law.....Darlington
Jeppesen, Tillie, 36 ed.....Darlington
Jergensen, Orme M., 38 jc..St. Anthony
Jewell, Helen Louise, 38 ed.....Orofino
Jewell, Nina Mae, 38 jc.....Orofino
Johanson, Dorothy Eleanor, S.....Troy
Johnson, Arnold Melvin, S 37 ed

Coeur d'Alene

Johnson, Sister Antoinette Marie, S

Moscow

Johnson, Arthur Estel, 37 jc..St. Anthony
Johnson, Beulah Mae, 38 jc.....Council

Johnson, Donald LeRoy, 38 ag.....Troy
Johnson, Druscilla Ferne, 38 jc...Burley
Johnson, Elmer Edward, 39 ce.....Peck
Johnson, Homer Eldon, 38 ed..Spirit Lake
Johnson, Howard Elmore, 38 f....Moscow
Johnson, Irene Caroline, 38 ed....Moscow
Johnson, Jessie Mae, S.....Rupert
Johnson, John Oliver, G S..Coeur d'Alene
Johnson, Kenneth Eke, 36 ag

Blunt, S. Dak.

Johnson, Lucia Louise, 36 h.....Council
Johnson, Margaret Lilly, 38 ed

Spirit Lake

Johnson, Marion, 36 a.....Burley
Johnson, Maye Anita, G S.....Albion
Johnson, Myrtle H., S.....Preston
Johnson, Olga Mary, S.....Payette
Johnson, Robert Holm, 37 f

Malden, Mass.

Johnson, Robert Wells, 37 jc....Lewiston
Johnson, Russell Ray, 36 ee.....Moscow
Johnson, Ruth Hildreth, S 35 h..Moscow
Johnson, Sylvia, S.....Genesee
Johnson, Virginia Lee, 38 jc....Moscow
Johnson, Wayne White, 35 chRigby
Johnson, Woodrow Charles, 38 ch

Nezperce

Johnston, Charlotte Lucille, 38 jc

Plummer

Johnston, Elmer Maurice, 37 me

Plummer

Johnston, Rodney Porter, 37 jc....Payette
Johnston, Vera Marie, 38 ed..Grangeville
Joice, Donald Kelly, 36 a.....Moscow
Joice, Robert Emerson, 38 f....Moscow
Jones, Elma Florence, 38 jc.....Kendrick
Jones, E. Ronald, S.....Malad
Jones, Evelyn, 37 ed.....Moscow
Jones, Flora Southworth, G S...Blackfoot
Jones, George James, 38 ee.....Kendrick
Jones, George William, 38 ch....Lewiston
Jones, Margaret Louise, S 35 h....Moscow
Jones, Marion Grace, 36 ed.....Aberdeen
Jones, Maybelle Alice, S....Spokane, Wn.
Jones, Paul Allen, 37 ed...New Plymouth
Jones, Winston Irving, sp law.Twin Falls
Jordan, Hazel Emily, S.....Lewiston
Jordan, Jay Ellis, 38 min..Spokane, Wn.
Jordan, Mary Louise, 37 jc..Downey, Cal
Jordan, Stanley Alexander, 38 ag.Moscow
Jordin, John Comstock, 38 jc.....Moscow
Joslyn, Alvin Wilfred, 37 jc.Glenns Ferry
Joy, Mendel Burton, 37 jc.....Mullan
Jump, Roy William, 36 ee.....Winchester

K

Kaeser, Harold Robert, 37 ce.....Boise
Kail, Parris Emmett, sp law...Twin Falls
Kalbus, Mariette Edith Seburn, 36 ed

Moscow

Kamps, Henry Leonard, 38 ce..Post Falls
Kantola, Edward Emlin, G S....Donnelly
Kantola, Mildred Mathilda, 35 ed..Arling
Kantola, Walter Arthur, 38 ag....Arling
Kapel, Frank Joseph, 38 f..Spokane, Wn.
Kassens, Albert Henry, 38 ee.Priest River
Katsilometes, William George, 36 ee

Pocatello

Katzenmeyer, Eva Katharyn, 38 jc

Emmett

Kauffman, Lyle Roy, 37 f..New Plymouth
Kaufmann, Royal Lawrence, 38 me.Burley
Keaton, Clark Maurice, G s....Pocatello
Keef, Dennis William, G me

New Plymouth

Keefer, Clyde Jr., 38 f.....Idaho Falls

Keeler, Jessie Venette, S.....Grangeville

- Keene, Eula Maxine, 38 jc.....Kendrick
 Keeney, Jessie Lenore, 36 mus.ed.Moscow
 Kehrner, Kenneth, 37 f.....Boise
 Keil, Sadie Condit, S.....Gooding
 Keithly, Clyde Rucker, 38 min...Midvale
 Keller, Paul D., G S.....Mink Creek
 Kelly, Florence Genevieve, 38 jc
 Coeur d'Alene
 Kelly, John Lewis, S.....Rockland
 Kelly, Richard Lewis, 35 ed.....Troy
 Kelly, Sherman Newell, 37 ch...Twin Falls
 Kendall, Kathryn Mae, 36 ed
 Spokane, Wn.
 Kendrick, David Donald, 35 b
 Spokane, Wn.
 Kennaly, Frank Charles, 38 jc...Pocatello
 Kennard, Kathryn Isabel, S 35 a
 Moscow
 Kennedy, Charlotte Clark, 37 ed....Boise
 Kennedy, Mary Eileen, 36 a.....Moscow
 Kennedy, William Walker, 38 me...Boise
 Kennell, Wilfred Charles, 37 jc...Lewiston
 Kenworthy, Dolores Wyatt, 37 jc.Moscow
 Kenworthy, Max Ronald, 38 f....Wallace
 Kercheval, Benjamin Berry, 38 jc
 Coeur d'Alene
 Kerr, Dorothy Mary, 37 ed...Priest River
 Kerr, John Harry, 36 ee...Hoquiam, Wn.
 Kerr, Paul Raymond, 36 b.....Wildet
 Kerr, Robert Marian Jr., 37 law.Rexburg
 Kersey, Mary Martha, 35 b....St. Maries
 Kesson, Stella Rosanna, G S.....Burley
 Ketchen, Aleck Petrie, 36 ce.....Boise
 Kevern, Jay Leland, 38 jc.....Kellogg
 Keyes, Frank Holmes, 36 ce.....Pocatello
 Keyes, James Albertus, 37 ag....Council
 Keyes, Robert Medford, 38 ag....Council
 Keyser, Louis Schroer, G s
 Spokane, Wn.
 Khalapur, Assad Mohammed, 36 ag
 Teheran, Persia
 Kienholz, Helen Beulah, S 36 ed.Moscow
 Kietzman, John Payne, 37 jc.Topeka, Kan.
 Kiley, Eugene Francis Thomas, 37 jc
 New Haven, Conn.
 Kimball, Katherine Abigail, 37 ed
 Pullman, Wn.
 King, Don Ralph, S.....Lewiston
 King, Florence Aline, 36 a.....Pocatello
 King, Gertrude, G S.....Grace
 King, John William, 36 ed.....Lewiston
 King, Kenneth Dean, 37 jc.....Wendell
 King, Lee Kipling, 36 f.....Lewiston
 King, Max Randall, 38 ed.Valleyford, Wn.
 King, Mitchell Clyde, 38 f.....Jerome
 Kinghorn, Gerald Eakle, 38 jc.Sugar City
 Kinghorn, Maurine, 35 ed.....Sugar City
 Kinghorn, Nina Madora, 38 jc
 Sugar City
 Kingsbury, Joe Worth, 36 ag....Malad
 Kingsbury, John Theodore, 38 jc.Wallace
 Kinne, John Eustis, 38 jc.....Orofino
 Kinney, Fred Walter, 38 jc.....Cambridge
 Kinney, Janet Rankin, 35 s.....Lewiston
 Kinney, John Rankin, 38 jc.....Lewiston
 Kinney, Richard William, S....Cambridge
 Kinney, William Abram, S.....Laclede
 Kirkpatrick, Harold Dwight, 38 jc
 Culdesac
 Kirkpatrick, Kenneth Kenwood, 35 ch
 Moscow
 Kirkpatrick, Robert Jr., 38 f....Moscow
 Kirkwood, Mary Burnette, G....Moscow
 Kirtley, John Carl, 38 min.....Challis
 Kissane, Donald P., G S.....Pocatello
 Kissane, Leedice McAnelly, G S.Pocatello
 Kjosness, Margrethe Nikoline, 35 h
 Spokane, Wn.
 Klaas, Herschel Vincent, 37 ac.....Filer
 Klein, George Matthew, 36 ag....Moscow
 Kleiner, William Carl Jr., 35 ge...Moscow
 Kleinkopf, Maude Farley, S....Twin Falls
 Klingler, Donald Thomas, 37 jc...Hailey
 Klingler, Marion Vorpe, 35 med...Hailey
 Klumb, Harold Herbert, 36 ch
 Olympia, Wn.
 Knight, James Hiram, 38 ed....Caldwell
 Knight, Ralph Emerson, 35 ag....Payette
 Knight, William Henry, 38 me...Wildet
 Knudson, Arthur Edison, 38 ag...Hollister
 Knudson, K Oscar, S....Los Vegas, Nev.
 Kobs, Clara Milicent, S.....Boise
 Koepp, Walter Carl, 38 ed.....Cameron
 Kohlidakis, Gus John, 37 f
 Cleveland, Ohio
 Koll, Joe Francis Jr., 38 jc.....Boise
 Komes, Richard Everett, 38 ag
 Des Moines, Ia.
 Koontz, Clyde Edward, 37 jc.....Boise
 Koppes, Myrtle Young, S.....Idaho City
 Korte, Erich, 38 f.....Papaaloa, Hawaii
 Kostalek, Mary Elizabeth, 38 jc...Moscow
 Koster, Rophena Volenette, 38 jc
 Twin Falls
 Kotter, Wilma Marie, G S
 Brigham City, Utah
 Kraemer, Leo Glenville, 35 b....Plummet
 Kramer, William Shelby, 38 jc...Wallace
 Krebs, Roy Chester, 38 ee....St. Maries
 Krick, Eleanor Margaret, 38 jc...Genesee
 Krogh, Shirley Margaret, 38 jc
 Spokane, Wn.
 Kroll, Egon Herbert, 35 g....Coeur d'Alene
 Kroll, Herbert Vincent, 37 b
 Coeur d'Alene
 Krummes, Robert Mathias, 38 g....Boise
 Kulp, Mark Rupp, G.....Moscow
 Kunkel, Glenn Robert, 35 ag...Amsterdam
 Kurdy, Casper Kelly, 38 jc.....Winona
 Kurdy, John Ronald, 36 ed.....Winona
L
 Lackey, Harold Wirth, G S A ed
 Sioux Falls, S. Dak.
 Lademora, Eliseo Ylisan, G s
 Passi, Iloilo, P. I.
 Ladle, Joseph Walter, 37 f....Sugar City
 Lafrenz, Melvin Doyle, 38 jc
 Coeur d'Alene
 Laing, James Marshall, 37 ed....Moscow
 Laird, Ray C., 35 a.....Craigmont
 Laird, Virginia Kathryn, S....Craigmont
 Lamb, Herschell Stanton, S 35 ed
 Weiser
 Lambert, Robert Edward, 37 me...Leadore
 Lane, Roland Clayton, 38 ch...Lewiston
 Lande, Dorothy Casbara, 38 ed...Potlatch
 Lande, Erling Norman, 36 b.....Genesee
 Landon, Brooks, 37 jc.....Payette
 Lane, Kathryn Folmer, 37 a.....Lapwai
 Laney, Francis Towner, 35 ed...Moscow
 Lang, Jonathan, 36 ag.....Moscow
 Lang, Robert Scott, 36 met.Coeur d'Alene
 Langer, George Romaine, 38 ee...Jerome
 Langford, Bennett Gordon, 35 ch
 Coeur d'Alene
 Langford, Jess Willard, 39 ce
 Coeur d'Alene
 Langley, Howard Dunham, 35 ce...Boise
 Langlois, Clyde, G S.....Midvale
 Lanter, Lorenzo John, 38 ed...Post Falls
 Largilliere, Edgar Walter, 38 jc
 Soda Springs

- Larsen, Darrell Reed, 35 met....Rexburg
 Larsen, Erna, 36 ed.....Ashton
 Larsen, George Raymond Jr., 37 ee Emmett
 Larsen, Grace, 36 b.....Preston
 Larsen, Loyd Edwin, 35 ee.....Moscow
 Larson, Bert Victor, 37 jc....Twin Falls
 Larson, Byrnee Doris, S.....Moscow
 Larson, Edna Mae, 38 ed.....Moscow
 Larson, Gerald Emmett, 38 me.St. Maries
 Larson, Leslie Lundgren, G f...Blackfoot
 Larson, Lillian Pauline, 38 ed...Sandpoint
 Larson, Vivian Gladys, S 37 ed...Moscow
 LaRue, Frank, 37 g.....Rupert
 LaRue, Marian, 37 jc.....Rupert
 Lathen, Clifford Forest, 38 f....Moscow
 Lathrop, Eugene Milton, 37 ee...Post Falls
 Latimore, Helen Dorothea, S 35 a
 Latimore, Joseph Hoyle, 38 ce.....Boise
 Latimore, Robert Ernest, 38 f Mountain Home
 Latimore, Ruby Margaret, 39 jc Mountain Home
 Latta, Alice Louise, G S....Pullman, Wn.
 Lattig, Vaughan Prater, G.....Moscow
 Lauritzen, Kenneth Austin, 37 mus.ed Victor
 Lawrence, Wendell Dansare, 38 jc Hollister
 Lawyer, Margaret, 37 ed.....Moscow
 Leatham, Earl George, 36 ge Rawlins, Wyo.
 Leatherwood, Russell Keith, G S Elk River
 Leavy, Charles Williams, 36 law Veradale, Wn.
 LeClair, James Van-R., S.....Lewiston
 Lee, Alys Virginia, 39 jc.....Moscow
 Lee, Eleanor Jane, 39 jc.....Burley
 Lee, Eldred, 35 ag.....Rigby
 Lee, Hyrum Rex, 36 ag.....Rigby
 Lee, Orrin E., S 35 ed.....Rexburg
 Lee, Ralph Bryant, 37 jc.....Idaho Falls
 Lee, Wayne Austin, 38 ag.....Rigby
 LeFavour, Charles Jack, 37 me..Caldwell
 LeFebvre, Halbert Allen, 37 a....Lewiston
 Leighton, Fern Dallas, 38 jc....Boise
 Leistner, Lillie M., S G ed...Palouse, Wn.
 Leithe, Carl Clemens, S 35 b Coeur d'Alene
 Leitner, Elton Raymond, 36 ce....Boise
 Lemmon, Ella Mae, S.....Rigby
 Lemon, Emmett Dean, 37 ch.....Moscow
 Lenkersdorfer, Beryl Anna, G S Logan, Utah
 Leonard, Rodney Boyd, 38 f.....Santa
 Lessels, Virgil Lawrence, 35 ch.....Filer
 Leth, Leonard Lester, 36 me.....Buhl
 Levy, Ariel Bernice, 36 a.....Gooding
 Lewis, Carl Stanley, 38 ee.....Kuna
 Lewis, Edith, 36 ed.....Oakley
 Lewis, Erma, 37 a.....Burley
 Lewis, John Donly, 38 ag.....Oakley
 Lewis, Marian Florence, 35 ed....Payette
 Lewis, Mont Edmond, G ag.....Oakley
 Lewis, Robert, 38 f.....Quincy, Mass.
 Lewis, Wendell J., 38 jc.....Burley
 Lewis, William David, S San Francisco, Cal.
 Lincoln, Pal Arnold, 38 min Metaline, Wn.
 Lincoln, Ray William, 37 ag.....Filer
 Lind, Edna Margaret, 36 ed.....Burley
 Lind, Edna Schiller, GMoscow
 Lindenman, Helen Elizabeth, 36 ed Darlington
 Lindquist, William Dexter, 38 jc.Lewiston
 Lindsay, Isabelle, G S.....Kellogg
 Lindsay, William Carroll Jr., 38 jc Kellogg
 Lineberger, Lawrence McCaul, 37 jc Homedale
 Linehan, Donald Joseph, 36 b....Genesee
 Linehan, Raphael Dean, 37 ed....Genesee
 Linton, Thomas Byron, 36 ee.Priest River
 Lipps, Barbara Anne, 37 ed.....Rupert
 Little, Robert James, 36 ed.....Emmett
 Locke, Mabel, G.....Moscow
 Long, Cecile Gertrude, S.....Weiser
 Long, Roy Edgar, 38 jc.....Kendrick
 Longeteig, Iver John Jr., 38 jc.Craigmont
 Loosli, Dwight Wilson, 37 f.....Tetonia
 Louderback, Hueston Marion, G S Wilbur, Wn.
 Louie, Lena, 38 jc.....Worley
 Loveday, Lamont Welker, 38 jc Montpelier
 Lowe, Caroline, S.....Blackfoot
 Lowe, Jarvis Estel, 38 jc.....Burley
 Lowe, Scott Doney, S.....Pocatello
 Lower, Dena Agnes, S.....Baker, Ore.
 Lownik, Edward Chester, 36 f....Moscow
 Lowry, Byron Curtis, S.....Heyburn
 Lowry, Ione Haight, S.....Heyburn
 Luke, George LeRoy, G S...Junction, Utah
 Luke, Helen, 38 jc.....Moscow
 Lukens, Gerald Arthur, 38 jc..Craigmont
 Lukens, John Fritchle, 36 a.....Boise
 Lukens, Kenneth Elmer, 38 me.Craigmont
 Lumpkin, Charles Joseph, 36 a..Lewiston
 Lund, Marianne Elizabeth, 38 jc Ketchikan, Alaska
 Lundburg, Kenneth Gordon, 36 b Idaho Falls
 Lundquist, Elmer Clinton, 35 me.Moscow
 Lundquist, Mildred Elsie, 36 ed..Moscow
 Lundquist, Ravnard Victor, G s..Moscow
 Lundstrum, William Grannis, 35 g Lewiston
 Luoma, Harold Edmund, 38 f....Cataldo
 Lupton, Howard Wayne, 38 ag....Nampa
 Lust, Theodore Wallis, S.....St. Maries
 Luther, Carter Van, 36 ag.....Gooding
 Lutz, Benjamin Frank, 36 a.....Kellogg
 Lyle, Don Rogers, 36 ag.....Lewiston
 Lynch, Loretta Helen, S...Bonners Ferry
 Lyon, Robert Bradley, G mus.ed..Moscow
 Lyon, Ruth E., S.....Idaho Falls
 Lyons, Daniel Milton, 35 s....Southwick
 Lyons, Philip James, S.....Kooskia
 Lyons, Raymond Donald, 35 f..Southwick
 Lyons, Reginald Charles, 35 b....Kellogg
- Mc**
- McAllister, Nona Beryl, 36 h....Kendrick
 McBirney, Herman Clyde, 35 me....Boise
 McCabe, James Virgil, 36 law..Chatcolet
 McCain, Margaret Dorothy, G S Spearfish, S. Dak.
 McCall, Marjorie Ann, 38 jc.....McCall
 McCallum, Herbert Lithgon, 35 g Trail, B. C., Can.
 McCarthy, Joseph LePage, G f Spokane, Wn.
 McCarty, Eleanor Elizabeth, 38 ed Plummer
 McCauley, Gladys Mae, 38 ed..Post Falls
 McCaw, Mary Katherine, S.Aberdeen, Wn.
 McCleary, Walter Holmes, 38 jc Idaho Falls
 McCleery, Elizabeth Dee, 38 jc Twin Falls
 McConnell, Roger Harmon, G g..Caldwell

- McConnell, George Burton, 38 me. Jerome
 McConnell, Henry Elden, 36 s. Boise
 McCormack, Helen Dorothy, 38 jc. Boise
 McCormick, Fred Ray, 35 ee. Arimo
 McCormick, Henry Francis, 35 f. Arimo
 McCormick, Henry Francis, 35 f. Arimo
 McCracken, Lester Clifford, S. Culdesac
 McCrea, William Sherbourne, 36 a. Culdesac
 McCrea, William Sherbourne, 36 a. Culdesac
 McCuaig, Marian Sickels, G S. Moscow
 McCue, Robert Daniel, 37 ed. Moscow
 McCue, Robert Daniel, 37 ed. Moscow
 McCulloch, Stanley, 37 f. Rexburg
 McCullough, Raymond Arthur, 38 ae. Rexburg
 McCullough, Raymond Arthur, 38 ae. Rexburg
 McCutcheon, Esther H., 38 ed. Palouse, Wn.
 McCutcheon, Esther H., 38 ed. Palouse, Wn.
 McDaniel, Keith Kendrick, 37 ce. Chehalis, Wn.
 McDermott, Susie Doris, 37 jc. Spokane, Wn.
 McDonald, Edna Mary, G S. Wallace
 McDonald, Irving Leroy, 38 jc. Fenn
 McDonald, Timothy Emmett, G S A ed. Fenn
 McDonald, Timothy Emmett, G S A ed. Fenn
 McDonald, Virginia Gertrude, 38 jc. Eden
 McDonald, Virginia Gertrude, 38 jc. Eden
 McDowell, Jay Carl, 36 ed. Drummond
 McDowell, Rex Wampler, 37 ed. Burley
 McDowell, Rex Wampler, 37 ed. Burley
 McElroy, Carroll Bernard, 38 f. Rockford, Wn.
 McFadden, George Robert, 37 jc. Buhl
 McFadden, Marguerite Altha, G S. Plummer
 McFall, Miriam Stockton, 38 jc. Moscow
 McFarland, James Franklin, 37 mus. ed. Moscow
 McFarland, James Franklin, 37 mus. ed. Moscow
 McFarland, Mack, 38 jc. Twin Falls
 McFarlane, James Leo, 39 jc. Kellogg
 McFarlane, James Leo, 39 jc. Kellogg
 McFaul, Veldora Katherine, 38 jc. Naples
 McFaul, Veldora Katherine, 38 jc. Naples
 McGlashan, Donald Warren, G g. Coeur d'Alene
 McGlashan, Donald Warren, G g. Coeur d'Alene
 McGrath, Laura, 36 a. Cabarton
 McGrath, Lodia Manie, 36 ed. Twin Falls
 McGregor, Lorin, 37 ee. Moscow
 McGuire, Alice Josephine, S. Moscow
 McGuire, Kenneth Paul, G S. Thatcher
 McGuire, Marion, G S. Lewiston
 McGuire, Marion, G S. Lewiston
 McKay, Emma Rae, G S. Shoshone
 McKay, Emma Rae, G S. Shoshone
 McKay, Hugh Shepard Cameron, 35 ag. Lewiston
 McKay, Hugh Shepard Cameron, 35 ag. Lewiston
 McKee, Bill Earl, 37 f. Salt Lake City, Utah
 McKee, Donald Duff, 36 ed. Aberdeen
 McKee, Jennie Stewart, S. Spokane, Wn.
 McKee, Jennie Stewart, S. Spokane, Wn.
 McKeever, Donald Gibson, 36 f. Lewiston
 McKeever, Donald Gibson, 36 f. Lewiston
 McKibbin, John Philip, 37 jc. Blackfoot
 McKinley, Mary Anjeanette, 38 jc. Wilkesburg, Pa.
 McKinley, Mary Anjeanette, 38 jc. Wilkesburg, Pa.
 McKinney, Geneal Sweet, 35 s. Boise
 McKinney, Jack Whitwell, 38 jc. Page
 McKissick, Roberta Blanche, 36 ed. Lewiston
 McKissick, Roberta Blanche, 36 ed. Lewiston
 McLaughlin, Charles Elliot, 38 ch. St. Maries
 McLaughlin, Charles Elliot, 38 ch. St. Maries
 McLaughlin, Marvin Whitney, G S. Parma
 McLaughlin, Verla West, S. Clarkia
 McLeod, Katherine Jane, S. Nezperce
 McManamin, John Francis, 35 a. Coeur d'Alene
 McManamin, John Francis, 35 a. Coeur d'Alene
 McMillan, Gertrude Lucille, 36 a. Burley
 McNaughton, Frances Jean, 35 b. Burley
 McNaughton, Frances Jean, 35 b. Burley
 McNichols, Raymond Clyde, 37 jc. Coeur d'Alene
 McNichols, Raymond Clyde, 37 jc. Coeur d'Alene
 McNichols, Raymond Clyde, 37 jc. Coeur d'Alene
 McNicoll, Barbara Claire, 38 ed. Salmon
 McPhail, Lloyd Clifford, 37 f. Mullan
 McPherson, Clarence Edward, 37 b. Post Falls
 McPherson, Clarence Edward, 37 b. Post Falls
 McPherson, Ione Marie, 37 ed. Post Falls
 McProud, Gene Elbert, G S. Homedale
 McQueen, Kent, 38 jc. Preston
 McVey, John William, 38 ae. Jerome
 McVicker, Virgil Otto, S. Orofino
 McWilliams, Walter Charles, G a. Moscow
 McWilliams, Walter Charles, G a. Moscow
 Maberly, Thomas Edward, G S. Rupert
 MacArthur, Beryl, S. Coeur d'Alene
 Macdonald, Isobel May, S 35 ed. Culdesac
 Macdonald, Jessie Edith, G S. Pocatello
 MacGregor, Warren Stanley, 38 ch. Pocatello
 MacGregor, Warren Stanley, 38 ch. Pocatello
 Mack, Margaret Shirley, 37 jc. Spirit Lake
 Maclear, William Patrick, 38 jc. Boise
 Maclear, William Patrick, 38 jc. Boise
 Macquaid, Marian Iva, 38 jc. Idaho Falls
 Macy, J. Aldus, 37 ag. Moscow
 Madarang, Servando Abad, G ag. Caldwell
 Madarang, Servando Abad, G ag. Caldwell
 Madsen, Lyman Winn, 35 ce. Sto. Domingo, P. I.
 Madsen, Lyman Winn, 35 ce. Shelley
 Madson, Helen Elizabeth, 36 a. Ogden, Utah
 Magee, Melvine Isabel, 37 ed. Southwick
 Maguire, Hugh Charles, 36 a. Twin Falls
 Maguire, James Hugh, 36 ge. Anaconda, Mont.
 Mahoney, Benjamin Franklin, G ed. Albion
 Mahoney, Benjamin Franklin, G ed. Albion
 Mains, Keenan Bushnell, 35 b. Boise
 Malalang, Engracio Cariaz, 36 b. Pangasinan, P. I.
 Malalang, Engracio Cariaz, 36 b. Pangasinan, P. I.
 Malin, Maurice Edgar, 36 b. Kellogg
 Mallory, Betty May, 37 ed. Bovill
 Mallory, Roger George, 38 jc. Bovill
 Malone, Rose Mary, G S. Lake Elmo, Minn.
 Malony, Bernice Day, 36 ed. Wallace
 Maltman, Jennie Rebecca, G S. Forest River, N. Dak.
 Maltman, Jennie Rebecca, G S. Forest River, N. Dak.
 Manion, Marguerite Ellen, 38 jc. Firth
 Mann, Curtis Whaley, 35 a. Spokane, Wn.
 Mann, Louis Kimball, 37 jc. Placerville
 Mann, Paul, 38 ee. Lewiston
 Mann, William Frederick Jr., 37 f. Valley Stream, N. Y.
 Mann, William Frederick Jr., 37 f. Valley Stream, N. Y.
 Manning, Linford Hart, S 36 ed. Burley
 March, Clement Clair, 35 ge. Lowman
 March, Homer Parker, 38 min. Lowman
 March, Richard Maurice, 37 f. Murphy
 Marcus, Vincent Charles, S 35 ee. Kellogg
 Marden, Daniel Seavey, 37 ce. Moscow
 Marler, Maria Leoniea, G. Colfax, Wn.
 Marley, Don Carlos, 35 ag. McCammon
 Marsh, Harry Lounsbury Jr., 37 jc. Pasadena, Cal.
 Marsh, Harry Lounsbury Jr., 37 jc. Pasadena, Cal.
 Marshall, Marvin Malcolm, 37 f. Bonne Terre, Mo.
 Marshall, Marvin Malcolm, 37 f. Bonne Terre, Mo.
 Marshall, Raymond Cyril, 37 jc. Idaho Falls
 Marshall, Raymond Cyril, 37 jc. Idaho Falls
 Marshall, William Dillian, 38 jc. Moscow
 Martin, Alonzo Wilbur, G. Moscow
 Martin, Anna, S. Samaria
 Martin, Arzetta Worthington, S. Pocatello
 Martin, Daniel William, S. Pocatello
 Martin, Donald Bryon, 38 ed. St. Maries
 Martin, Elenora Margaret, S 36 s. Boise
 Martin, Lowell Bayard, 35 ed. Nezperce
 Martin, Paris Townsend, 35 law. Boise
 Martin, Ronald Giles, 37 ed. St. Maries
 Martin, William Townsend, 37 ag. Boise
 Martinez, James Paul, 35 s. Taos, N. Mex.
 Martinsen, Earl Barlow, 36 ch. St. Maries

- Martyn, Bernard, G S.....Twin Falls
 Mason, Robert Earl, 38 jc.....Boise
 Matthes, Ellis Leroy, 38 ce.....Burley
 Matthews, Glen Harold, 38 ee.....Kuna
 Matson, Leo Walter, 38 jc.....Coeur d'Alene
 Mattes, Margaret Mae, 38 jc
 Spokane, Wn.
 Matthews, Margaret Maude, 36 h...Boise
 Matthews, Roberta Violet, 37 jc....Boise
 Matthies, Esther Ruth, 35 a.....Nampa
 Mattson, Ermel Pearl, 36 ed....Culdesac
 Maughan, Karam Singh, G
 Irwin City, Cal.
 Maughan, Lyle Raymond, 36 ag
 Lava Hot Springs
 Maughan, Ralph Woodrow, 38 ag
 Lava Hot Springs
 Maul, David Chandler, 37 f
 Huron, S. Dak.
 Maupin, Jere Washington, 38 jc
 Glendale, Cal.
 Maw, Florence Helen, G S.....Eagle
 Maxson, Willis Sheldon, 37 ag
 Covina, Cal.
 Maxwell, Richard Fox, 38 jc...Twin Falls
 Mayer, Edward William, 37 jc....Kellogg
 Mayer, Irma Henrietta, 37 ed.....Boise
 Maynard, Wayne Maurice, 38 f....Lapwai
 Meade, Jesse James, 38 f.....Clarksfork
 Meadows, Jesse, G S.....American Falls
 Melgard, Helen Winifred, G S...Moscow
 Mellinger, John Forrest, G S
 Spokane, Wn.
 Mellinger, Martha Lorene, 38 jc
 Spokane, Wn.
 Melzian, Aldon Lester, 35 me....Moscow
 Meneely, Erle Newton, 36 me....Moscow
 Meneely, Katherine Lucinda, 38 jc
 Moscow
 Meneely, William Alfred, 37 ee...Moscow
 Meng, Curt, 37 b.....Rexburg
 Mercer, Elwyn Jarvis, 35 me....Moscow
 Merchant, Wilbur Whittaker, 35 ed P ed
 New Brunswick, N. J.
 Merha, Lester Wayne, 38 f
 Norfolk, Nebr.
 Merriam, Eleanor, 35 b.....Wallace
 Merrick, Jane Rachel, 35 ed.....Buhl
 Merrick, Virginia May, 35 ed P ed...Buhl
 Merrill, Jeanne Dudley, G S Logan, Utah
 Merwin, Marjory, S.....Pasadena, Cal.
 Meserole, Frank Gabriel, 38 jc...Gooding
 Messenger, Dorothy Elizabeth, G S
 Moscow
 Metzgar, Edward Harry, 37 jc...Kellogg
 Meyers, Minnie, 37 jc.....Sugar City
 Michael, Dale Charlton, S 36 ed
 Ferdinand
 Michael, Gordon Greenwood, 38 ce
 Ferdinand
 Mickelson, Priscilla Wightman, G
 Moscow
 Mickelson, Vernon Clifford, G...Moscow
 Middleton, Robert Leon, 37 ed....Weiser
 Mihelich, Lewis, 35 med.....Mullan
 Miles, Beulah Simmons, G S....Lewiston
 Miles, Frank Elton, 36 ed.....Lewiston
 Miles, Lewis Clarence, G S.....Lewiston
 Miles, Merry Marguerite, 38 jc...Moscow
 Miller, Alexander Watson, 36 med
 Lava Hot Springs
 Miller, Cleo Burton, 38 f.....Moscow
 Miller, Clyde John, 36 ed.....Plummer
 Miller, Earl Ralph, 38 ag.....Moscow
 Miller, Edith Homay, S 35 b.....Moscow
 Miller, Fred Lewis, G me.....Moscow
 Miller, Harry, G.....Moscow
 Miller, Helen Howard, G S A ed...Boise
 Miller, Jack Martin, 37 ce.....Boise
 Miller, James Henry, 36 ee.....Gibbs
 Miller, John Bakken, 36 g.....Bovill
 Miller, Lionel Percy, 36 f.....Emmett
 Miller, Marjorie Genevieve, G S...Mullan
 Miller, Myrna Vilda Evans, 39 jc.Moscow
 Miller, Norman Rhodes, 35 ed
 New York, N. Y.
 Miller, Owen Guthrie, S.....Filer
 Miller, Paul Theodore, 36 a.....Moscow
 Miller, Phyllis Ruth, 37 ed....Nezperce
 Miller, Robert Clyde, 37 ag.....Moscow
 Miller, Ruth Annetta, S 35 ed P ed...Boise
 Miller, Warren Grant, 37 f...Ogden, Utah
 Miller, William Joseph, 37 me...Fastport
 Mills, Ala Neville, S.....Dietrich
 Mills, Edith Lucille, 36 h.....Moscow
 Mills, Joseph Edward Jr., 38 ag...Wilder
 Milot, Earnest Wilbur, 37 f.....Kellogg
 Mink, Chester Long, G S.....Twin Falls
 Minty, Margaret Virginia, 38 jc
 Soda Springs
 Minty, Mary Elizabeth, 38 jc
 Soda Springs
 Mitchell, Alva Wright, 38 ag....Nezperce
 Mitchell, Josephine Cora, 36 ed...Wilder
 Mitchell, Mary Elizabeth, 38 ed...Gooding
 Mitchell, Richard Morse, 37 law...Wilder
 Mitchell, Robert Williard, 38 jc...Wilder
 Mitchell, Walter Paul, 35 f
 Point Arena, Cal.
 Mitchell, Wilma Elmira, 36 mus.ed
 Shoshone
 Mitchell, Woodrow Wilson, 36 ag
 Nezperce
 Mix, Betty Jane, 36 ed.....Moscow
 Mockler, Barbara Kathryn, 37 jc...Boise
 Moen, Arnold Johan, 35 ee....Careywood
 Moerder, Elizabeth Pauline, 38 jc.Moscow
 Moerder, James Gifford, 38 jc....Moscow
 Moffitt, Myra Alice, G S.....Athol
 Moffitt, Solano, G S.....Athol
 Moncher, Esther Cathryn, 38 ed...Rupert
 Monk, Roy Marvin, G ag....Center, Tex.
 Monnett, Albert Abraham Jr., 38 jc
 Moscow
 Monson, John Paul, G S...Richmond, Utah
 Montell, Joseph, 39 f....Inglewood, Cal.
 Montgomery, Clyde August, 38 ag...Eden
 Moore, Ardath Carol, G S.....Ashton
 Moore, Beulah Marlene, 37 ed...Rexburg
 Moore, Dorsey Charles, 36 med....Boise
 Moore, Edna Mae, 38 jc.....Melba
 Moore, Frances C., S.....Shelley
 Moore, James Albert, 37 ed.....Melba
 Moore, Janice, 38 jc.....Rexburg
 Moore, Julia Winifred, 38 jc
 Spokane, Wn.
 Moore, Lynn Lukins, 37 law....Lewiston
 Moore, Mary Alice, S 35 ed....Pocatello
 Moore, Ralphine Ronald, S 36 a...Moscow
 Moore, William Cloud, G.....Moscow
 Moran, Virginia Lucille, 38 jc
 Coeur d'Alene
 Morbeck, Charles Thomas, 38 jc...Wallace
 Morfitt, Carl Clifford, 35 b.....Boise
 Morgan, Alvin Wright, G S.....Firth
 Morgan, Elmer Archie, 38 ag....Heyburn
 Morgan, Ralph Alexander, 35 b...Kellogg
 Morgan, Walter Firman, 38 f....Potlatch
 Morley, Robert Johannesen, 38 jc
 Idaho Falls
 Morris, John Baker, 37 b.....Lewiston
 Morris, Robert James, 36 ch....Potlatch
 Morris, Ruth Mellinger, 36 a....Moscow
 Morrison, John A., G S.....Preston

- Morrow, William John, 37 f
Grand Forks, N. Dak.
- Morse, Annette Carol, 37 ed.....Buhl
- Morse, William Evans Jr., S.....Malad
- Mortimer, Don, 37 ag.....Rexburg
- Mortimer, Preston Ricks, 37 ee.....Rexburg
- Morton, Alberta Isabel, 37 jc.....Moscow
- Moser, Charles Edwin, G S G s
East Farms, Wn.
- Moser, Robert Delmore, 36 ed....Rupert
- Mosley, Otto A., 38 jc.....St. Maries
- Mottern, Elizabeth Anita, 38 jc.St. Maries
- Mottern, James Montgomery, 38 jc
Worley
- Mrachek, Joe Walter, 37 ag.....Wendell
- Mueller, Frederick William Jr., 38 jc
St. Maries
- Mueller, Hans George, 38 ch.....Burley
- Muffett, Robert Pierce, 37 ed...Lewiston
- Mulica, Robert William Jr., 37 jc
Pocatello
- Mullikin, Clifford James, G S.....Troy
- Mullikin, Mabel Rue, S 35 h.....Troy
- Mullins, Robert Wilson, S 38 jc..Nampa
- Munk, Lewis Edgar, G S.....Georgetown
- Munthe, Bert Pascoe, 35 f
Two Harbors, Minn.
- Murdoch, Brigham Dallas, G S
Lewisville
- Murdock, Feno R., 38 ag.....Blackfoot
- Murdock, Mary Louise, 38 jc
Spokane, Wn.
- Murdock, Merlin Leo, 37 ag...Blackfoot
- Murphy, Donald Merle, 35 ag...Twin Falls
- Murphy, Jack Tullus, 38 jc.....Rupert
- Murphy, Lee C., S.....Salina, Utah
- Murphy, Leslie Carlton, 35 s..Twin Falls
- Murphy, Mary Margaret, 37 jc...Payette
- Murray, Charles Aloysius, 38 f
Scotia, N. Y.
- Murtha, Frances Lucille, 38 jc
Haines, Ore.
- Myers, Mark Edward, S 37 jc
Deer Park, Wn.
- Myrick, Clara Leona, 37 jc.....Orofino
- Nadeau, Leon Randolph, 37 f.....Caldwell
- Nail, Kenneth Monroe, 37 b.Spokane, Wn.
- Nancolas, Edith Marie, G S G ed
Jerome
- Naser, Virgil Selwin, 38 jc.....Fairfield
- Naslund, Glen Erick, 36 ed.Coeur d'Alene
- Nave, Thomas Bud, 38 me...Sugar City
- Neely, George Stewart, 37 ed.Covina, Cal.
- Nelson, Albert Ole, 38 ic.....Kellogg
- Nelson Alfred Trigner, 38 jc
Staten Island, N. Y.
- Nelson, Arthur Paul, 36 ge.....Boise
- Nelson, Arthur William Jr., 38 f
Park Ridge, Ill.
- Nelson, David Reynold, G a.....Moscow
- Nelson, David William, S.....Rexburg
- Nelson, Elva B., S...Minneapolis, Minn.
- Nelson, George William, 37 ed.....Troy
- Nelson, Harold O., 37 law.....Bellevue
- Nelson, Harvey Ferdinand, 36 f
Racine, Wis.
- Nelson, Lewis Bailey, 36 ag.....Emmett
- Nelson, Lucille Elizabeth, 37 ed.....Boise
- Nelson, Mary Henderson, G S.....Arimo
- Nelson, Otto Alfred, 38 f.....Troy
- Nelson, Rachel Jane, 37 ed.....Grangeville
- Nelson, Rudolph Victor, 37 b.....Moscow
- Nelson, Spencer Ware, 36 law
Coeur d'Alene
- Nelson, Victoria Gustava, 37 jc...Moscow
- Neupert, George Jennings, G S..Lewiston
- Neveux, Hollis Eugene, 37 jc
Coeur d'Alene
- Newell, Todd Benedict, 37 ce.....Ola
- Newton, Francis John, 36 a.....Moscow
- Nice, Eva Lenore, 36 ed
North Powder, Ore
- Nichols, Alta Genevieve, S.....Viola
- Nichols, Laurena Omega A., 37 ed.Moscow
- Nicholson, Jean Clinton, 38 jc
Spokane, Wn.
- Nicolds, John Yeagle, G S.American Falls
- Nielsen, Carl M., G S.....St. Maries
- Nielsen, Jean C., G S.....Idaho Falls
- Nissen, Lawrence Louis, 38 ch
Coeur d'Alene
- Nixon, James Lawrence, 38 ee...Heath
- Noel, Max, 37 jc.....Lewiston
- Nogle, Bernard Cleon, 38 jc.....Bovill
- Norris, Harriett, S 36 a.....Payette
- Norris, Virginia Frances, 37 ed...Mullan
- Northrop, Cortland Jenner, 37 b...Boise
- Northup, Eugene, 36 ch.....Lewiston
- Noyer, Vivian 36 a.....Sterling
- Nugent, Alfred Eugene III, 36 ge.Wallace
- Nugent, Bunch Amos, 36 f
Missoula, Mont.
- Nugent, Claude Edward, 37 min..Wallace
- Nurmi, Edwin Oliver, 36 ag...Enaville
- Nurss, Alvera Lavere, S 37 ed...Orofino
- Nutting, Bertha Alice, S.....Rupert
- Nutting, Richard Curtice, 36 ag...Rupert
- Nuuttila, Eino, 38 f.....Waukegan, Ill.
- Nye, Afton Don, 38 ag.....Malta
- Nye, Mabel Georgene, 38 ed.....Boise
- O'Brien, Gordon Charles, 35 me..Lewiston
- O'Connor, Walter Warren, 38 ed...Wallace
- O'Connor, Mona Kathleen, 37 b...Moscow
- O'Dea, Mary Eileen, 35 ed.Spokane, Wn.
- O'Donnell, John Morris, 35 law...Moscow
- O'Hara, Agnes Mary, 37 ed...Moscow
- O'Meara, Cecil Lois, 36 h.....Moscow
- O'Meara, Donald John, 37 me...Moscow
- O'Neal, Ethlyn Virginia, 35 a...Pocatello
- O'Neal, Kinney Clarence, 37 jc..Pocatello
- O'Neil, John Patrick, 37 jc.Coeur d'Alene
- O'Neil, Mary Margaret, S 36 h
Coeur d'Alene
- O'Neill, William James, S 36 med
Idaho Falls
- Oberbillig, Ernest Edmund, 37 met.Boise
- Oberg, Eva Victoria, 36 ed.....Moscow
- Obermeyer, Betty, 37 jc.....Emmett
- Odenborg, Margaret Jeannette, 37 jc
Genesee
- Ogawa, Fremont, 36 me.Lava Hot Springs
- Ogee, Lucille Evelyn, 36 ed...Pocatello
- Oja, Reino Walfred, 37 f..Gardner, Mass.
- Oldson, Harold Alfred, 38 f
Pasadena, Cal.
- Olesen, Gertrude Lorraine, S 36 ed
Moscow
- Olsen, Baylus Harvey, 38 f.....Jerome
- Olsen, Earl Joseph, 37 ed.....Moscow
- Olsen, Ellis Hyrum, 38 f.....Weston
- Olson, Beverly Yette, 38 ed.....Deary
- Olson, Bill Liberty, 38 min.....Moscow
- Olson, Everett George, 36 ce
Coeur d'Alene
- Olson, Harry Athos, 38 ed.....Cascade
- Olson, Shelley Girsell, 38 jc.....Bovill
- Onstott, Oscar Lee, 38 f.....Kendrick
- Oram, George H. Jr., 38 jc.....Boise
- Orchard, Christine Amelia, S 36 ed..Boise
- Orcutt, Donald Peter, 38 f.....Moscow

- Orcutt, Ruth June, S Moscow
 Oreiro, Andres Almojuela, 35 ed G ed
 La Union, P. I.
 Orland, Halsey Lewis, S 37 jc Moscow
 Orlandini, Bruno, 35 ch Kellogg
 Orme, Samuel Alvin, 36 ce Squirrel
 Orr, Kenneth Dew, 35 s Moscow
 Orton, Glenn, 37 ed Mountain Home
 Osborn, Ralph Ransom, 35 ag Hailey
 Osborne, Carl Calvin, 37 ag Gooding
 Osgood, Frederick Russell, 36 a Twin Falls
 Osmundsen, William Emery, 38 ch
 St. Maries
 Osterhout, Carl Edward, 36 ed Declo
 Ostness, Alfred Kristian, G ed
 Spokane, Wn.
 Otto, Ruby Edward, 38 ee Jerome
 Overstreet, Carolyn, G S Blackfoot
 Overturf, Vernon Conrad, 38 f
 Pateros, Wn.
 Owen, Glenn Byron, 36 ed Rathdrum
 Oxenham, James Price, 38 ed
 Washington, D. C.
- P**
- Pace, Mary Jane, 36 ed Bonners Ferry
 Packenham, Howard Emerson, G Moscow
 Packham, Edward LeRoy, 38 ag Fairfield
 Packham, John Earl, 38 ag Fairfield
 Page, Trevor Wyman, 37 ge Boise
 Paine, Mary Frances, 37 jc Lewiston
 Painter, Frank Semple, 37 f
 Millersburg, Ohio
 Painter, Johnnie Rex, 38 jc Gooding
 Painter, Robert Teed, 37 jc Boise
 Painter, Thomas Willits, 37 jc Boise
 Palmer, Ernest Joseph, G S Burley
 Palmer, Jenkin Leland, 37 jc Malad
 Palmer, Noble Eugene, 37 jc Kimberly
 Palmgren, Ben, 38 ed Olive, Cal.
 Papesch, Doris Mae, 36 h Kellogg
 Paquet, Joseph Freeman, 37 jc
 Portland, Ore.
 Pardue, Rex Ira, 37 ed Kamiah
 Paris, Richard Harland, 38 mus.ed
 Kellogg
 Paris, Sister Vincent Marie, S Moscow
 Park, Morey Austin Jr., 36 min
 Boothwyn, Pa.
 Parke, Audrey Ethel, 37 jc Burley
 Parker, John Leon, 35 ag Rexburg
 Parker, Katherine Maurine, 38 ed
 St. Anthony
 Parker, Melrhea, S Burley
 Parker, Robert Theodore, 37 ed
 St. Anthony
 Parkins, Arlie Leon, G S Homedale
 Parkinson, Arabel, S Franklin
 Parkinson, Harold Lester, 37 ag Jerome
 Parks, Homer William, 36 f McCall
 Parks, Kenneth H., 35 ae Culdesac
 Parr, William Lee, 37 law Olympia, Wn.
 Parrott, Irene Grace, 37 b Twin Falls
 Parsons, Malcolm Harry, 37 jc Boise
 Parsons, Marguerite Ada, 38 ed Worley
 Paskin, Louis, 36 b South Bend, Ind.
 Pastoor, John, 38 ag Amsterdam
 Paterka, Pauline Harriet, G mus.ed
 Spokane, Wn.
 Patterson, Frank Bell, 38 jc Shelley
 Patterson, Leslie Turrel, G S A ed Carey
 Patton, Regina Mae, S Palouse, Wn.
 Pauley, William Nelson, 36 ch Boise
 Paulsen, Edith Louise, 38 jc Lewiston
 Pavkov, Stonko Sidney, 38 ed Gooding
 Peacock, Julie Randall, 38 min Burley
 Pearce, Lois Elenor, 38 jc Spokane, Wn.
 Pearl, Leslie Gordon, 38 ed
 Grand Isle, Vt.
 Pearson, Ethel Beth, 38 jc Moore
 Pearson, Mabel Linnea, 38 ed Worley
 Pearson, Rodney Alma, 35 ag Moore
 Peavy, Betty Lou, 37 ed Twin Falls
 Peavy, Frank Harris, 35 ce Twin Falls
 Pecka, Arthur Michael, 37 f Chicago, Ill.
 Pence, Albert Lloyd Jr., 36 ce Payette
 Pence, James Orville, G s Mackay
 Pence, Jean Lucile, 38 jc Payette
 Pere, August Joseph, sp met St. Maries
 Peret, Jack Wesley, 38 min Caldwell
 Perrine, Eugene, S 35 a Twin Falls
 Perry, Allan, G S Moscow
 Perry, James William, 38 jc Boise
 Persons, Pamela Pauline, 36 ed
 Spokane, Wn.
 Peters, Harrell George, 36 ce Idaho Falls
 Peters, Raymond William, 38 ce
 San Diego, Cal.
 Petersen, Don Andrew, 36 ag Paul
 Petersen, Fred, 38 f Richfield
 Petersen, Lee Hans, 38 ag Paul
 Petersen, Ray Olaf, 35 ag Paul
 Peterson, Bernard Miller, 36 ed Moscow
 Peterson, Dorothy Helen, 38 jc Sugar City
 Peterson, Ellen Emelia, G S Moscow
 Peterson, Helen Elizabeth, 36 med
 Sandpoint
 Peterson, Homer Franklin, 35 ed Potlatch
 Peterson, John Elvin, 38 me Moscow
 Peterson, John Lowell, G S Kaysville, Utah
 Peterson, Kent Franklin, 36 b Blackfoot
 Peterson, Laura Maurine, G s Potlatch
 Peterson, Mark Ephraim, 35 ag Rexburg
 Peterson, Martin Francis, 38 f Troy
 Peterson, Mildred Edna, G a Viola
 Peterson, Philip Renard, 37 min
 Spokane, Wn.
 Peterson, Phyllis Anna, 36 a Payette
 Peterson, Robert William, 36 law Moscow
 Petrisor, Gregory Christian, G S
 Spokane, Wn.
 Pettet, Elizabeth Jean, 38 ed Harrison
 Pettijohn, Fay Camilla, 37 mus.ed
 Castleford
 Phillips, Dewey Fredrick, 38 ed Spirit Lake
 Phillips, Earl George, 38 jc Eden
 Phillips, Eugene Huff, 38 f Coeur d'Alene
 Phillips, Lloyd Hinman, 38 f Akron, Ohio
 Philips, Ethel Fern, 36 ed Challis
 Phinney, John Hardin Jr., 38 ce Sandpoint
 Phipps, James Benjamin, 38 jc Parma
 Pickett, Floyd J., 38 jc Oakley
 Pierce, Dorothy Kenworthy, 36 a Moscow
 Pierce, Horace Elburn, S 36 mus.ed
 Twin Falls
 Pierce, John Arthur, 38 ag Malta
 Pierce, Mary Alice, G S Meridian
 Pierce, Ronald Woodrow, 38 ag Twin Falls
 Pinnell, Irma Louise, 37 jc Harvard
 Pitcher, Wayne Harold, 38 jc Moscow
 Pittman, William Nelson Jr., 36 a Nampa
 Pittwood, Beatrice Rogers, S Orofino
 Pizey, Pauline Martha, S Boise
 Platt, Kenneth Batdorf, G ag
 Clarkston, Wn.
 Platt, Rachael Belle, 37 jc Lewiston
 Pomeroy, Betty Jane, S 36 ed
 Fontenelle, Wyo.
 Pond, Robert Scott, 36 b Pocatello
 Pope, Steven John, 35 ce Hayden Lake
 Porter, Donald Burdett, 35 f
 Remington, Ind.
 Post, Jane, S 36 ed Rathdrum
 Potter, Ainslie Cornell, G S
 American Falls

Potter, Helen Campbell, S...American Falls
 Potts, Edward Everett, 38 ed
 Coeur d'Alene
 Poulson, Arnold Ernest, 38 ag....Aberdeen
 Poulson, Paul Herman, 38 ag....Boise
 Powell, John William, S.....Rupert
 Power, Otto Alfred, 36 a.....Boise
 Powers, Dorothy Mae, S.....Rupert
 Powers, Helen Marie, G S G ed....Rupert
 Poyneer, Almeda Marie, G S Everett, Wn.
 Poyneer, Mary Ethelwyn, S 38 jc
 Everett, Wn.
 Prahinski, Albertina, G S...Spokane, Wn.
 Prater, James Dean, 38 f....St. Anthony
 Preston, Kenneth LaMar, 37 min
 Coeur d'Alene
 Preuss, Dorothy Emma, 36 h.Tacoma, Wn.
 Price, Alsie Amelia, 38 jc....Sugar City
 Prichard, Theodore Jan, G.....Moscow
 Prince, Cleament, G S.....Gooding
 Prince, Harry Merwin, 38 ed....Wendell
 Probst, Patrick William, 38 jc
 Coeur d'Alene
 Puffer, Harold L., G S A ed
 San Luis Obispo, Cal.
 Pugh, Eugene V., S.....New Plymouth
 Pugh, Helen Mae, 35 ed....Springston
 Purcell, Arthur Luke, 38 ed....Rexburg
 Pyrah, Allen Wayne, 38 ed....Carey

Q

Quesnel, Clinton Chester, 36 f....Jerome
 Quinstrom, Roy Jack, 35 met
 Trail, B. C., Can.
 Quist, Margaret Allene, S 36 ed....Kooskia

R

Racine, Louis Frank Jr., 38 jc
 Glenns Ferry
 Radford, Ralph Allen, 38 ee....Buhl
 Raide, Theodore Emil, 35 f....Enaville
 Ralph, Leonard Thomas, G S...Rockland
 Ramey, Rowena Mae, 38 ed....Kendrick
 Rand, Phyllis Katharine, 37 jc....Salmon
 Randall, Frank Otis, 37 ch....Lewiston
 Randall, Frederic Arthur, 38 ed.Grangeville
 Randall, Raymond Lewis, 38 jc....Kuna
 Rankin, Vera Eaton, S.....Orofino
 Rantschler, John Milford, 35 ed G ed
 Metaline Falls, Wn.
 Rasmussen, Aaron Frederick Jr. 37 ag
 Rexburg
 Ratcliffe, Charles Leonard, G S.Twin Falls
 Raubach, Robert Theodore, 38 f...Weiser
 Rayburn, Arnold Jim, 38 f....Moscow
 Reagan, James Edward, 38 jc
 Croton-on-Hudson, N. Y.
 Reardon, Thomas Alvin, G a....Moscow
 Reckord, Harley Vernon, 38 jc
 Spokane, Wn.
 Redford, Keith Deal, S.....Glenns Ferry
 Redlingshafer, Thomas Alexander, 37 jc
 Juneau, Alaska
 Redmond, Paul Homer, 38 ed....Priest River
 Reed, Dorothy Irene, 38 ed....Montpelier
 Reed, Dorothy Jean, S.....Orofino
 Reed, Duffy Edward Jr., 37 jc....Twin Falls
 Reed, Vivian Mescal, 37 jc....Twin Falls
 Reeder, Helen Mary, 36 h....Moscow
 Reeland, Mary Margaret, S 35 mus.ed
 Glenns Ferry
 Rees, Florence Marcia, G S
 Waitsburg, Wn.
 Reese, Emmeline Jeannette, 37 jc
 Spokane, Wn.
 Reese, William George, 38 jc....Preston
 Rehberg, Martha Jean, 35 a....Kamiah
 Reid, Florence Margaret, S.....Lewiston

Reierson, Christie Ann, S.....Troy
 Reierson, Hattie Gunhilda, G S....Troy
 Remsburg, Ruth Elizabeth, G S G...Rupert
 Renfrew, Edgar Earl, 36 s.....Potlatch
 Renfrew, James Lee, 38 jc....Moscow
 Renfrew, Malcolm MacKenzie, G S G
 Potlatch
 Renfrew, William, sp law
 Moscow
 Renner, Mildred Ernestine, S....Lewiston
 Renner, Norma Bernice, S.....Lewiston
 Requa, Dorothy Inez, S 36 ed....Kimberly
 Rettig, Clarence Everett, 38 ee....Orofino
 Revoir, George Edwin, 38 a.....Grace
 Reynolds, Gray Dickson, 35 f
 Ogden, Utah
 Reynolds, Hester Adrian, G S...Moscow
 Reynolds, Keith S., 38 ag....Emmett
 Rhoads, Nell Linn, S.....Weiser
 Rhodes, John Marion, 37 a.....Nampa
 Rhodes, Raymond Hayden, G
 San Jose, Cal.
 Rice, John Alfred, 38 f.....Harvard
 Rich, George David, S 36 ed....Filer
 Rich, Lewis Nunemaker, 38 ed....Filer
 Rich, Walker Junior, 37 jc....Blackfoot
 Richards, Winifred Eleanor, G
 McGregor, Ia.
 Richardson, Dorothy Miranda, G S.Moscow
 Richardson, Frederick William, 35 b
 Orofino
 Richardson, Kenneth Fred, 37 f....Burke
 Richardson, Mildred Blanche, S....Burke
 Richardson, Stanley Solon, G S...Grace
 Richelson, Paul Newton, 37 f....Montpelier
 Richmond, T W., 38 ag....Buhl
 Ricker, Jean Alice, 35 ed....Kellogg
 Ricks, Loanda, 36 b....Rexburg
 Ricks, Rulon A., 38 ag....Rexburg
 Riddle, George Thomas, 38 jc
 Spokane, Wn.
 Ridings, Donald Ellis, 35 me....Moscow
 Rieman, Leo, 38 ee....Ferdinand
 Riley, Alene, 35 h....Rupert
 Riley, Clifford Winston, G ag....Rexburg
 Riley, Edward Michael, 38 jc.Spokane, Wn.
 Riley, Harold Goldthorpe, 37 b....Rexburg
 Riley, Mary Katharine, 36 a.Spokane, Wn.
 Rinck, William Kenneth, 38 jc..Medimont
 Rindy, Myrtle Angeline, G S....Moscow
 Riordan, Stephen Michael Jr., 35 ch
 Parma
 Ritzheimer, Earl, 37 jc....Coeur d'Alene
 Roark, Rosanne Virginia, S 35 a....Boise
 Robb, William, 35 ed....Nampa
 Robel, Dorothy Amelia, S.....Lewiston
 Roberts, Earl Clark, 36 f....Moscow
 Roberts, Kenneth William, 37 f....Bellevue
 Roberts, Nellie Popkey, S.....Jerome
 Roberts, Neva Shiverick, 36 s....Moscow
 Roberts, Norman, 35 ed....Parma
 Robertson, Garnet Adelbert, 36 f
 Gillette, Wyo.
 Robertson, Kenneth Campbell, 37 ed....Boise
 Robertson, Stuart Ashley, 38 jc....Moscow
 Robinson, Audrey Isabelle, 37 jc..Gooding
 Robinson, Fred, 37 b....Nampa
 Robinson, Mark Alexander, 38 jc
 Grangeville
 Rodell, Chester, 35 ed....Hayden Lake
 Rodgers, Franklin William, 36 a
 Spokane, Wn.
 Rodgers, Jefferson Belton, G ae..Moscow
 Rodkey, Grant V., 38 ed....Post Falls
 Roesch, Winston Leigh, G ed.Tacoma, Wn.
 Rogers, Harold Glen, sp jc....Moscow
 Rogers, Robert Clayton, 38 jc....Culdesac
 Roice, John Edward, 38 ag....Eden

- Rollefson, Ivan LeRoy, 37 ch ... Moscow
 Roman, Richard, 37 ch ... Kellogg
 Romero, Juan Derama, 35 a
 Drummond, Mont.
 Rooks, Burton Dean, 38 jc ... Spirit Lake
 Roos, Katherine Keller, 38 jc ... Lewiston
 Rosa, John Marvin, 38 ce ... Moscow
 Rosa, Lorena Carr, 38 jc ... Moscow
 Rosar, John Francis, 38 f ... Escondido, Cal.
 Rosebaugh, Mary Margaret, 36 ed
 Bonners Ferry
 Rosecrans, Rosella, 38 mus.ed ... Burley
 Rosevear, Dorothy May, 37 jc
 Glenns Ferry
 Rosevear, Henry Joseph, 38 jc
 Glenns Ferry
 Ross, Annie, G S ... Salt Lake City, Utah
 Ross, David Theodore, S ... Moscow
 Ross, Geraldine, S 37 ed ... Moscow
 Rothwell, Cleo Evelyn, S ... Viola
 Rounsavell, George Wallace, 37 jc
 Coeur d'Alene
 Rubisch, Kurt Otto, 37 f
 Salt Lake City, Utah
 Ruckman, Helen Curliss, S ... Reubens
 Ruddell, Eunice Sarah, S ... Moscow
 Rudeen, Cecil Gordon, 38 jc ... Troy
 Ruebke, John Lee, 37 g ... Wallace
 Rukgaber, Howard Lee, 37 jc
 Clarkston, Wn.
 Runck, Laura Margaret, 38 ed
 Priest River
 Runyon, Ruth Elizabeth, 38 jc ... Buhl
 Russell, Edward Baldrige, 36 ed ... Moscow
 Russell, Eva Mamie, 38 jc ... Moscow
 Russell, Howard William, 37 ed ... Harrison
 Russell, Lois Velma, 37 ed ... Harrison
 Russell, Warren Wakefield, 35 law
 Spokane, Wn.
 Russum, Charles Fisher, 38 ed ... Boise
 Rust, Paul James, 35 a ... Coeur d'Alene
 Ruud, Jack Taylor, 37 jc ... Irwin
 Ryan, Eugene John, 37 jc ... Buhl
 Ryan, Sam Gee, 37 f ... Monrovia, Cal.
 Rydholm, Bernice Maria, 36 ed ... Moscow
- S**
- Sachs, Dean Morris, 35 f ... Heyburn
 Sackett, Irvin LaVerne, 37 ge ... Twin Falls
 Sala, Frank Robert, 38 jc ... Harrison
 Samm, Carol Jean, S 37 ed ... Moscow
 Samm, Mary Kathleen, S 37 ed ... Moscow
 Samson, Ralph Shirley, 36 ag
 Mountain Home
 Sanborn, Rupert Arvid, 38 me ... Moscow
 Sanders, Charles Eugene, 36 ed ... Blackfoot
 Sanders, Janet Elsie, 38 jc ... Wallace
 Sanders, William Berryman, 38 jc
 Blackfoot
 Sanderson, Rosalea, 38 jc ... Coeur d'Alene
 Sanford, Joan, 37 jc ... Kellogg
 Sanger, Frederic Miller, 37 law
 Twin Falls
 Sanner, Dale Raymon, 38 f ... Twin Falls
 Sant, Arthur, G S ... Clifton
 Sant, Elinor Shirley, S ... Clifton
 Sant, Paul Treasure, G S ... Clifton
 Sardam, Porter Day, 38 ag ... Culdesac
 Sarles, Robert Walter, 38 jc ... Blackfoot
 Sater, Archie Guy, G S ... Spokane, Wn.
 Sather, Bernice Muriel, 36 ed ... Moscow
 Savage, Mary Lois, 38 jc ... Moscow
 Savage, Raymond Edwin, 38 jc ... Nampa
 Sawyer, Edna, 36 h ... Malad
 Sawyer, Frank Hyrum, 35 ee ... Malad
 Sawyer, Pearle Dorothy, 36 ed ... Moscow
- Schaefer, Gertrude Mathilda, S
 Priest River
 Schaufelberger, Oscar Edgar, 36 ee
 Bellevue
 Schiller, John Robert, 38 ee ... Shoshone
 Schlegel, Henry Edward Jr., 36 med
 Portland, Ore.
 Schleuter, Mary Caroline, S 35 ed
 Genesee
 Schmidt, Barbara Louise, 36 b ... Buhl
 Schmidt, Carolyn Emma, S ... Coeur d'Alene
 Schmidt, Winona Ann, S ... Coeur d'Alene
 Schmitt, Mary Elizabeth, 38 jc ... Gooding
 Schneider, Marie Magdalene, 37 jc
 Spokane, Wn.
 Schodde, Henry Thomas, 35 ag ... Burley
 Schodde, Walter Farrell, 38 jc ... Heyburn
 Schoenfeld, Walter Ernest, 37 ag ... Heyburn
 Schofield, Ross, 38 f ... Sugar City
 Scholberg, DeEtte, Charlotte, G S ... Moscow
 Scholberg, Edna Marie, G S ... Moscow
 Scholer, Margaret Elsie, G S ... Rupert
 Schreiber, Julius Jay, 35 ed
 Cleveland, Ohio
 Schroeder, Wilbur, 36 ag ... Moscow
 Schubert, Dale Leroy, 38 me ... Fruitland
 Schubert, Kenneth Levi, 36 me ... Fruitland
 Schuettenhelm, Katherine L., 37 jc
 Kellogg
 Schultz, Emma Bertha, S ... Blackfoot
 Schumacher, Herman William, 38 f
 Moscow
 Schumacher, Richard Wilbur, 35 ag
 Moscow
 Schwartzenhauer, Arthur George, 35 ce
 Rossland, B. C. Can.
 Schwendiman, John Leo, 35 ag P ag
 Newdale
 Schwendiman, Naomi Garner, 38 jc
 Newdale
 Sciuchetti, Leo Anton, 38 me ... Kellogg
 Scoggin, Charles Oscar, 36 law
 Lindsay, Cal.
 Scoggin, Dorothy Margaret, 38 ed
 Lindsay, Cal.
 Scott, Charles Francis, 38 min
 Coeur d'Alene
 Scott, Francis Daniel, 38 ag ... Kimberly
 Scott, George Fred, 38 jc ... New Plymouth
 Scott, Howard Eugene, 37 ag ... Meridian
 Scott, Leslie William, 38 ag ... Reubens
 Scott, Lillian Beatrice, S ... Clarkston, Wn.
 Scott, Margaret Virginia, 38 ed ... Moscow
 Scott, Victoria Cassels, 38 jc ... Coeur d'Alene
 Scrimsher, Coray Dallas, G S A ed
 Moscow
 Seaquist, Roger Bertram, 37 ag ... Rigby
 Seatz, Owen Hyder, 35 ed ... Winchester
 Seeley, R. H., 37 jc ... Hazelton
 Selby, Paul Jerome, 37 jc ... Burley
 Sellers, Rose Mae, 38 ed ... Moscow
 Sellers, June Marguerette, 38 jc ... Sandpoint
 Sellers, Victor Armond, 38 f
 New Britain, Pa.
 Selman, Alva Catherine, G S A ed
 Kingston
 Seltice, Marceline Genevieve, 38 jc ... Tensed
 Senften, Leo Henry, 35 ag ... Castleford
 Sessions, Elden Bryson, G S ... Malad
 Setters, Robert Meredith, 38 jc
 Coeur d'Alene
 Severin, Mirland Henry, 38 jc ... Twin Falls
 Severine, Raynor Howard, 36 ee ... Emmett
 Sexton, Tina Joy, S ... Inkorn
 Seymour, Robert Grimmer, 36 b
 Tacoma, Wn.

- Shafer, Fred Ellis, 38 f McCall
 Shamberger, William David, G S .. Payette
 Shangle, Lloyd John, 38 jc .. Lewiston
 Shannon, Glenn LeRoy, 38 jc .. Council
 Sharp, Jack O'Connor, 38 jc .. Boise
 Sharp, William Joseph, 39 ed Boise
 Los Angeles, Cal.
 Shaw, Charles Clinton, sp law .. Pocatello
 Shaw, Howard William, 36 f .. Pocatello
 Shearer, Buford Carl, 38 ed Lapwai
 Sheehan, Beatrice Helen, 38 jc
 Salt Lake City, Utah
 Shepard, Melvin Earl, 37 ed Kimberly
 Sherfey, Robert Gordon, 38 jc .. Moscow
 Sheridan, Donna Margaret, 37 ed
 Helena, Mont.
 Sherman, Anita Charlotte, 37 ed .. Kellogg
 Shipman, Esther Carolyn, G S .. Twin Falls
 Shipman, Horace Jennings, G ag
 Twin Falls
 Shook, Glen Merrill, 36 ce .. Sandpoint
 Shook, Vernon Phray, 37 jc .. Sandpoint
 Short, Mary Oliver, 37 jc .. Eagle
 Sickels, Jackson Pyburn, S .. Norman, Okla.
 Silverberg, Savel Benhard, 36 f
 Gardner, Mass.
 Simon, William Edgar, 35 me .. Cottonwood
 Simonds, Catherine Doris, 38 jc
 Bonners Ferry
 Simpson, Edna Laverne, 38 jc .. Boise
 Simpson, Florence Priebe, G .. Moscow
 Sims, Mary Louise, S .. Kuna
 Siple, Virgil Arthur, 36 ag .. New Plymouth
 Sitterle, Robert Clarence, 38 jc
 Spokane, Wn.
 Skaar, Karsten Sigurd, 37 ch .. Sandpoint
 Skiles, Charles Stanley, sp law .. Burley
 Skiles, James Joy, 38 me .. Burley
 Skina, Ansbet George, 35 ee .. Wallace
 Skold, Clair Arthur, G S .. Peetz, Colo.
 Slater, Edith Mary, 37 ed .. Hazelton
 Slete, Justin Melodew, sp me .. Wallace
 Slevin, Sister Paula, S .. Moscow
 Smedley, Delsa Lorraine, 39 jc .. Burley
 Smedley, Raleigh Wilson, 38 f .. Burley
 Smiset, Oscar Vern, 36 ch .. Potlatch
 Smith, Alden, 38 jc .. Sugar City
 Smith, Charles Ernest, S 37 jc
 Portland, Ore.
 Smith, Clarence Howard, G S .. Sterling
 Smith, Desmond Ray, 37 jc .. Kellogg
 Smith, Dorsey Orrin, 38 jc .. Moscow
 Smith, Douglas Richard, 37 min
 Selah, Wn.
 Smith, Earl LeRoy, 36 ce .. Twin Falls
 Smith, Edwin Octavious, G S .. Sugar City
 Smith, Elda Hamilton, S .. Sugar City
 Smith, Elden, 38 jc .. Sugar City
 Smith, Elva, 37 jc .. Sugar City
 Smith, Emmy Lou, 38 ed .. Filer
 Smith, Franklin Edward, 35 ce .. Malad
 Smith, Gordon Cyril Jr., 38 min .. Boise
 Smith, Harley Belcher, S 35 a .. Moscow
 Smith, Harold Harris, 37 jc .. Sandpoint
 Smith, Katherine Belle, 37 jc
 Mountain Home
 Smith, Kathryn Margaret, 38 jc .. Worley
 Smith, Louis deSpain, G s .. Spokane, Wn.
 Smith, Marian Glendora, 38 jc .. Moscow
 Smith, Mary Elizabeth, 37 ed .. Blackfoot
 Smith, Nomi Juanita, 36 ed .. Moscow
 Smith, Owen Delevan, S 35 ed P s
 Elgin, Ore
 Smith, Raleigh Webster, 35 ee .. Leland
 Smith, Rex Ford, 38 ce .. Driggs
 Smith, Ronald Martin, G S .. Moscow
 Smith, Ronald Oliver, S .. Midvale
 Smith, Rosella Florence, S 37 h .. St. Maries
 Smith, Russell Elmer, 36 f .. Glenns Ferry
 Smith, Ruth Zona, 38 jc .. Portland, Ore.
 Smith, Spokane Ramsey, 38 jc
 Spokane, Wn.
 Smith, Victor Earl, 36 ed .. Filer
 Smith, William Calderhead, 37 jc .. Caldwell
 Smith, William Edward, G .. Franklin
 Smitham, Sylvia Theresa, G S .. Pocatello
 Smolinski, Roscoe Charles, 37 ee .. Greer
 Snapp, Joseph Oakford, 38 jc
 Springdale, Wn.
 Sneath, Clifford Ardell, 36 ag .. Lapwai
 Snedaker, Donald LeRoy, 37 jc .. Thornton
 Snodgrass, John Howard, 35 ed G ed
 Jerome
 Snook, Mary Geneva, S .. Wapato, Wn.
 Snow, Annie Elizabeth, G S .. Rigby
 Snow, Ellis Bernard, 36 b .. Council
 Snow, Orval M., 38 ag .. Moscow
 Snow, Roland Verl, 36 ag .. Burley
 Snyder, Donald Clyde, G S G s
 New Plymouth
 Snyder, Freeman Woodrow, 38 f
 Kellers Church, Pa.
 Snyder, Leo Brown, 37 jc .. Pierce
 Snyder, Marvin Henry, S .. Orofino
 Snyder, Opal Alice, 36 ed .. Orofino
 Sogard, Erma Deane, 35 med .. Culdesac
 Solberg, Harry Frank, 38 jc .. Elk River
 Soltman, Donald Jack, 38 jc .. Grangeville
 Sommer, George Russell, 38 jc
 Spokane, Wn.
 Sommer, John Willis, 37 jc .. Spokane, Wn.
 Sonsteli, James Carlyle, G S
 Kalispell, Mont.
 Sorensen, Erma, S .. Emmett
 Sorensen, Bonita Mae, S .. Lewiston
 Sorensen, James Woodrow, 37 jc .. Nezperce
 Sorensen, Lillian Louise, 35 mus.ed
 St. Maries
 Sorensen, Maurice Vere, 37 ag .. Rexburg
 Sorensen, Royal, 37 ge .. Rexburg
 Sorensen, William J., 38 jc .. Nezperce
 Sorey, Rae Alene, G S .. Lewiston
 South, Donna-May, 38 jc .. Burley
 Southard, Clara Edna, 37 jc .. Coeur d'Alene
 Southworth, Lloy Jones, S .. Moscow
 Southworth, Mark W., 38 jc .. Oakley
 Southworth, Mildred Rita, 38 ed .. Moscow
 Sowder, Raymond William, 35 b
 Coeur d'Alene
 Sparks, Fred McKinley, G S .. King Hill
 Sparks, Harold Andrew, 37 ee .. Caldwell
 Spaugy, Donald Hubert, 36 ed .. Moscow
 Spaugy, Ralph Elmo, 37 ed .. Moscow
 Spear, Clayton Verne, 37 law .. Clarkia
 Spence, Liter Estill, G .. Moscow
 Spence, Robert Leslie, 36 g .. Moscow
 Spencer, Clifford, 38 ag .. Rexburg
 Spencer, Earl Frank, 37 ag .. Jerome
 Spencer, Edward Charles, 36 ag
 Prescott, Wn.
 Spencer, Hannah Irene, 36 ed .. Victor
 Spiers, Donald Marriott, 38 f
 Lava Hot Springs
 Spiers, Gordon Keith, 38 jc
 Lava Hot Springs
 Spiker, Margaret Mueller, G S A ed
 Lewiston
 Sprague, George Finley Jr., G s .. Twin Falls
 Sprester, Olive Katherine, G S .. Pocatello
 Spriggs, James Alonzo Jr., S .. Pocatello
 Springer, Don Edward, 38 f .. Genesee
 Sproat, Robert Thomas, 39 ag .. Boise
 Squance, William Jaynes, 35 ed .. Wallace
 Stafford, Thomas Presly, 38 me .. Moscow

- Stambaugh, Charles Wayne, 36 ag
Aberdeen
- Stanley, Henry Harold, 38 eeRupert
- Stanton, Edgar Williams III, 38 f
Live Oak, Cal.
- Stanton, Jack Myers Jr., 35 me.....Eagle
- Starlin, Donald Glenn, 38 jc.Spokane, Wn.
- Staudacher, Gerald, 36 aSandpoint
- Stearns, Horace Myrl, 37 eeCalder
- Steene, Clarence Carl, 37 eeBurley
- Steffens, Charles William, 38 f...Blackfoot
- Steffens, Herman Walter, GMoscow
- Steiniger, Erich Julius, 36 a.....Moscow
- Steiniger, Herbert Kurt, 36 aMoscow
- Stephens, LaRele Joseph, 38 f.....Wendell
- Stephens, Warren William, 38 ag..Wilder
- Stephenson, Derrick Abraham, G S
Lewiston
- Stephenson, Eldred Clarence, 35 b.Pocatello
- Stephenson, Emma Lucile, 35 ed.Lewiston
- Stevens, Courtney Emal, 36 fBoise
- Stevens, Mildred Elizabeth, SDeary
- Stevens, Sprague Morgan, 36 law.Moscow
- Stevens, Walter Frank, S G ed..Richfield
- Steward, John Tritt, 35 bBoise
- Stewart, Effie L., SCascade
- Stewart, Eleanor Jane, 36 mus-ed
Post Falls
- Stewart, Frances Alene, S 35 ed ...Boise
- Stewart, Gerald Orndoff, 38 jc....Moscow
- Stewart, Laurel Jean, S 38 jc.....Cascade
- Stewart, Robert Theodore, 38 ed ...Boise
- Stewart, Ruth Bernice, 37 jcKooskia
- Stickney, Elizabeth Jane, S ...St. Maries
- Stier, Lois Hale, 38 jcMoscow
- Stier, Luther Whitmore, 38 me.....Moscow
- Stim, Alex Jr., 37 f ...Nesquehoning, Pa.
- Stivers, Donald William, 38 f..Twin Falls
- Stivers, Vernon Theodore, G S A ed
Portland, Ore.
- Stockton, Edgar Glenn, 37 chJerome
- Stoddard, Harold Taylor, 36 ee...Shoshone
- Stoker, Alta, G SSugar City
- Stoker, Kay Luke, 38 mete.....Shelley
- Stokes, Clarence Homer, 38 jcOsburn
- Stolle, Frances Claire, 38 jcBoise
- Stone, Carlos William, 38 jc.....Sugar City
- Stone, Melissa Christina, 38 jc
Spokane, Wn.
- Stone, Vivian Lavina, S 36 ed....Moscow
- Stout, Ivah, GPocatello
- Stover, Helen Theriault, S..Palouse, Wn.
- Stover, Joseph Murphy Jr., G S A ed
Palouse, Wn.
- Stover, Stephen Dan, 38 minWeiser
- Stowell, Harold Bowman, G S...Pocatello
- Strachan, Robert Ramsey, 37 ce...Wallace
- Strawn, Loren Glenn, 36 aCabarton
- Strawn, Raymond Emory, 36 ch ...Boise
- Strawn, Robert Lorraine, 37 jcBoise
- Stredder, Charles, G S A ed....Nampa
- Streifus, Clement Andrew, 35 ee
Twin Falls
- Strickfaden, Donald Thomas, 38 ed
Nezperce
- Strom, Charles Walter, 38 mus.ed
Whitefish, Mont.
- Strom, John Wolfgang, 38 f....Rathdrum
- Stroud, Bess Elizabeth, SSalmon
- Stuart, Gertrude Lucille, SSandpoint
- Stubbs, Ira Dean, 38 ch....Bonners Ferry
- Stucki, Ezra S., G SRexburg
- Studebaker, Billy Briggs, 37 jcBuhl
- Sturdevant, Lula May, 38 edMoscow
- Sturgeon, Dorothy Velma, 35 ed.Murtaugh
- Sturgill, William V., 38 fMoscow
- Styffe, Hobart Hilbert, sp f
Port Arthur, Ont., Can.
- Suenkel, E. S., G SGenesee
- Sullivan, Grover Cleveland, SHalley
- Summerfield, Genevieve Juliet, 38 ed
Moscow
- Summers, Austin B., G SFirth
- Summers, Lewis Stephen, 37 jcSagle
- Summers, Mary Adeline, 39 jcBoise
- Summers, Pearl Mary Louisa, 38 ed.Sagle
- Sundberg, Clinton Ross, 37 ed..Idaho Falls
- Sundquist, June Elouise, 37 ed.....Troy
- Suter, Floyd Louis, G S A ed.Priest River
- Sutton, Franklin Paul, 38 agMidvale
- Sutton, Genevieve Andrews, SArco
- Sutton, William Cecil, 38 agMidvale
- Swann, Herschell Wallace, 35 b...Orofino
- Swanson, Marian, 37 ed....Denver, Colo.
- Swartz, Gaylord William, 38 ae..Nezperce
- Swartz, Iris Savilla, 36 edNezperce
- Swayne, Margaret Jane, 39 jcMoscow
- Swayne, Rhoda Hollingsworth, G S.Moscow
- Sweeley, Anna Lenora, 35 ed..Twin Falls
- Sweet, Margaret Amelia, G S A ed
Lewiston
- Swendig, Dorothy Kathleen, 38 jc
St. Maries
- Swingler, Richard Taylor, 37 mus.ed
Lewiston
- Swisher, George William, 37 jc.St. Maries
- Swope, Esther Isabel, SStar
- T**
- Taaca, Felipe Tabali, 35 ed G ed
Pangasinan, P. I.
- Talbot, Jay Palmer, 37 agRupert
- Talbot, Oral, 36 me.....Malad
- Talbot, John, 38 jcMoscow
- Talbot, LaVera May, 36 aMoscow
- Talbot, Loyal Elmer, 36 sMoscow
- Talbot, Ruth Lurlene, 35 hMoscow
- Talboy, Dean Walter, 38 eeWeiser
- Tanner, Mildred Hogg, S 36 ed..Moscow
- Tarbox, Glen, 38 jcBovill
- Taylor, Clarence Edward, 38 f ...Caldwell
- Taylor, Curtis Ray, 36 agRigby
- Taylor, Geneve, G SRexburg
- Taylor, Gerwin George, 36 chMoscow
- Taylor, Harold Arthur, 38 ed ...Plummer
- Taylor, John Marshall, 35 fLewiston
- Taylor, Katherine Pauline, 38 jc....Boise
- Taylor, Morton Casady, 36 law ...Nampa
- Taylor, Paul Francis, 38 ceMoscow
- Taylor, Rex Parley, 37 jcBurley
- Taylor, Ruth Hazel, 37 jcTwin Falls
- Taylor, Stanley Leroy, 38 fMoscow
- Taylor, Thomas Alva, 38 fFruitland
- Taylor, Thomas Ivan, GMoscow
- Taylor, William Duncan, 37 f
Redondo Beach, Cal.
- Teats, Eleanor Idaho, SReubens
- Teed, William Edward, 37 jc
Coeur d'Alene
- Teeter, Raymond Davidson, 37 ae.Meridian
- Teeter, Robert Harold, 38 ag....Meridian
- Tegan, Rodney Rupert, 37 agFiler
- Tegland, Constance Janice, 37 jc..Genesee
- Tegland, Rodney Orland, 38 jc ...Genesee
- Telcher, Julia Margaret, 38 jc.Grangerville
- Temby, Phyllis Mildred, 36 bKellogg
- Terhaar, Carolyn Marie, S ...Cottonwood
- Thatcher, John Kenneth, G S A ed
Sugar City
- Theriault, Julia Margy, SSt. Maries
- Thiessen, Alana Pauline, SCuldesac
- Thiessen, George Roscoe, 37 ed ..Lewiston
- Thomas, Alvin John, G SRexburg

- Thomas, Benjamin Earl, G S Boise
Thomas, Dallan Dale, 38 f Malad
Thomas, Daniel Darrow, S Blackfoot
Thomas, Donald Kenneth, S Shelley
Thomas, Donald Richard, 36 ed. St. Maries
Thomas, John Graham, 36 ed. Ashton
Thomas, Joseph Jefferson, G S. Pasco, Wn.
Thomas, Kenneth Verle, G S St. Maries
Thomas, Lewis Ambrey, G S Kimberly
Thomas, Lois Geraldine, 35 ed. Ashton
Thomas, Mary Lacy, S Castleford
Thomas, Ormond J., G S A ed. Castleford
Thomas, William Herbert, G S
Spokane, Wn.
Thomas, William W., S Malad
Thompson, Charlotte Louise, 38 jc
Post Falls
Thompson, Ernest Lavelle, 38 f Warren
Thompson, James Morrison, G ed Boise
Thompson, Josephine Cecelia, G S. Potlatch
Thompson, Kenneth Theodore, 36 s
Wallace
Thompson, Lois Marian, G S A mus.ed
Post Falls
Thompson, Mary Catherine, S 37 jc
Moscow
Thompson, Robert Mark, 36 ed. Post Falls
Thompson, Victor, 37 a Preston
Thompson, Willard Louis, 38 jc. Potlatch
Thomson, Betty Jean, 38 jc Boise
Thomson, George Hagan, 38 ee
Rushford, Minn.
Thorall, Verna Adeline, 36 ed
Eugene, Ore.
Thornhill, Helen Margaret, 35 ed. Kellogg
Thornhill, Raymond Perle, S 37 jc. Kellogg
Thornton, Helen Margaret, 35 ed
Idaho Falls
Thornton, Margaret Helen, 38 jc
Coeur d'Alene
Thorpe, Cecil Everett, 38 f St. Anthony
Thorsted, Howard Leroy, 38 ce
St. Anthony
Thurber, Loyd B., 38 ag Gooding
Thurman, Isaac Kern, 35 ed Buhl
Thurston, Theodore Hutchins, 35 a
Foxboro, Mass.
Tibbals, John Reed, 37 jc. Winnetka, Ill.
Tibbs, William Newton, S. Spokane, Wn.
Tierney, John Jacob, 35 ed
Uniontown, Wn.
Tierney, Mabel Catherine, 36 ed
Uniontown, Wn.
Tierney, Richard Anthony, 36 ed
Uniontown, Wn.
Tigert, Allen Humphrey, 35 med
Soda Springs
Tigert, Charlotte, 35 a Soda Springs
Tigert, Russell, 37 jc Soda Springs
Tillotson, LeRoy Conrad, 38 ee. Kellogg
Timken, Howard Woodrow, 36 g. Kellogg
Tippets, Vaughan, 36 f Pocatello
Tittle, Ernest Lee, 38 f Tacoma, Wn.
Titus, Frank A., 37 ed Nampa
Titus, Marjorie L. Herisson, 36 a. Jerome
Tolbert, Jerome Ernest, G S A ed
Clarksfork
Tolford, Harry Clark, 38 ch. Spirit Lake
Tomlinson, Gladys Louise, 38 ed Buhl
Tonnar, Wiley Benjamin, G S A
Santa Barbara, Cal.
Tonning, Wayland Avery, 37 jc. Weiser
Torelle, Albert Edward Jr., 38 ee
Coeur d'Alene
Toreson, Grace Inez, 38 ed. Spokane, Wn.
Torgesen, John Lou, 35 ch. Soda Springs
Tovey, Devere, 36 ag Malad
Tovey, Keith Daniels, 38 ag
Malad
Towles, Virginia Lee, 37 jc Wallace
Towne, Archie Cameron, 38 jc. Wallace
Townsend, Dan Jerome, 36 f Homedale
Tracy, Donald, 37 jc Moscow
Tracy, Orrin Ardeen, sp law. Moscow
Tracy, Schuyler Colfax, S Payette
Trail, Edward Garfield, 37 ag Caldwell
Trail, Lee Thayer, 38 ag Caldwell
Trevey, James Bailey, 37 ag Payette
Trounce, Peggy Jane, S Kellogg
Trude, William C., 36 ce Ashton
Tucker, Charles Wayne, 38 ee
Soda Springs
Tucker, Dudley Grant, 37 ag Parma
Tucker, Nadine Edith, G S Emmett
Tucker, Robert Clifton, 36 ag Emmett
Tucker, Sidney Grace, S Parma
Tullett, Elvina Buelah, 38 jc. Idaho Falls
Tulley, Maurice Wesley, 36 ee Worley
Tulley, Miriam Gladys, G S Worley
Turnbull, Helen Florence, 39 jc. Moscow
Turner, Clarabelle Marie, 37 ed. Nezperce
Turner, Constance Coyne, 36 b. Pocatello
Turner, Edmond L. Jr., 36 ag. Twin Falls
Turner, George Thomas, 36 f Kimberly
Turner, Thomas Samuel, G S Caldwell
Turrentine, Lloyd Ivan, 38 jc
Escondido, Cal.
Tuson, William L., 36 law Kellogg
Tuttle, Mary Ann, 35 h Moscow
Tyrrell, Ruby Ethyl, sp jc Moscow
- U**
- Unander, Ralph Le Verl, 37 ag Burley
Underdahl, Conrad Rudolph, 38 ed. Moscow
Underdahl, Ruth Caroline, 35 a. Moscow
Underwood, Vernon Leroy, 37 f. Myrtle
Utt, Alberta Bergh, S Boise
- V**
- Valentine, Bernard Iliff, 35 ee Rupert
Vance, Hazel Irene, S Idaho Falls
Vanderhoff, Virginia Ruth, G Moscow
Van Dyke, Thomas John, 37 jc Weiser
Van Engelen, Vatura, S 36 a. Twin Falls
Vanouck, Ruth Alice, 38 jc Genesee
Varian, Nina Louise, 35 a Boise
Vaughan, Tim Mack, 38 jc Boise
Vaught, Raymond A., 36 a Boise
Verberkmoes, Robert Louis, 38 jc. Kooskia
Viele, Mary Isabel, S Wallace
Villers, Ralph Warren, 35 ed Filer
Vincent, Ddwain Wilber, 36 a Boise
Vincent, Odalith H., G ed Moscow
Vincent, Wilber Dwayne, G S Boise
Vincent, Wilbur Dale, 38 ee Moscow
Virgin, Walter James, 35 ag Aberdeen
Voelker, Ethel Tyson, G Moscow
von Bargen, George Lester, S. Grangeville
von Bargen, John Herman, 36 f
Grangeville
Vorachek, Roger Frank, S. Lankin, N. Dak.
- W**
- Wade, Julia Belle, 37 jc Buhl
Wade, Kenneth, 37 ag Lewiston
Wade, Ralph Mason, 35 s Lewiston
Wade, Roger Kingman, 36 ae Lewiston
Wagner, Herman Edward, 35 b. Lewiston
Wahl, Douglas Joseph, 38 f Kellogg
Wahl, Elsie Mary, 36 a Genesee
Wakefield, Frances Eva, 38 ed Moscow
Wakefield, Harry Marrian, 38 f Emmett
Wakley, Dorothy, G S Logan, Utah
Walden, Agda Sophie, 38 mus.ed
Bonners Ferry
Walden, Robert Dean, G ed. Eugene, Ore.

- Walker, Barbara Alice, 37 edCaldwell
 Walker, Barbara Elizabeth, 38 jc...Hailey
 Walker, Harvie Ellis, 35 ed...Scranton, Pa.
 Walker, James Robert, 36 agMoscow
 Walker, Lester Carl Jr., 36 a...Twin Falls
 Walker, Samuel Branch, 35 chBoise
 Wallace, Clara, 36 edPreston
 Wallen, Helen Marguerite, 38 ed
 Bonners Ferry
 Wallis, Harry Randall, G SBlackfoot
 Walstra, Walter Gerrit, 35 eeWendell
 Walter, Jenny Wren, STwin Falls
 Walters, Ellamae, 37 jcWeiser
 Walters, Rema Alene, 37 edWeiser
 Walton, Dorothy Gregg, 38 jcMoscow
 Wamstad, Charles Oscar, G ceParma
 Ward, Reuben Alfred, G SElba
 Ward, Theron William, 36 aJerome
 Ward, Walter Milan, 36 f
 Bismarck, N. Dak.
 Ward, William George, G SMalad
 Wardle, Norval Junius, 37 agRockland
 Wark, Judson Woodring, 37 ceNampa
 Warlick, Agnes Idell, G SPeck
 Warner, Berenice, G SGrace
 Warner, Carl Wayne, 35 ed P ed
 Lindsay, Cal.
 Warner, Charles Knight, 35 edBoise
 Warner, Ida M., SBoise
 Warner, Victor Eugene Jr., 35 a ..Boise
 Warner, William Franklin, G S A ed
 Kimberly
 Washburn, Nora Delphine, SDeary
 Wasserman, Oscar, 38 f...Los Angeles, Cal.
 Waters, Mary Elizabeth, 38 jc...Twin Falls
 Watkins, Dallas Bay, 37 lawBoise
 Watkins, Evelyn Browne, S ...Homedale
 Watkins, John Goodrich, G S A ed
 Homedale
 Watson, Frank Follette, SRupert
 Watson, James Frederick, 37 chParma
 Watson, Marjean Crites, 37 hMoscow
 Watson, Omer Leo, G S G agMoscow
 Watson, William Benjamin, 37 ae...Peck
 Wayland, James Harold, GMoscow
 Wayland, Virginia Kartzke, G ...Moscow
 Weatherby, Opal Izene, 38 ed...Juliaetta
 Weatherby, Xena Harrison, 37 mus.ed
 Juliaetta
 Weaver, James Franklin, 38 ee...Montpelier
 Webb, Carmen Edith, 37 edWeiser
 Weber, Max Ray, 37 law....Spokane, Wn.
 Weber, Vernon Francis, 38 jc...Rose Lake
 Webster, James Weldon, SRexburg
 Wedin, Jesse Ray, 38 agMoscow
 Wedin, Martha Rosetta, G S A ed.Moscow
 Weissaupt, William Jonathan, 38 ee.Boise
 Wellman, Eula Catherine, 36 ed...Lewiston
 Wellner, Henry Alfred, 37 ee...Twin Falls
 Wells, James Port, 35 aWeiser
 Wells, John Cawse, 36 ge.....Weiser
 Wells, Wade Glenn, 36 agGooding
 Wennersten, Esther Margaret, 38 ed
 Nampa
 Wentworth, Ernestine Cappy, 38 jc
 Ketchikan, Alaska
 Werner, Daniel Glenn, G S
 Mason City, Ill.
 Westerlund, Arnold, 37 jc...Coeur d'Alene
 Westerlund, Helmer, 35 ee...Coeur d'Alene
 Weston, Raymond Arnold, 36 ee
 Spokane, Wn.
 Wetherall, William Bascom, 37 law
 St. Maries
 Wetherell, Robert Miles, 36 b
 Mountain Home
 Wetter, Hans, 38 jcPlummer
 Wetter, Nicklaus, 38 fPlummer
 Whalen, Mary Kathryn, 38 jc.....Payette
 Wheeler, Frances Carolyn, SBoise
 Wheeler, Joe Burton, 36 f
 Baldwin Park, Cal.
 Wheelchel, Harold Carver, G S ..Emmett
 Whitaker, Arthur Charles, 35 s...Shoshone
 White, Adeline Ione, 38 jc.....St. Maries
 White, Albert Hartman, 38 ch
 Bonners Ferry
 White, Arthur Loyd, 39 jcNezperce
 White, Evelyn, 37 edSt. Anthony
 White, Fred Beardsley, G S A ed
 Bonners Ferry
 White, Lillian Olga, G S.Woodland, Cal.
 White, Minnie Pearl, S...Mountain Home
 White, Parthena Jane, 38 jcLewiston
 Whitehead, Albert Edward, G S ...Moscow
 Whiteley, Osburn Earl, 38 jcOakley
 Whiteman, Dorothy Mae, 37 jc ...Cataldo
 Whitesel, Glen Martin Albin, 38 ed
 Spokane, Wn.
 Whitesel, Raymond Clarence, 38 ce...Troy
 Whiteside, Lawrence Winton, 37 jc
 St. Maries
 Whitney, Maxine Dorothy, G S
 Coeur d'Alene
 Wickes, Jo Betty, 37 jcBoise
 Wickes, Mary Gertrude, 38 jcBoise
 Wicks, Belmyr Allen, 38 fBoise
 Wickward, Clifford Leroy, 38 g...Wallace
 Wiens, Helen Gerhart, 38 ed ...Aberdeen
 Wightman, Kinsley Westholt, 39 jc
 Petaluma, Cal.
 Wilburn, Bertha Mae, 35 edBoise
 Wilcox, Jack Chester, 38 jc...Ogden, Utah
 Wilde, Rhea, 38 jcCarey
 Wilde, Willard Joseph, 37 lawMoscow
 Willey, Glenn George, 38 ed ...Grangeville
 Williams, Alden Earl, SBurley
 Williams, Dean Evans, 38 jcMalad
 Williams, Dorothy Clara, 36 bBellevue
 Williams, Edris, 38 jcBoise
 Williams, Helen Lenore, 38 jc
 Spokane, Wn.
 Williams, Homer David, 36 edMalad
 Williams, Ledru A., G SCaldwell
 Williams, Macy Ledru, 37 jc ...Greenleaf
 Williams, Mary Edwina, S 35 h ...Moscow
 Williams, Melborn Max, 36 b...Grangeville
 Williams, Robert Anderson, 37 jc
 Twin Falls
 Williams, Ruland Evan, 38 jcBurley
 Williams, Virginia Marie, 37 ed
 Spokane, Wn.
 Williamson, Frances Renetta, 38 jc.Jerome
 Willis, Galen Nesbit, 36 lawRupert
 Willmore, Bert LeRoy, 37 agRexburg
 Willsey, Marian, 38 jcIdaho Falls
 Wilson, Angus Archibald, 36 a ...Kamiah
 Wilson, Arthur Verne, G mus.ed.Moscow
 Wilson, Catherine Jean, 35 ed ...Moscow
 Wilson, Charles Eugene, 35 ed...Blackfoot
 Wilson, Cromie Ieland, 37 jcLewiston
 Wilson, Donald William, 38 f
 Spokane, Wn.
 Wilson, Helen Eliza, 37 ed ...Twin Falls
 Wilson, Helen Pauline, 36 aLewiston
 Wilson, Hugh Edward, SCastleford
 Wilson, Karl J., 38 mus.ed.....Burley
 Wilson, Marjorie Eleanor, 36 ed...Moscow
 Wilson, Nellie Berniece, 36 mus.ed...Kuna
 Wilson, Noel Avon, 37 jcKellogg
 Wilson, Ralph Coleman, 38 jc...Twin Falls
 Wilson, Robert Jesse, 38 fClarksfork
 Wilson, Ronald Brazee, G SBurley
 Wilson, Thomas Israel, 37 f
 Hopewell, N. J.
 Wilson, Thomas Ross, G SDriggs

- Wimer, Frances Lee, 35 mus.ed....Wallace
 Wines, Jeanette Eda, S 36 ed....Boise
 Winter, Galen Clayton, 37 jc....Rexburg
 Winters, Frederick Adelbert, 38 ee.Stibnite
 Wirt, Lillian Jeanette, sp h
 Los Angeles, Cal.
 Wise, Henry Francis, 38 g
 Hollywood, Cal.
 Wise, Paul, 37 ag....Covina, Cal.
 Wiseman, Donald Miller, 35 ee
 New Plymouth
 Wiseman, Howard Leonard, G S
 Twin Falls
 Wiswall, Clinton Henry, G S G ag.Moscow
 Witherell, Thomas David, 38 ed...Kellogg
 Witter, Donald Kenneth, 38 jc...Moscow
 Witwer, Sheldon Russell, 35 s
 Bonners Ferry
 Wohlaib, Esther Mae, 36 h....Twin Falls
 Wolf, Amber Irene, 37 jc
 Livingston, Mont.
 Wolfe, Georgia Fay, S....Spokane, Wn.
 Wolfe, Helen Lucile, S 37 law
 Spokane, Wn.
 Wood, Edgar Lyman Jr. 37 s....Wallace
 Wood, Edna Belle, 37 ed....Boise
 Wood, Everett Roberts, 38 jc....Caldwell
 Wood, Morton Alden, 38 f....Huston
 Woodcock, Gretchen Mae, 37 jc
 Coeur d'Alene
 Woodin, Jayne Elizabeth, 38 jc
 Olympia, Wn.
 Woodruff, J. R. Jr., 37 min....Boise
 Woodruff, Leo Aaron, 35 min...Blackfoot
 Woodruff, Samuel Amos, 36 ch...Blackfoot
 Woods, Jack Elison, 37 ag....Emmett
 Woodward, Clifford William, 38 jc..Leland
 Woodward, George Kermit, S 35 ed G ed
 Moscow
 Woodward, Malcolm Vernon, 38 jc.Payette
 Woodworth, Horace Jerome, S..Ferdinand
- Woody, Howard Glenn, 37 jc
 Park Ridge, Ill.
 Woolley, Samuel Bates, 37 f....Moscow
 Worley, Clair Lynnette, G s
 Phalanx Sta., Ohio
 Wray, Marie Madeline, 38 ed....Weiser
 Wright, Fern, S....Sterling
 Wright, George Burnell, S....King Hill
 Wright, James Lewis, 38 jc....Buhl
 Wright, Jonathan William, 38 f
 Spokane, Wn.
 Wright, Loren Hugh, 35 f..Berkeley, Cal.
 Wright, Paul Wilson, 37 f..Berkeley, Cal.
 Wright, Pender Thomas, 38 jc....Moscow
 Wright, Raymond Orr Jr., 38 f
 National City, Cal.
 Wright, Telfer Espa, 36 ed....Plummer
 Wurster, Marjorie Bell, 35 ed..Rogerson
 Wycoff, Margaret Elizabeth, 38 jc
 Spokane, Wn.
- Y**
 Yagga, Elinor May, G S....Rupert
 Yahraus, Fred Andrew Jr., 38 f
 Clarkston, Wn.
 Yeager, Charles Casper Jr., 38 jc
 Philadelphia, Pa.
 Yearsley, Maurice Charles, 36 f...Menan
 Yorgenson, Vardella, S....Rigby
 York, Clifton Grover, 38 jc....Rupert
 York, Wayne Leroy, 36 ed....Carey
 Yost, Darrell Herman, S....Blackfoot
 Yost, Rita Mary, G S....Kellogg
 Young, Burton Henry, 36 b....Rathdrum
 Young, Howard James, 37 jc....Wallace
- Z**
 Ziegler, Virginia Ann, 37 ed....Moscow
 Ziminski, Henry Victor, 35 f
 Gardner, Mass.
 Zimmerman, Don Rolance, 39 f....Boise
 Zuur, Theodore Jerome, 38 f..Orinda, Cal.

SPECIAL STUDENTS—NON-COLLEGE CREDIT

Symbols in the following list are to be interpreted thus:

S Summer School
 m Music

d Commercial Dairying
 mm Motor Mechanics

- Adkins, Marion, m S....Richfield
 Armour, Jean, m S m....Moscow
 Atkinson, Melvin Sweeten, mm..Holbrook
 Bailey, Barbara Gertrude, m S...Moscow
 Baken, Harriet Inegene, m S....Moscow
 Ball, Alfred D., d....Jerome
 Barstow, Georgia, m S m....Moscow
 Bay, Hilman, d....Anaheim, Cal.
 Benson, Benny Bernard, mm...St. Maries
 Berilla, Thomas Lorraine, d
 Enumclaw, Wn.
 Bevis, Ruth Lee, m S....Moscow
 Blake, Albert Webster, m....Moscow
 Bloor, Byron, m....Moscow
 Boothroyd, Rachel Louise, m S
 Enumclaw, Wn.
 Brown, Donald M., d....Kalispell, Mont.
 Crawford, Jean, m S m....Moscow
 Cummings, Jean, m....Moscow
 Dwight, Marian, m S....Filer
 Fahrenwald, Mary-Low, m S m...Moscow
 Farley, Lee, d....Okanogan, Wn.
 Farmer, Frederick, m....Moscow
 Fedder, Jean, m....Moscow
 Gabby, Mary, m....Moscow
 Gabby, Maxine, m S....Moscow
 Gehrke, Gertrude, m S....Moscow
 Glass, David, m....Moscow
- Gray, Raymond Charles, mm....Burke
 Greer, Hazel, m S....Lewiston
 Hampton, Madge, m S....Eugene, Ore
 Harmon, Murl Denver, mm....Moscow
 Hartnett, Emmett Francis, d....Weiser
 Hauck, Lulu Mae, m S m....Moscow
 Houx, Marvel, m S....Orofino
 Howard, Jane, m....Moscow
 Howard, John Wilbur, m....Moscow
 Hutchinson, Jessie Edith, m S....Moscow
 Johnson, Emma, m S....Albion
 Johnson, Jerome, m....Moscow
 Johnson, Roy Wellington, mm...Orofino
 Johnson, Woodrow Charles, mm..Nezperce
 Juran, Arthur Ralph, mm....Moscow
 Kennard, Patricia Ann, m S....Moscow
 Kenworthy, Joyce, m....Moscow
 Kircher, Kenneth Albert, d....Buhl
 Kreibel, Alta, m S....Garfield, Wn.
 Kreibel, Leonard, m S m...Garfield, Wn.
 Kreibel, Verna May, m....Garfield, Wn.
 Lallatin, Ulysses S., d....Soda Springs
 Lindsay, Robert Edward, mm.Palouse, Wn.
 Loney, Arthur G., d....Roy, Wn.
 Lyon, Alice Sarah, m....Moscow
 McComb, Marion Jane, m S....Troy
 McCoy, Bernice, m....Moscow
 McGuire, Dorothy W., m S....Shoshone

Miller, Catherine, m S	Moscow	Scovill, Henry, d	Columbus, Mont.
Morton, Donald Elton, mm	Moscow	Shattuck, Victor Hugh, mm.	Coeur d'Alene
Mottern, Bette Anita, m S	St. Maries	Smith, Richard, m S	Garfield, Wn.
Norman, Paul Arnold, d	Sandpoint	Sorenson, Archie, mm	Moscow
O'Conner, Clement J., m	Moscow	Stone, Lois, m S m	Moscow
Perkins, Jeanne Anne, m S m ..	Moscow	Swartz, Gaylord William, mm ..	Nezperce
Peterson, Alice, m S	Moscow	Taylor, Brooks Righter, d ...	Eugene, Ore.
Peterson, Conrad Emanuel, d	Boise	Teske, Ewald August, d	South Haven, Mich.
Peterson, Gerald E., mm	Troy	Thompson, Charles, m S	Moscow
Porret, Edmund Wilhelm, mm.	St. Maries	Ward, Smith C., d	Jerome
Ramstedt, Lucile Victoria, m S..	Moscow	Wedin, Roy Mitchell, mm	Moscow
Rasmussen, Anthony Lyle, d.	Laurel, Mont.	Welchel, Elsie Johns, m S	Emmett
Richmond, T. W., d	Buhl	Wilmot, Orville Martin, d..	Anacortes, Wn.
Ruppert, Shirley Edward, d..	Renton, Wn.	Wilson, Arthur Verne, m	Moscow
Rydholm, Margaret Victoria, m ..	Moscow	Wilson, Karl, m S	Burley
Sartwell, Neva, m	Moscow	Wolfe, Stanley Kalfrey, mm ...	St. Maries
Schwartz, Pauline Frances, m S ..	Solomon, Kan.		

GEOGRAPHICAL DISTRIBUTION OF STUDENTS

SUMMARY

	College	Non-Resident	Special Courses	Summer School	Students in Absentia
Idaho	2094	194	47	667	35
States other than Idaho	311	34	14	104	11
Territories and Foreign Countries ..	20	4	..	..	..
Total	2425	232	61	771	46

COUNTIES IN IDAHO

	College	Non-Resident	Special Courses	Summer School	Students in Absentia
Ada	156	16	1	27	2
Adams	9	2	..	..	..
Bannock	62	11	..	28	..
Bear Lake	11	3	..	7	..
Benewah	55	2	3	15	..
Bingham	48	4	..	20	..
Blaine	15	1	..	3	1
Boise	6	..	..	1	..
Bonner	45	1	..	8	2
Bonneville	23	1	..	10	1
Boundary	18	1	1	14	1
Butte	9	..	..	2	..
Camas	4	..	..	2	..
Canyon	68	12	..	19	1
Caribou	10	..	1	1	..
Cassia	58	3	..	18	1
Clearwater	26	6	1	19	..
Custer	6	1	..	..	..
Elmore	22	6	..	7	..
Franklin	17	1	..	17	..
Fremont	23	5	..	7	2
Gem	30	4	..	9	..
Gooding	38	4	..	10	..
Idaho	33	2	..	15	..
Jefferson	11	1	..	9	..
Jerome	32	1	2	4	..
Kootenai	126	5	1	29	1
Latah	491	31	30	156	3
Lemhi	11	2	..	2	..
Lewis	40	6	2	9	1
Lincoln	9	2	..	11	..
Madison	53	2	..	22	2
Minidoka	41	4	..	15	..
Nez Perce	115	12	..	44	4
Oneida	15	..	1	11	..
Owyhee	5	..	..	4	1
Payette	38	3	..	10	3
Power	6	..	..	7	..
Shoshone	120	18	1	22	3
Teton	8	..	..	3	1
Twin Falls	134	13	2	36	5
Valley	15	4	..	3	..
Washington	32	4	1	11	..
Total	2094	194	47	667	35

STATES OTHER THAN IDAHO

	College	Non-Resident	Special Courses	Summer School	Students in Absentia
Arizona	1	..	..	..	..
California	50	3	1	7	3
Colorado	1	1	..	1	..
Connecticut	6	..	..	..	..
Florida	1	..	..	..	..
Illinois	6	1	..	1	..
Indiana	4	1	..	..	..
Iowa	8	..	..	1	..
Kansas	3	..	..	1	..
Kentucky	1	..	..	..	..
Maryland	1	..	..	..	..
Massachusetts ..	9	..	..	..	..
Michigan	1	..	1	..	..
Minnesota	2	1	..	2	..
Missouri	1	1	..	..	..
Montana	7	4	3	1	..
Nebraska	4	..	..	..	..
Nevada .....	..	1	..	1	..
New Jersey	4	..	..	..	..
New Mexico	1	..	..	..	..
New York	6	2	..	1	..
North Dakota ..	7	..	..	3	..
Oklahoma .....	..	..	..	1	..
Ohio	10	1	..	..	3
Oregon	14	4	1	10	..
Pennsylvania ..	10	..	..	..	..
South Dakota ..	5	..	..	2	1
Texas	1	..	..	..	..
Utah	9	..	..	22	..
Vermont	1	..	..	..	..
Virginia	1	..	..	..	..
Washington	127	12	8	49	4
Washington, D.C.	1	1	..	..	..
Wisconsin	5	1	..	..	..
Wyoming	3	..	..	1	..
Total	311	34	14	104	11

TERRITORIES AND FOREIGN COUNTRIES

	College	Non-Resident	Special Courses	Summer School	Students in Absentia
Alaska	4	1	..	..	..
Canada	7	2	..	..	..
Hawaii	1	1	..	..	..
India	1	..	..	..	..
Persia	2	..	..	..	..
Philippine Islands	5	..	..	..	..
Total	20	4	..	..	..

CONSOLIDATED ENROLLMENT TABLE, YEAR 1934-35 TO MARCH 2, 1935

COLLEGE, COURSE or CURRICULUM	Graduate Students			Seniors			Juniors			Sophomores			Freshmen			Unclassed			Total by Curricula			Total by Colleges		
	†M	W	T	M	W	T	M	W	T	M	W	T	M	W	T	M	W	T	M	W	T	M	W	T
COLLEGE OF LETTERS AND SCIENCE...	40	26	66	32	37	69	58	54	112	10	9	19	..	..	..	1	1	2	..	..	..	141	127	268
Arts	16	23	39	16	16	32	31	29	60	8	4	12	..	..	..	1	..	1	72	72	144	..	..	..
Science	24	3	27	13	2	15	13	4	17	1	..	1	..	..	..	..	..	..	51	9	60	..	..	..
Pre-Medical Studies .....	..	..	..	3	1	4	14	1	15	1	..	1	..	..	..	..	..	..	18	2	20	..	..	..
Home Economics .....	..	..	..	..	18	18	..	18	18	..	5	5	..	..	..	..	1	1	..	42	42	..	..	..
Pre-Nursing Studies .....	..	..	..	..	..	..	..	2	2	..	..	..	..	..	..	..	..	..	..	2	2	..	..	..
COLLEGE OF AGRICULTURE	14	..	14	30	..	30	49	1	50	51	..	51	78	..	78	..	..	..	..	..	..	222	1	223
COLLEGE OF ENGINEERING	5	..	5	58	..	58	64	1	65	64	..	64	109	..	109	1	..	1	61	1	62	301	1	302
Civil Engineering	2	..	2	10	..	10	14	1	15	12	..	12	23	..	23	..	..	..	118	..	118	..	..	..
Electrical Engineering .....	..	..	..	24	..	24	24	..	24	27	..	27	43	..	43	..	..	..	59	..	59	..	..	..
Mechanical Engineering	2	..	2	13	..	13	9	..	9	11	..	11	23	..	23	1	..	1	63	..	63	..	..	..
Chemical Engineering	1	..	1	11	..	11	17	..	17	14	..	14	20	..	20	..	..	..	..	..	..	12	..	12
COLLEGES OF AGR. AND ENGR.	3	..	3	1	..	1	1	..	1	3	..	3	4	..	4	..	..	..	..	..	..	50	2	52
Agricultural Engineering	3	..	3	1	..	1	1	..	1	3	..	3	4	..	4	..	..	..	..	..	..	72	..	72
COLLEGE OF LAW .....	..	..	..	4	..	4	17	..	17	21	2	23	..	..	..	8	..	8	..	..	..	..	..	..
SCHOOL OF MINES	2	..	2	13	..	13	14	..	14	17	..	17	25	..	25	1	..	1	30	..	30	..	..	..
Mining Engineering .....	..	..	..	3	..	3	2	..	2	7	..	7	18	..	18	..	..	..	18	..	18	..	..	..
Geology	2	..	2	4	..	4	4	..	4	4	..	4	4	..	4	..	..	..	8	..	8	..	..	..
Metallurgy .....	..	..	..	2	..	2	1	..	1	3	..	3	1	..	1	1	..	1	12	..	12	..	..	..
Geological Engineering .....	..	..	..	2	..	2	6	..	6	3	..	3	1	..	1	..	..	..	4	..	4	..	..	..
Metallurgical Engineering .....	..	..	..	2	..	2	1	..	1	..	..	..	1	..	1	..	..	..	..	..	..	268	..	268
SCHOOL OF FORESTRY	4	..	4	20	..	20	42	..	42	56	..	56	145	..	145	1	..	1	77	..	77	232	284	516
SCHOOL OF EDUCATION	25	17	42	44	52	96	55	67	122	49	73	122	59	75	134	..	..	..	218	261	479	..	..	..
Education	23	16	39	44	47	91	54	61	115	44	66	110	53	71	124	..	..	..	14	23	37	75	28	103
Music Education	2	1	3	..	5	5	1	6	7	5	7	12	6	4	10	..	..	..	..	..	..	358	258	616
SCHOOL OF BUSINESS ADMINISTRATION	1	1	2	23	8	31	35	16	51	16	3	19	..	..	..	2	3	5	..	..	..	..	..	..
JUNIOR COLLEGE .....	..	..	..	..	..	..	..	..	..	123	76	199	233	179	412	..	..	..	69	111	180	..	..	..
Arts .....	..	..	..	..	..	..	..	..	..	26	29	55	42	82	124	1	..	1	30	9	39	..	..	..
Science .....	..	..	..	..	..	..	..	..	..	7	1	8	23	8	31	..	..	..	69	6	75	..	..	..
Pre-Medical Studies .....	..	..	..	..	..	..	..	..	..	29	1	30	39	5	44	1	..	1	..	..	..	..	..	..
Home Economics .....	..	..	..	..	..	..	..	..	..	25	25	..	39	39	..	..	..	..	64	64	..	..	..	..
Music (B.M.) .....	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	1	1	..	..	..	..
Pre-Nursing Studies .....	..	..	..	..	..	..	..	..	..	3	3	..	4	4	..	..	..	..	7	7	..	..	..	..
Pre-Law .....	..	..	..	..	..	..	..	..	..	19	1	20	27	1	28	..	..	..	46	2	48	..	..	..
Business .....	..	..	..	..	..	..	..	..	..	42	16	58	92	37	129	..	1	1	134	54	188	..	..	..
Curric. not designated .....	..	..	..	..	..	..	..	..	..	..	..	..	10	2	12	..	2	2	10	4	14	..	..	..
TOTAL IN REGULAR CURRICULA	94	44	138	225	97	322	335	139	474	410	163	573	653	254	907	14	4	18	..	..	..	1731	701	2432*
SPECIAL COURSES .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9	17	26	44	17	61
Music .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	16	..	16	..	..	..
Motor Mechanics .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	19	..	19	..	..	..
Commercial Dairying .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
NON-RESIDENT (College Credit) .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	125	107	232	..	..	..
SUMMER SCHOOL	183	129	312	men 107, women 233, total 340; Special courses	47	72	119	..	..	..	..	..	..	..	..	..	..	..	337	434	771	..	..	..
STUDENTS IN ABSENTIA	36	10	46	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	36	10	46	..	..	..
GRAND TOTAL .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2273	1269	3542*	..	..	..
Deduct for names entered more than once .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	140	141	281	..	..	..
NET TOTAL .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2133	1128	3261	..	..	..

*Deduct seven men for mid-year graduates taking graduate work.

†M—Men. W—Women. T—Total

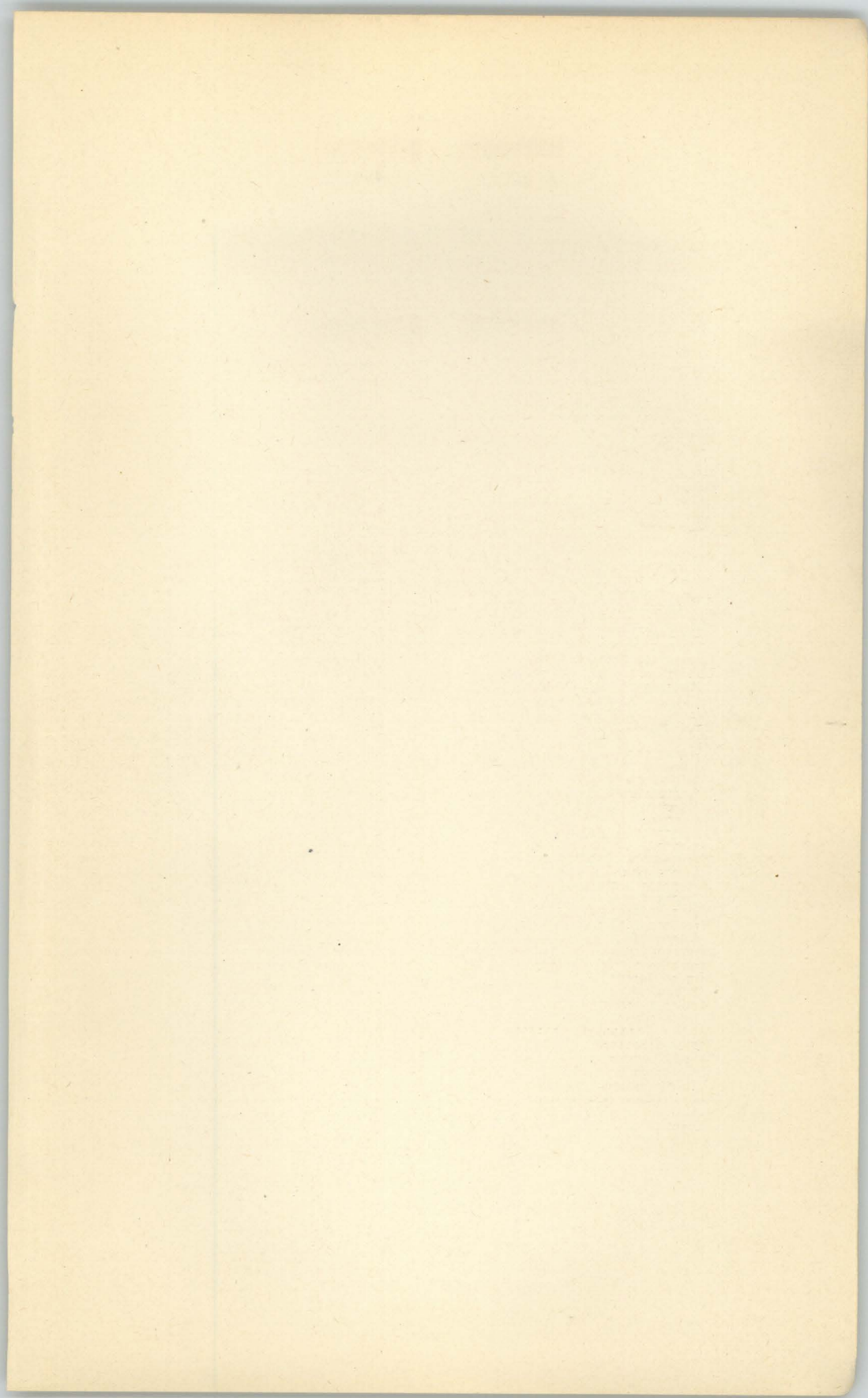
CONSOLIDATED ENROLLMENT TABLE, SOUTHERN BRANCH, UNIVERSITY OF IDAHO, Year 1934-35 to March 2, 1935

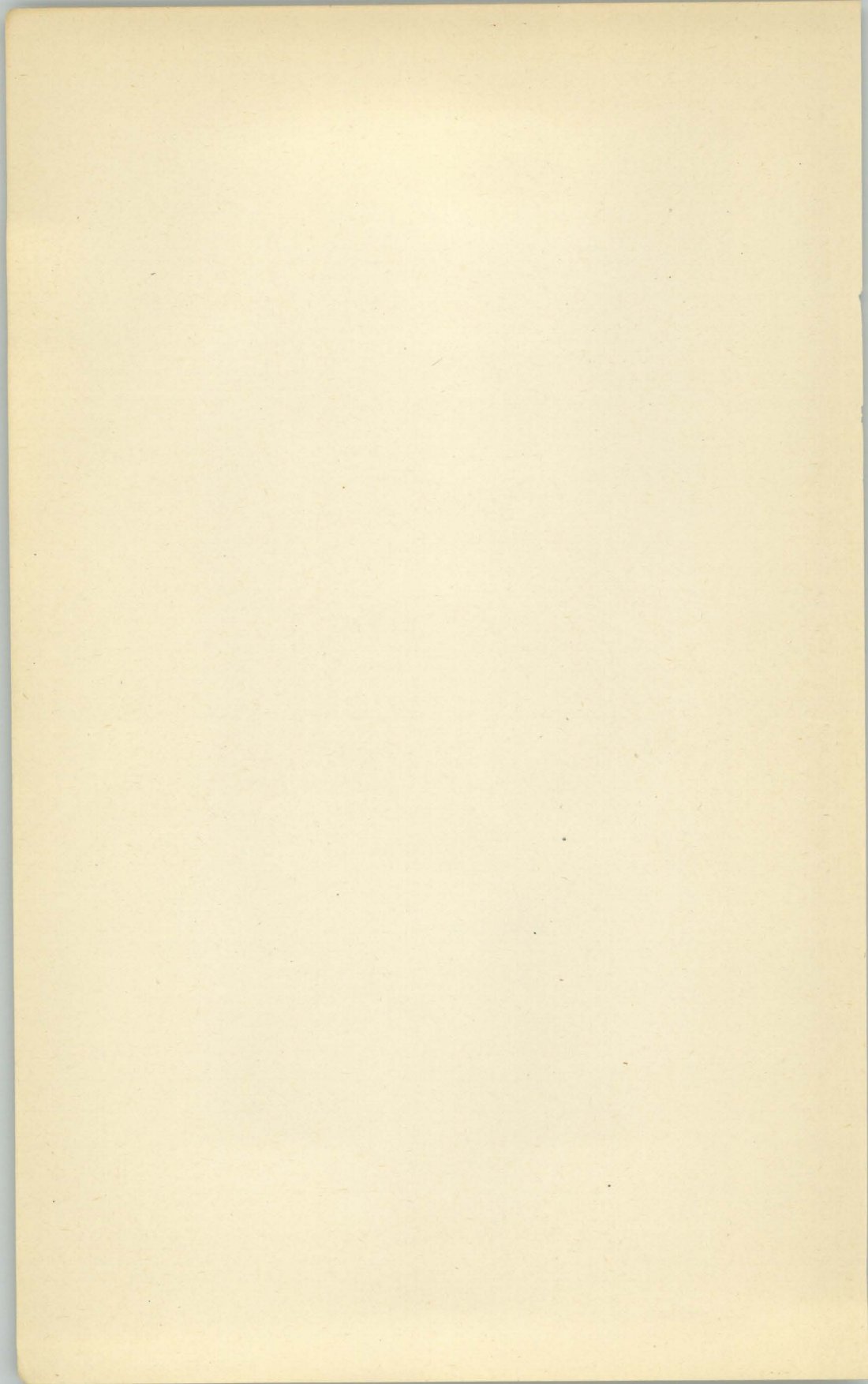
DIVISION, COURSE OF CURRICULUM	4th Year			3rd Year			Sophomores			Freshmen			Unclassed			Total by Curricula			Total by Divisions		
DIVISION	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total
DIVISION OF LETTERS AND SCIENCE.....	..	..	..	..	..	..	110	131	241	265	187	452	4	13	17				379	331	710
Junior College .....	..	..	..	..	..	..	61	74	135	155	103	258	2	8	10	218	185	403			
Music .....	..	..	..	..	..	..	1	1	2	2	3	5	..	2	2	3	6	9			
Agriculture .....	..	..	..	..	..	..	1	..	1	3	..	3	1	..	1	5	..	5			
Forestry .....	..	..	..	..	..	..	22	..	22	78	..	78	..	..	..	100	..	100			
Education .....	..	..	..	..	..	..	25	56	81	26	81	107	1	3	4	52	140	192			
Vocational: Merchandising .....	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	1	..	1			
DIVISION OF ENGINEERING .....	..	..	..	3	..	3	45	..	45	47	..	47	..	..	..				95	..	95
Civil Engineering .....	..	..	..	..	..	..	8	..	8	14	..	14	..	..	..	22	..	22			
Electrical Engineering .....	..	..	..	..	..	..	17	..	17	17	..	17	..	..	..	34	..	34			
Chemical Engineering .....	..	..	..	3	..	3	7	..	7	5	..	5	..	..	..	15	..	15			
Mechanical Engineering .....	..	..	..	..	..	..	9	..	9	11	..	11	..	..	..	20	..	20			
Mining Engineering .....	..	..	..	..	..	..	4	..	4	..	..	..	..	..	..	4	..	4			
COLLEGE OF PHARMACY.....	20	1	21	19	2	21	29	7	36	44	4	48	2	..	2				114	14	128
TOTAL IN REGULAR CURRICULA	20	1	21	22	2	24	184	138	322	356	191	547	6	13	19				588	345	933
SPECIAL COURSES																			64	8	72
Auto Mechanics																36	..	36			
Music																28	8	36			
GRAND TOTAL																			652	353	1005

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Curriculum	81	and <i>Departments of Instruction</i>	
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Agricultural Experiment Station	101	Dairy Husbandry, Courses	139
Agricultural Extension	104	Debate Courses	152
Field Staff	218	Degrees Granted	29
County Agents	219	Advanced	30, 87
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Home Demonstration Agents	219	Conferred June, 1934	225
Officers	218	Departments of Instruction	111
Agriculture, College of	52	Dramatics, Courses	152
Curriculum	55	Curriculum	44
Majors	56	Economics, Courses	140
Agronomy, Courses	116	Curriculum	45
Alumni Officers	225	Education, School of	79
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Auditors	33	Enrollment Statistics	252
Bacteriology, Courses	124	Entomology, Courses	155
Curriculum	43	European History, Courses	156
Band Instruments, Courses	187	Curriculum	45
Band, Military	177, 182	Examinations	26
Blister Rust Control Staff	220	Advanced Degrees	88
Board and Room Rates	10	Comprehensive	42, 147
Board of Regents	207	Entrance	26
Borah Foundation	9	Music	187
Botany, Courses	126	Special	35
Curriculum	44	Expenses	10
Buildings	4	Experiment Stations	99
Bureau of Mines and Geology	104	Agricultural	101
Research Staff	220	Engineering	103
Business Administration, School of	82	Mining	104
Courses	128	Extension, University	99
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Curriculum	60	Courses	157
Classical Languages, Courses	136	Fraternal Organizations	19
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Miller, Catherine, m S	Moscow	Scovill, Henry, d	Columbus, Mont.
Morton, Donald Elton, mm	Moscow	Shattuck, Victor Hugh, mm.	Coeur d'Alene
Mortern, Bette Anita, m S	St. Maries	Smith, Richard, m S	Garfield, Wn.
Norman, Paul Arnold, d	Sandpoint	Sorenson, Archie, mm	Moscow
O'Conner, Clement J., m	Moscow	Stone, Lois, m S m	Moscow
Perkins, Jeanne Anne, m S m ...	Moscow	Swartz, Gaylord William, mm ...	Nezperce
Peterson, Alice, m S	Moscow	Taylor, Brooks Righter, d ...	Eugene, Ore.
Peterson, Conrad Emanuel, d	Boise	Teske, Ewald August, d	South Haven, Mich.
Peterson, Gerald E., mm	Troy	Thompson, Charles, m S	Moscow
Porret, Edmund Wilhelm, mm.	St. Maries	Ward, Smith C., d	Jerome
Ramstedt, Lucile Victoria, m S...	Moscow	Wedin, Roy Mitchell, mm	Moscow
Rasmussen, Anthony Lyle, d.	Laurel, Mont.	Welchel, Elsie Johns, m S	Emmett
Richmond, T. W., d	Buhl	Wilmot, Orville Martin, d.	Anacortes, Wn.
Ruppert, Shirley Edward, d.	Renton, Wn.	Wilson, Arthur Verne, m	Moscow
Rydholm, Margaret Victoria, m ...	Moscow	Wilson, Karl, m S	Burley
Sartwell, Neva, m	Moscow	Wolfe, Stanley Kalfrey, mm ...	St. Maries
Schwartz, Pauline Frances, m S			
Solomon, Kan.			

GEOGRAPHICAL DISTRIBUTION OF STUDENTS

SUMMARY

	College	Non-Resident	Special Courses	Summer School	Students in Absentia
Idaho	2094	194	47	667	35
States other than Idaho	311	34	14	104	11
Territories and Foreign Countries ..	20	4	..	..	..
Total	2425	232	61	771	46

COUNTIES IN IDAHO

	College	Non-Resident	Special Courses	Summer School	Students in Absentia
Ada	156	16	1	27	2
Adams	9	2	..	..	..
Bannock	62	11	..	28	..
Bear Lake	11	3	..	7	..
Benewah	55	2	3	15	..
Bingham	48	4	..	20	..
Blaine	15	1	..	3	1
Boise	6	..	..	1	..
Bonner	45	1	..	8	2
Bonneville	23	1	..	10	1
Boundary	18	1	1	14	1
Butte	9	..	..	2	..
Camas	4	..	..	2	..
Canyon	68	12	..	19	1
Caribou	10	..	1	1	..
Cassia	58	3	..	18	1
Clearwater	26	6	1	19	..
Custer	6	1	..	..	..
Elmore	22	6	..	7	..
Franklin	17	1	..	17	..
Fremont	23	5	..	7	2
Gem	30	4	..	9	..
Gooding	38	4	..	10	..
Idaho	33	2	..	15	..
Jefferson	11	1	..	9	..
Jerome	32	1	2	4	..
Kootenai	126	5	1	29	1
Latah	491	31	30	156	3
Lemhi	11	2	..	2	..
Lewis	40	6	2	9	1
Lincoln	9	2	..	11	..
Madison	53	2	..	22	2
Minidoka	41	4	..	15	..
Nez Perce	115	12	..	44	4
Oneida	15	..	1	11	..
Owyhee	5	..	..	4	1
Payette	38	3	..	10	3
Power	6	..	..	7	..
Shoshone	120	18	1	22	3
Teton	8	..	..	3	1
Twin Falls	134	13	2	36	5
Valley	15	4	..	3	..
Washington	32	4	1	11	..
Total	2094	194	47	667	35

STATES OTHER THAN IDAHO

	College	Non-Resident	Special Courses	Summer School	Students in Absentia
Arizona	1	..	..	..	..
California	50	3	1	7	3
Colorado	1	1	..	1	..
Connecticut	6	..	..	..	..
Florida	1	..	..	..	..
Illinois	6	1	..	1	..
Indiana	4	1	..	..	..
Iowa	8	..	..	1	..
Kansas	3	..	..	1	..
Kentucky	1	..	..	..	..
Maryland	1	..	..	..	..
Massachusetts ..	9	..	..	..	..
Michigan	1	..	1	..	..
Minnesota	2	1	..	2	..
Missouri	1	1	..	..	..
Montana	7	4	3	1	..
Nebraska	4	..	..	..	..
Nevada .....	..	1	..	1	..
New Jersey	4	..	..	..	..
New Mexico	1	..	..	..	..
New York	6	2	..	1	..
North Dakota ..	7	..	..	3	..
Oklahoma .....	..	..	..	1	..
Ohio	10	1	..	..	..
Oregon	14	4	1	10	3
Pennsylvania ..	10	..	..	..	..
South Dakota ..	5	..	..	2	1
Texas	1	..	..	..	..
Utah	9	..	..	22	..
Vermont	1	..	..	..	..
Virginia	1	..	..	..	..
Washington	127	12	8	49	4
Washington, D.C.	1	1	..	..	..
Wisconsin	5	1	..	..	..
Wyoming	3	..	..	1	..
Total	311	34	14	104	11

TERRITORIES AND FOREIGN COUNTRIES

	College	Non-Resident	Special Courses	Summer School	Students in Absentia
Alaska	4	1	..	..	..
Canada	7	2	..	..	..
Hawaii	1	1	..	..	..
India	1	..	..	..	..
Persia	2	..	..	..	..
Philippine Islands	5	..	..	..	..
Total	20	4	..	..	..

CONSOLIDATED ENROLLMENT TABLE, YEAR 1934-35 TO MARCH 2, 1935

12591

COLLEGE, COURSE or CURRICULUM	Graduate Students			Seniors			Juniors			Sophomores			Freshmen			Unclassed			Total by Curricula			Total by Colleges		
COLLEGE	†M	W	T	M	W	T	M	W	T	M	W	T	M	W	T	M	W	T	M	W	T	M	W	T
COLLEGE OF LETTERS AND SCIENCE...	40	26	66	32	37	69	58	54	112	10	9	19	..	..	..	1	1	2	..	..	..	141	127	268
Arts	16	23	39	16	16	32	31	29	60	8	4	12	..	..	..	1	..	1	72	72	144	..	..	..
Science	24	3	27	13	2	15	13	4	17	1	..	1	..	..	..	..	..	..	51	9	60	..	..	..
Pre-Medical Studies .....	..	..	..	3	1	4	14	1	15	1	..	1	..	..	..	..	..	..	18	2	20	..	..	..
Home Economics .....	..	..	..	..	18	18	..	18	18	..	5	5	..	..	..	1	1	..	..	42	42	..	..	..
Pre-Nursing Studies .....	..	..	..	..	..	..	..	2	2	..	..	..	..	..	..	..	..	..	..	2	2	..	..	..
COLLEGE OF AGRICULTURE	14	..	14	30	..	30	49	1	50	51	..	51	78	..	78	..	..	..	..	..	222	1	223	
COLLEGE OF ENGINEERING	5	..	5	58	..	58	64	1	65	64	..	64	109	..	109	1	..	1	..	..	301	1	302	
Civil Engineering	2	..	2	10	..	10	14	1	15	12	..	12	23	..	23	..	..	..	61	1	62	..	..	..
Electrical Engineering .....	..	..	..	24	..	24	24	..	24	27	..	27	43	..	43	..	..	..	118	..	118	..	..	..
Mechanical Engineering	2	..	2	13	..	13	9	..	9	11	..	11	23	..	23	1	..	1	59	..	59	..	..	..
Chemical Engineering	1	..	1	11	..	11	17	..	17	14	..	14	20	..	20	..	..	..	63	..	63	..	..	..
COLLEGES OF AGR. AND ENGR.	3	..	3	1	..	1	1	..	1	3	..	3	4	..	4	..	..	..	12	..	12	..	..	..
Agricultural Engineering	3	..	3	1	..	1	1	..	1	3	..	3	4	..	4	..	..	..	..	..	50	2	52	
COLLEGE OF LAW .....	..	..	..	4	..	4	17	..	17	21	2	23	..	..	..	8	..	8	72	..	72	..	..	..
SCHOOL OF MINES	2	..	2	13	..	13	14	..	14	17	..	17	25	..	25	1	..	1	..	..	..	..	..	..
Mining Engineering .....	..	..	..	3	..	3	2	..	2	7	..	7	18	..	18	..	..	..	30	..	30	..	..	..
Geology	2	..	2	4	..	4	4	..	4	4	..	4	4	..	4	..	..	..	18	..	18	..	..	..
Metallurgy .....	..	..	..	2	..	2	1	..	1	3	..	3	1	..	1	1	..	1	8	..	8	..	..	..
Geological Engineering .....	..	..	..	2	..	2	6	..	6	3	..	3	1	..	1	..	..	..	12	..	12	..	..	..
Metallurgical Engineering .....	..	..	..	2	..	2	1	..	1	..	..	..	1	..	1	..	..	..	4	..	4	..	..	..
SCHOOL OF FORESTRY	4	..	4	20	..	20	42	..	42	56	..	56	145	..	145	1	..	1	..	..	268	..	268	
SCHOOL OF EDUCATION	25	17	42	44	52	96	55	67	122	49	73	122	59	75	134	..	..	..	232	284	516	..	..	..
Education	23	16	39	44	47	91	54	61	115	44	66	110	53	71	124	..	..	..	218	261	479	..	..	..
Music Education	2	1	3	..	5	5	1	6	7	5	7	12	6	4	10	..	..	..	14	23	37	..	..	..
SCHOOL OF BUSINESS ADMINISTRATION	1	1	2	23	8	31	35	16	51	16	3	19	..	..	..	..	..	..	75	28	103	..	..	..
JUNIOR COLLEGE .....	..	..	..	..	..	..	..	..	..	123	76	199	233	179	412	2	3	5	358	258	616	..	..	..
Arts .....	..	..	..	..	..	..	..	..	..	26	29	55	42	82	124	1	..	1	69	111	180	..	..	..
Science .....	..	..	..	..	..	..	..	..	..	7	1	8	23	8	31	..	..	1	30	9	39	..	..	..
Pre-Medical Studies .....	..	..	..	..	..	..	..	..	..	29	1	30	39	5	44	1	..	1	69	6	75	..	..	..
Home Economics .....	..	..	..	..	..	..	..	..	..	..	25	25	..	39	39	..	..	..	64	64	..	..	..	..
Music (B.M.) .....	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	1	1	..	..	..	..
Pre-Nursing Studies .....	..	..	..	..	..	..	..	..	..	3	3	..	4	4	..	..	..	..	7	7	..	..	..	..
Pre-Law .....	..	..	..	..	..	..	..	..	..	19	1	20	27	1	28	..	..	..	46	2	48	..	..	..
Business .....	..	..	..	..	..	..	..	..	..	42	16	58	92	37	129	..	1	1	134	54	188	..	..	..
Curric. not designated .....	..	..	..	..	..	..	..	..	..	..	..	..	10	2	12	..	2	2	10	4	14	..	..	..
TOTAL IN REGULAR CURRICULA	94	44	138	225	97	322	335	139	474	410	163	573	653	254	907	14	4	18	..	..	..	1731	701	2432*
SPECIAL COURSES .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9	17	26	44	17	61
Music .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	16	..	16	..	..	..
Motor Mechanics .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	19	..	19	..	..	..
Commercial Dairying .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
NON-RESIDENT (College Credit) ...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	125	107	232	
SUMMER SCHOOL	183	129	312	men 107, women 233, total 340; Special courses	47	72	119	..	..	..	..	..	..	..	..	..	..	..	337	434	771	..	..	..
STUDENTS IN ABSENTIA	36	10	46	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	36	10	46	..	..	..
GRAND TOTAL .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2273	1269	3542*	..	..	..
Deduct for names entered more than once .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	140	141	281	..	..	..
NET TOTAL .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2133	1128	3261	..	..	..

*Deduct seven men for mid-year graduates taking graduate work.

†M—Men. W—Women. T—Total

CONSOLIDATED ENROLLMENT TABLE, SOUTHERN BRANCH, UNIVERSITY OF IDAHO, Year 1934-35 to March 2, 1935

DIVISION, COURSE or CURRICULUM	4th Year			3rd Year			Sophomores			Freshmen			Unclassed			Total by Curricula			Total by Divisions		
DIVISION	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total
DIVISION OF LETTERS AND SCIENCE.....	110	131	241	265	187	452	4	13	17	..	..	..	379	331	710
Junior College	61	74	135	..	..	..	61	74	135	155	103	258	2	8	10	218	185	403	..	..	..
Music	1	1	2	2	3	5	..	2	2	3	6	9	..	..	..
Agriculture	1	..	1	3	..	3	1	..	1	5	..	5	..	..	..
Forestry	22	..	22	78	..	78	..	..	..	100	..	100	..	..	..
Education	25	56	81	26	81	107	1	3	4	52	140	192	..	..	..
Vocational: Merchandising	1	..	1	..	..	..	1	..	1	..	..	..
DIVISION OF ENGINEERING	3	..	3	45	..	45	47	..	47	..	..	..	..	..	..	95	..	95
Civil Engineering	8	..	8	14	..	14	..	..	..	22	..	22	..	..	..
Electrical Engineering	17	..	17	17	..	17	..	..	..	34	..	34	..	..	..
Chemical Engineering	3	..	3	7	..	7	5	..	5	..	..	..	15	..	15	..	..	..
Mechanical Engineering	9	..	9	11	..	11	..	..	..	20	..	20	..	..	..
Mining Engineering	4	..	4	..	..	..	..	..	..	4	..	4	..	..	..
COLLEGE OF PHARMACY.....	20	1	21	19	2	21	29	7	36	44	4	48	2	..	2	..	..	..	114	14	128
TOTAL IN REGULAR CURRICULA	20	1	21	22	2	24	184	138	322	356	191	547	6	13	19	588	345	933
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Courses	128	Extension, University	99
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College of Law	67	Orchestra, Courses	187
College of Letters and Science	42	Pharmacy, Curricula	97
Graduate School	89	Philosophy, Courses	188
School of Business Administration	84	Curriculum	49
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