Summer 1944

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Utah State University

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Utah State Agricultural College

BULLETIN

SUMMER SESSION
ANNOUNCEMENT FOR 1944

REGULAR SESSION
June 5 — July 14

INTERSESSION
July 17 — August 11
July 17 — August 18

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MABELLE GLENN  
Supervisor of Music, Kansas City

HUBERT HERRING  
Director of Committee on Cultural Relations with Latin America, Claremont, California

HAROLD E. JONES  
Director of Institute of Child Welfare, University of California

FRANK LEAHY  
Football Coach, Notre Dame University

W. H. MANNING, A.B.  
Associate Professor of Music, Branch Agricultural College

WILLIAM A. MILLER  
Basketball Coach

HENRY W. SIMON  
Professor of Literature, Columbia University

STANDING COMMITTEES

Attendance and Scholarship—Professors V. H. Tinge, A. J. Morris, Bell, Colonel Blair.

Certification of Teachers—Professor McClellan, Mr. Nielsen, Mr. Bell.

Entrance—Professors Hirst, Egbert, Kelker, Mr. Bell.

Graduate Work—Professors Maeser, J. E. Greaves, Evans, Willard Gardner, Jacobsen, P. E. Peterson, King Hendricks, Mr. Bell.

Housing—C. L. Pocock.

Registration—Professors V. H. Tinge, Bird, Bell, Calvert, Hunsaker, George C. Jensen, Scholes, Mr. Berntson.

Student Employment—Mr. Pocock.

Summer Session Entertainment—Miss Mildred Thomas, Dean Hendricks, Professors J. R. Jenson, Yocom, Hunsaker, Mortimer, Young, Miss Strain.

Teacher Placement—Dean E. A. Jacobsen.
The thirty-eighth annual Summer Session of the Utah State Agricultural College has been planned to meet the specific needs of teachers and students in wartime. Every institution and every activity must justify itself as never before, and this fact was taken into consideration in making out the program.

Probably never before in the history of American education has there been such a turnover of teachers in the elementary and secondary schools as has occurred in the last two or three years. This will undoubtedly continue during the next year as well. Hundreds of teachers in this Western area are being called to the armed services, others are making their contributions in defense industries; and the number in both instances is certain to be increased between now and next September.

At the same time the elementary and secondary program must go forward. Just at the time when the teachers are leaving the profession the country needs better teaching. The citizens of the future cannot be neglected if democratic institutions are to persist. Under these circumstances many former teachers are being called back to serve again. Likewise, teachers are being employed, and will be, who have not met the requirements of training and experience that have been customary in the past. The College has felt that its program should be directed in some degree toward the requirements of these new and returning teachers who need refresher courses before entering on their highly important responsibilities.

Other individuals who will find the program interesting and helpful are many undergraduate students who use the Summer Session to hasten the completion of graduation requirements, and even more important, to bolster some part of their preparation which required courses prevent during the regular year. Special attention is being given in the curricula to the needs of freshman students, many of whom now begin their college training in the summer.

Special teaching groups, such as the Smith-Hughes teachers, those in home economics, industrial education, physical education and coaching, music, English, and others, use all or part of the Summer Session for concentrated training in their particular fields.

The practice of having a daily lecture hour has been of incalculable value to resident faculty, townpeople, and students alike. Through the years, these daily sessions featuring thoughtful and mature discussions by America's greatest scientists, artists, and teachers have given the Utah State Agricultural College Summer Session character and truly spiritual strength.
VISITING FACULTY

As in the past, the resident faculty will teach the great majority of the courses during the summer quarter; but there will be present, also, a selected group of visiting faculty members and lecturers who will be able to supplement the contribution of the regular group. Following are listed these visitors who will be in attendance during varying periods of time:

Harold T. Jones of the University of California is listed for regular teaching; also he will deliver four or five special lectures. Dr. Jones is director of the Institute of Child Welfare at the University of California and is regarded as one of the most eminent men in his field. Faculty members of the School of Education at the College believe that he is the outstanding authority in the United States in the general field of adolescence, and his course work will be devoted to that general subject. During his visit to the College he will meet with special groups, including high school principals, school superintendents, and possibly juvenile judges and other groups particularly concerned with adolescents and their problems.

Mabelle Glenn is the well-known supervisor of music in the Kansas City school system. Miss Glenn is one of the most important figures in school music in the country. The College has attempted to bring her to Logan for many past years, but this is the first time that her schedule has permitted her to come. School music is one of the most important aspects of education, but it is also one of the most difficult. For this reason the College considers itself particularly fortunate to have Miss Glenn accept appointment this year.

Associated with Miss Glenn in the music program will be Glenn Gildersleeve, director of music for the State Department of Education in Delaware. Mr. Gildersleeve has achieved leadership in the school music field in the East and, in conjunction with Miss Glenn, should provide teachers with the best practical program in school music that is possible.

W. H. Manning of the Branch Agricultural College, Cedar City, will also be associated in the summer music program. Professor Manning, who has taught at summer sessions of the University of Wisconsin for many years, has been on leave from the Branch College throughout the past year and has served as head of the vocal music department at the College. He is well known to Utah teachers for his ability to bring music into the classroom.

Hubert Herring is the well-known authority on Latin America. He is now actively engaged in promoting Inter-American relations. His book, Good Neighbors, is probably the best book of its kind, combining scholarship, literary quality, and interpretation. Mr. Herring is also one of the most popular lecturers on political and social subjects. His week of lectures on the Americas is regarded as one of the important features of the Summer Session.

Henry W. Simon, music critic for P.M., Marshall Field's well-known New York newspaper, will give a series of five lectures on the common elements in drama, poetry and music. Mr. Simon is also Pro-
fessor of Literature at Columbia University. He is a member of a
distinguished literary family, his two brothers being Robert Simon,
music critic of The New Yorker, and Richard Simon of the prominent
publishing firm, Simon and Schuster.

W. E. Blatz, director of the St. George's School in Toronto, Canada,
will be the leader of the summer Family Life Conference. Dr. Blatz,
one of the great child psychologists, is a stimulating and pleasing lec­
turer. He has taught classes at the College on two previous occasions
and is well known to local audiences.

Edwin R. Clapp is professor of English at the University of Utah.
He will be at the College through the six weeks and will teach courses
entitled, "The Comic Spirit," "The Problems of Criticism," and "Late
Nineteenth Century Poetry."

Frank Leahy of Notre Dame and William A. Miller, of Tulsa,
Oklahoma, former coach of the A.A.U. basketball champions, will give
courses in the Coaching School. Both are well known in the field of
sports, and Leahy is going forward at Notre Dame in the tradition
of his great coach, Knute Rockne.

REGISTRATION

Registration for the Summer Session will take place Monday,
June 5, beginning at 8 a.m. and continuing to 3 p.m., with the ex­
ception of the 11 o'clock hour. Students who fail to complete regis­
tration on Monday may do so any succeeding afternoon from 1 to 5
p.m. The first step in registration is to call at the Registrar's Office
to obtain registration forms and instructions. No classes except the
coaching school are scheduled for Monday.

Seven and one-half credits are considered a normal load. The
maximum load for which students may register without special action
of the attendance and scholarship committee is nine credits for the
full six weeks; five credits for three weeks, or three credits for two
weeks. If excess credit is granted by the committee, a special fee
of $2 per additional credit will be charged. A reduction of one and
one-half credits per week will be made in the maximum credits allowed
late registrants, as well as those students who register for less than
the six weeks' period. Scheduled courses, whether regular or inter­
session, may not be given if less than five students register.

All graduate students who wish to complete requirements for the
Master of Science degree must register with the Committee on Gradu­
ate Work. This committee's office for Monday, June 5, is the Regis­
trar's Office; thereafter, Room 306, Widtsoe Hall.

CLASS SCHEDULE

Classes will begin at 7 a.m. throughout the Summer Session. Four
periods are scheduled during the morning hours: 7, 8, 9, and 10. Bells
ring on the hour and classes begin ten minutes later; that is, at 7:10,
8:10, 9:10, etc. The 11 o'clock hour is kept open as a lecture period
and no classes are scheduled at that time. Afternoon classes begin at
1 p.m. and continue on the hour until 5 p.m. The above schedule will
not be followed during the Intersession, when class hours will be ar­
ranged by agreement between students and faculty members.
GRADUATE WORK

For detailed information on graduate work see the general catalogue. Those who expect to register for the first time for work leading to an advanced degree should submit their credits to Dr. Sherwin Maeser, Chairman of the Committee on Graduate Work, several weeks in advance of registration and indicate the subject in which they wish to major. This will make it possible to have the course of study approved at the time of registration. Registration cards of all graduate students working toward a degree must be signed by Dr. Maeser. For a more complete statement of requirements for the Master of Science or the Master of Education degree, consult the 1943-44 general catalogue, pages 62-68.

Students in agriculture wishing to do graduate work during the Summer Session may register regularly for summer school work and be assigned to specific duty with members of the Experiment Station staff. Credit will be given for this work toward an advanced degree. Students who anticipate taking advantage of this opportunity should apply early so that the particular work in which they are interested may be arranged in connection with the summer program. Registration for such work should follow the regular order.

MASTER OF EDUCATION DEGREE

The offering of the Master of Education degree is restricted to those who have had successful teaching experience and emphasizes the professional improvement aspect of teaching. The Master of Education degree is offered in five major divisions of work: Agriculture, Home Economics, Industrial Education, Biological Science, Physical Science and Social Science. The work leading to this diploma aims to serve the following purposes:

(a) Provide graduate training in professional education.
(b) Provide a clearer understanding of the learner and his needs.
(c) Provide a clearer understanding of society and its needs.
(d) Provide enriched background of subject matter in the field of the teaching major.

Requirements for the Master of Education degree are set forth in the general catalogue on pages 65-68, or may be obtained by request to the Department of Education.

EDUCATION CONFERENCES

Secondary School Principals' Conference
“Problems of Adolescents in the Secondary School”
Monday, June 12, 1944
Dr. Harold E. Jones, University of California, consultant.

Elementary School Principals’ Conference
“Better Schools for Today’s Children”
Thursday, June 22, 1944
Dr. Harold E. Jones, University of California, consultant.
FEES

General Registration Fee for Six Weeks.............................. $20.00
Registration for Three Credits or Less.................................. 8.00
Registration for Three Weeks or Less (Not Exceeding Five Credits) ......................................................... 12.00
Coaching School Fee .......................................................... 10.00
   (Students who pay the regular $20 fee may attend the Coaching School without additional charge.)
Listening Fee (Per Course) ..................................................... 2.00
Excess Credit (For Each Credit) ............................................. 2.00
Intersession Fee (Maximum of Six Credits) ............................... 10.00
Library Fee for Children's Literature ..................................... 1.50
Child Guidance, Home Economics 60 (Laboratory Fee) ................... 1.00

   Students who pay the regular fee will be admitted without additional charge to all lectures, entertainments, and special features.

LIVING ACCOMMODATIONS

The College Residence Hall will be available for Summer Session students. Reservations can now be made. The College cafeteria will serve meals through the day. Other board and room accommodations can be obtained near the campus at reasonable cost. Many small apartments are also available for the Summer Session. The College maintains a Housing Bureau which is prepared to aid students in making satisfactory living arrangements.

FAMILY RELATIONS INSTITUTE

A Family Life Institute will be conducted Thursday and Friday, June 22 and 23, under the direction of a committee headed by Mrs. Esther Skeels of the Child Development Department. This institute will feature W. E. Blatz of the St. George's School of Toronto, Canada, as the leader. In view of transportation difficulties, the advisability of conducting an institute was given careful consideration before the decision to go ahead was reached. The conclusion of this study was that the present was a critical time for practically all families and that certainly the problems of family life should receive all possible attention.

COACHING SCHOOL

Competitive sports on the College level have undoubtedly lost some of their peace-time importance through the heavy reduction in the number of men students in college. The fact that young men enter the armed services at eighteen has greatly increased the importance of an intensive competitive athletic program for high schools and to a limited degree for junior high schools. At the same time, there have
been many coaches and physical education instructors enter the various branches of the armed forces. This has meant that many new men have entered the field, some of them with comparatively limited preparation.

As a result of this situation and to perpetuate an important tradition, the Summer Session is conducting its regular coaching school. There will be a concentrated program during the week of June 5 to June 9. Frank Leahy of Notre Dame will direct football, which is scheduled for the morning hours; and William E. Miller, former coach of the A.A.U. hoop champions, will conduct basketball classes during the afternoon hours. They have established themselves among the major coaches of the country, and they are sufficiently familiar with the problems of high school coaching to give work of a very practical character.

In addition, it is planned to offer a one-hour course in the army physical training program with our own instructors, Coach Deb Young, Hy Hunsaker, and George Nelson in charge.

RECREATION AND ENTERTAINMENT

Summer Session students will be offered many recreational and cultural features during the six weeks. Several dancing parties, canyon parties, conducted tours to adjacent regions of special interest are scheduled in accordance with regular plans.

Several artists in the field of music are listed for appearance, including the famed Roth String Quartet. There will be others of superior quality.

ARMED FORCES

A unit of Marine and Naval trainees in Radio, stationed on the campus, carries forward its own program largely. This training program will not interfere with the regular Summer Session in any way. The Army Air Force unit will continue to mid-June.

INTERSESSION

Regularly scheduled Intersession Classes will begin Monday, July 17, and continue for four weeks. Five or six credits may be earned during this period. Any regular college course which is not scheduled for the Intersession will be given in that period if ten students petition the Summer Session Director and join the class. Credit in the Intersession is computed on the basis of one hour of credit for 12 one-hour lecture periods or 12 three-hour laboratory periods. Registration forms will not be accepted after the close of any Intersession period in which the classes are given.

Two Intersession classes for nurses will continue for five weeks. Other students can join these classes.

Students who desire to register for credit in research problems or field studies must make the necessary arrangements with the Registrar's Office at the beginning of the Intersession period. Credits allowed and fees charged for this type of study will depend on the time spent and the work accomplished.
TEACHERS' CERTIFICATION

By attending the Summer Session of the Utah State Agricultural College, it is possible to meet any of the requirements for Utah certification with the exception of practice teaching; and, since the College is on the Accredited List of the Association of American Universities, credit will be allowed for any subject completed in the Summer Session that forms part of the certification requirements of any state.

TEACHERS' PLACEMENT BUREAU

A Teachers' Placement Bureau under the direction of Dean E. A. Jacobsen functions in connection with the Summer Session. All teachers seeking employment may register in this bureau. Superintendents and others who employ teachers will find it to their advantage to consult the list of applicants which will be furnished upon request. Interviews with applicants will also be arranged.

KEY TO BUILDINGS

M—Main
A—Mechanic Arts
E—Engineering
P—Plant Industry
L—Animal Husbandry
G—Gymnasium
N—Library
F—Forestry
W—Widtsoe Hall or Chemistry
H—Home Economics and Commons
MS—Military Science
FH—Field House

ART

Calvin Fletcher, Professor
H. R. Reynolds, Associate Professor
Jessie Larsen, Instructor

104. Creative Expression. A. drawing; B. painting in oils, water colors, or egg tempera; C. illustration for fashion, advertising, magazines or books. The student will elect the line or lines of his interest and arrange to work as long as he likes. Credit arranged on basis of 30 hours of work per credit. Criticism daily 3 to 5. Outdoor criticism 5 to 6. M330d. Fletcher

106. **Sculpture.** A. Carving in stone; B. carving in wood, flat or round; and C. modeling and casting. Time and credit arranged. M330d. Fletcher

110. **Lettering and Commercial Art.** A. Show-card writing; B. window and gold signs; C. illuminating and manuscript lettering. Credit arranged. Criticism daily 2. M330d. Fletcher

113. **Art Metalry.** B. Jewelry and stone polishing. Credit arranged. Criticism daily 9 to 11. M330e. Reynolds

114. **Minor Crafts.** A. Leather work; B. basketry; C. polychrome and gesso; D. textile decoration, including block printing, stenciling batik, etc. Credit arranged. Criticism daily 9 to 11. M330e. Reynolds

115. **Graphic Art.** A. Etching; B. wood engraving, block prints, etc.; C. monotype and cliche vere; D. lithographic drawing; and E. silk screen printing. Credit arranged. Criticism daily 2. M330d. Fletcher

Note: All above are studio courses and students work 30 hours for each credit desired. Criticism given at specified times but studios are open to students from 8 to 5 except Saturday.

123. **Interior Decoration.** Design and color applied to the furnishing and decoration of a home. Furniture, drapery, rugs, and all other vital problems related to home beauty will be taken up. Five credits. Daily 8, M.W.F. lab. 2-3, T.Th. lab. 2-4:30. M330c. Larsen

133. **History of Painting.** Designed for the layman wishing to extend his knowledge of the great painters and periods of the past. It is also adapted to the needs of teachers and painters. Two and one-half credits. Daily 1. M330c. Fletcher

152. **Handwork for the Elementary Grades.** Methods of teaching various types of crafts work on the elementary level. Many types of materials will be considered for use in crafts problems, wood, cloth, paper, metals, etc. The proper relationship of planning, construction, decorative design, materials, and tools used in the various crafts will be stressed. One and one-fourth credits each three weeks. Daily 8. M330. Reynolds

**BACTERIOLOGY AND BIOCHEMISTRY**

J. E. Greaves, Professor
Kenneth R. Stevens, Associate Professor
Lewis W. Jones, Assistant Professor

1s. **Elementary Bacteriology.** Deals with the biology and significance of bacteria and other micro-organisms; their morphology and physiology; and introduces the fundamental principles governing the bacteriology of water, sewage, milk, food sanitation, communicable disease, etc. Two and one-half credits. Daily 9. P302. Greaves

*Any lecture course in Bacteriology listed in the regular catalog will be taught during the Summer Session if six students make application.*
BUSINESS ADMINISTRATION
P. E. Peterson, Professor
Charles A. Wall, Assistant Professor

101. Accounting Principles and Practices. This is a course in fundamentals and brings to the classroom some of the vividness of the real problems as they arise in business. A critical understanding of accounting as it serves the executive is the aim of the course. Required of all majors in Business Administration and Accounting. Graduate credit may be allowed upon the completion of some additional work. Lectures and assigned problems. Two and one-half credits. Daily 8. M301.

CHEMISTRY
Sherwin Maeser, Professor
T. M. Burton, Assistant Professor


ECONOMICS
W. L. Wanlass, Professor


141. Postwar Economic Problems. This special course is offered to provide students an opportunity to consider the problems that will confront this country and the world when the war is over. Attention will be given to such matters as demobilization, employment, resumption of peace-time production, public-work programs, price controls, and the revival of international trade. Open to all upper-division students. No prerequisites. Two and one-half credits. Daily 9. M351.

147. Social Security. This course will survey the main divisions of social security legislation; these devisions are workmen's compensation, old age insurance, family wage systems, and health insurance. Two and one-half credits. Daily 10. M351.
EDUCATION

E. A. Jacobsen, Professor
C. E. McClellan, Professor
John C. Carlisle, Associate Professor
Virginia Phillips, Assistant Professor
Edith S. Shaw, Instructor
Fern S. Nicholes, Instructor
Alice Ann Bawden, Instructor

Visiting Faculty

Harold E. Jones, Professor


113. Guidance and Personnel. An analysis of the needs for guidance in the secondary school, together with a consideration of types of organization and services necessary to meet these needs. The role of the teacher, the counselor, and other guidance workers in the school will be considered. Two and one-half credits. Daily 9. M358. Carlisle

116. Articulation of the Educational Program. A survey of existing needs for closer articulation of the various educational units and agencies. Discussion of the factors conditioning nature and extent of articulation and of the unifying principles upon which a well articulated education program rests. Two and one-half credits. Daily 8. M357. Jacobsen

127s. Secondary School Teaching. However good the plane, there is need for a good pilot. However good the objective and content of any course of study, there is need for a good teacher. This course will consider the psychological principles involved in good teaching and techniques that have proved to be meritorious. Two and one-half credits. Daily 10. M358. McClellan

145. Safety Education. This course will emphasize (a) the needs for safety education in the modern world; (b) the role of the school in a program of safety, (c) methods and materials for teaching, discussions, and readings. Two and one-half credits. Daily at 10. H20. Anderson

176a and 176b. Elementary Workshop and Demonstration School. The workshop in elementary education and demonstration school is designed to provide opportunities for teachers in service and former teachers re-entering the teaching field, to observe two ungraded school groups in a modern democratic school situation. An experienced staff with visiting faculty and discussion leaders will guide the program. The workshop will emphasize music, handicrafts and recreation. Participants in workshop may register for any one of the following courses
as part of the workshop: Physical Education 182, Music 130, or Art 152 (1 ¼ credits each three weeks). Parents registering in workshop may enroll children in demonstration school. Application should be made to the Director of Workshop at the College. Three and one-half credits each three weeks. Demonstration school daily 9-11. Workshop discussion and study groups daily 1-2:30. Shaw and Staff

200. How Our Schools Came to be What They Are. Schools didn’t just happen. They are a social product of various powerful influences acting upon one another such as customs, ideologies, needs, and faiths of people. Why are our schools what they are today? Have their functions been determined largely by the same forces that have shaped our governmental and our economic life? This course would examine not so much what our schools have been as why they have been that way. Two and one-half credits. Daily 9. M357. McClellan

202. An Analysis of Contemporary Philosophies of Education. Current philosophies of education will be studied in order to discover the basic factors in psychology, in social outlook and in conceptions of the good life which are involved in these contrasting programs for American education. Two and one-half credits. Daily 8. M359. McClellan

212. Scientific Method in Education. Designed to acquaint the student with scientific procedures, objective measures, and statistical analysis in education. The evolution of scientific method, evaluation of objective techniques, and methods of their utilization in school practices. One and one-fourth credits. Daily 10 (last 3 weeks). M357. Jacobsen

213. The Adolescent in the Secondary School. A survey of the development of boys and girls in the secondary school. Problems of social and emotional growth will be given special attention. Desirable modifications in school curricula in order to better meet the needs of youth will be considered. One and one-quarter credits. Daily 10 (first 3 weeks). M359. Jones

221. Advanced School Administration. A general study of the work of the school administrator and the principles upon which the profession of school administration is founded and efficiently practiced. Consideration will be given to major educational problems with which the school administrator is confronted. Two and one-half credits. Daily 1. M358. Jacobsen

267. Research and Thesis Study. An inquiry into the nature and sources of research problems with a study of the underlying principles and the method of working out such problems in the field of education. Some attention is given to the matter of thesis writing as a problem related to research. Two and one-half credits. Daily 2. M358. Carlisle

ELEMENTARY WORKSHOP AND ELEMENTARY SCHOOL

The School of Education will conduct for the second summer a workshop and laboratory demonstration school in elementary education. Registration is open to students preparing to teach, experienced
teachers and to former teachers returning to the teaching field. The workshop provides a full-time summer program characterized by the following features:

1. Opportunity for participants to observe modern elementary school practices in a laboratory demonstration school and to observe and evaluate the day-by-day growth of children in an ungraded group. Two observation groups are scheduled: Primary group—children 6 to 8 years of age; Intermediate group—children 9 to 12 years of age. Demonstration classes will be held 9-11 daily.

2. Opportunity to meet in discussion groups each afternoon to evaluate current school practices to discuss modern concepts of education and to make extensive study of problems of special interest to class members.

3. Staff members and experts in various fields of elementary education available to workshop members through individual conferences, study group meetings, demonstrations, guided professional activities, lectures and panel discussions.

4. Many resources of the College and community are available. These include laboratory workshop, reference tables, campus and community study tours, recreation facilities and group luncheon meetings.

5. Opportunities provided for creative expression through art, music and recreation. Encouragement and helpful guidance and assistance in the study of individual and group problems.

The workshop emphasizes democratic living with children and with workshop participants. Workshop members are to enroll in any one of the following courses: Physical Education 182, Music 130 or Art 152, as a part of the workshop experience. Parents attending summer school may enroll children in the demonstration school. Write to the director of the workshop at the College for reservations. Children attending the demonstration school will have access to the swimming pool and gymnasium. Swimming instruction for beginners and play and games will be offered for the children enrolled.

ENGLISH

N. A. Pedersen, Professor
Moyle Q. Rice, Assistant Professor

Visiting Faculty
Edwin R. Clapp

10-110. Sophomore or Advanced Composition. Required of all students for the bachelor's degree. This course will emphasize rhetorical and grammatical correctness, vocabulary selection, organization of materials and the means of acquiring interest, clarity, and compactness in expository and narrative writing. Sophomore Composition, five
hours credit; Advanced Composition, four hours credit. Classes meet in combination daily at 10. An additional hour each day is arranged. N318.

24. Literature for Children. Introduction to the literature of childhood, old and new. Current books as well as classics of the past are read. The course is adapted to teachers of children, parents, and builders of personal or community libraries. Four credits. M.T.W.Th. 7-9. Pedersen


120. The Comic Spirit. Some answers to the question “Why do we laugh?” with readings illustrative of various types of the literature of laughter from nonsense to satire. Two credits. M.T.W.Th. 8. N314.

126. The Problems of Criticism. An examination of some fundamental questions for literary criticism; the function and relations of the arts, art and nature, art and society, the bases of critical judgment, and others, illustrated from classical and modern literature. Two credits. M.T.W.Th. 9. N314.

191. Late Nineteenth Century Poetry. A study of poetry and society in the transition from Victorianism to the twentieth century; the successors to Pre-Raphaelitism, Meredith, Hardy, Housman, Yeats, Hopkins, and others. Two credits. M.T.W.Th. 2. N314.

GEOLOGY

J. Stewart Williams, Professor

1. Introductory Physical Geology. A general survey course of the whole field of physical geology for art students and others who desire only a broad introduction to the subject. Five credits. Daily 8-10. M283.

HISTORY

Joel E. Ricks, Professor

42. The Second World War. This course will emphasize the background and nature of the Second World War. Current events will be stressed. Two and one-half credits. Daily 8. N312.

135. History of the Far West. This course will deal with the region from the Rockies to the Pacific Coast with special emphasis upon the Intermountain West. Two and one-half credits. Daily 9. N312.

HOME ECONOMICS

Christine B. Clayton, Professor*
Almeda Perry Brown, Acting Dean
Bertha F. Johnson, Associate Professor
Esther L. Skeels, Assistant Professor
Edna Page, Assistant Professor
Ethelwyn Wilcox, Assistant Professor
Virginia Phillips, Assistant Professor
Ann Burns, Instructor

Child Development

60S. Child Guidance I.S. Designed to acquaint the student with the development and guidance of children younger than regular school age. It is open to elementary school teachers who are registered for summer school work, others by permission of instructor. One 9, and 10, and one 11 o'clock hour must be free each week to allow for scheduling laboratory hours in the nursery school. A laboratory fee of $1 is required. Two and one-half credits. Daily 8, M134.

70S. Family Health. Includes a study of the anatomy and physiology of the reproductive system, preparation for motherhood and the physical care of the family. Demonstration and practice of nursing procedures in the home. Prerequisite, Physiology 4. Two and one-half credits. Daily 10, F205.

140S. Special Problems in Child Development. Open to qualified students majoring in Child Development upon consultation with instructor. One credit. Tuesday 2, Nursery School Office.

Foods and Nutrition

106S. Meals for the Family. The planning, preparation, and serving of nutritionally adequate family meals at different levels of income with special emphasis on rationing and food-point buying. Two and one-half credits. M.F. 12, T.W.Th. 12-2. H101 Lecture; H103 Lab.


160S. Special Problems in Foods and Nutrition. Individual problems in nutrition, including metabolism studies, and dietary investigation. Open to qualified students, majoring in Foods and Nutrition and to those registered in Home Economics Education, 124. One or two credits. Time to be arranged. H104 B.

185-285. Nutrition Refresher Course. A review of the principles of the newer knowledge of nutrition, with special attention to methods

*On leave.
of presentation and practical application of such information in the
school and in the public health field. Open to men and women with
previous training in nutrition or biochemistry. Lectures and confer­
ences. One and one-half credits. Lectures daily at 9, conferences to
be arranged. H101.

Students interested in taking courses in Institutional Management
and Quantity Preparation of Foods should consult Professor Una Vermillion. Such courses will be given on demand of students.

H20.

General Home Economics

25S. Home Hygiene and Care of the Sick. A course in home nurs­ing and care of the sick. The first hour is devoted to discussion, the
laboratory to demonstration and practice. Reading of reference ma­
terial and special written reports are required. Red Cross Certificates
will be issued to those who complete the course. Two credits. Lecture
T.Th. 1-2, Lab. T.Th. 2-4. F205.

Home Economics Education

124. Education. Refresher course in Problems in Teaching Home
Economics. This course is planned to bring to home economics teachers
the latest material in the various subject matter areas and to present
new trends and methods of teaching on various age levels. It is de­
signed particularly to meet needs of teachers who have not had train­
ing in recent years, or of teachers returning to the schoolroom. Special
attention will be given to the interpretation of the State Course of
Study Guide. Lectures and subject matter problems, group or indivi­
dual, under direction of staff members in the various fields of home
economics. Lecture daily at 9. Time, credit and place of special prob­
lems to be arranged with instructors. H101.

Textiles and Clothing

5S. Dress and Personality. Open to townswomen and all college
girls desiring help in planning the wardrobe to express personality
on a limited income. No construction. Two credits. T.Th. 1-4. May
be taken for three or six weeks. F101.

33S. Home Furnishings. Open to anyone. The course is planned
to develop skill in selection and techniques in making, remodeling, and
caring for home furnishings. The laboratory will include instruction
on making of draperies, curtains, lamp shades, use of sewing machine
attachments, refinishing and upholstering furniture. Two credits. T.Th.
2-5. F104.

115S. Costume Design. Experience in designing dress for the in­
dividual creatively from abstract source material using the sketch
method. Application of design principles is made to media related to
home and dress. Prerequisites, art and clothing to satisfy instructor.
165S. Advanced Clothing Problems. Application of techniques used in tailoring suits and coats. Prerequisites, Textiles and Clothing, 9, 20, 25, 115 for vocational and clothing majors. For others, including those registered in Home Economics Education 124 with clothing sufficient to satisfy the instructor. Two and one-half credits. Lab. M.W. 3-5, F. 2-4. F104. Engstrom

169. Recent Developments in Textiles. A refresher course in textiles planned for teachers and advanced students who want to be brought up to date on new developments in fibers and finishes and conditions affecting their production and care. Prerequisites, Textiles 20 or equivalent. One and one-half credits. Daily at 1. F104. Engstrom

181. Clothing the family in Wartime. Includes study of such problems as buying fabrics and ready-to-wear, management of family resources, repair, renovation, remodeling and other phases of family clothing problems during war time. This course with two credits Special Problems 190 may be substituted for Family Clothing 180. Check prerequisites with instructor before enrolling. Three credits. M.W.F. 2-5. F101. Johnson

INDUSTRIAL EDUCATION

Ernest C. Jeppsen, Associate Professor
Howard B. Gundersen, Non-Resident Professor
D. A. Swenson, Assistant Professor
Joseph Coulam, Assistant Professor
William E. Mortimer, Assistant Professor

The offering in Industrial Education this year is prepared especially to meet the needs of industrial arts instructors in the present war emergency. It is a concentrated program designed to assist teachers in obtaining certification in the shortest possible time.

Industrial Arts

I.E. 121. Fundamentals of Industrial Arts Teaching. Principles and practices in industrial arts teaching, designed especially for new teachers, and present teachers who have not had training in recent years. Emphasis will be given to the newer methods and techniques of teaching as applied to individual and group instruction. Two and one-half credits. Daily 7-9, first three weeks. A101. Jeppsen

I.E. 122. Home Mechanics Laboratory. A special course designed for men and women teachers who will be teaching home mechanics in the public schools. It will present a typical modern home mechanics program suitable for use in junior and senior high schools, and will be taught in a laboratory especially designed for this purpose. This is a new course planned to prepare and keep teachers abreast of the modern program of industrial arts. The course this year offers the following units: Electricity, Metalworking, Plumbing, and Woodworking. Students may register for one and one-fourth credits each quarter in any one of these units. Daily 9-11. Lecture one-half hour, lab. one and one-half hours. First three weeks. A114. Mortimer and Swenson
I.E. 123. Industrial Arts Laboratory. A special course designed for men and women teachers who will be teaching industrial arts in the public schools. It will present a typical modern industrial arts program suitable for use in junior and senior high schools, and will be taught in a modern industrial arts laboratory. This is another new course designed to keep teachers abreast of the current changes in industrial arts. This course, together with I.E. 121 and I.E. 122, comprise a special offering for the coming year. It is recommended that they be taken simultaneously. The course this year offers units in the following areas: Electrical, Metals, Plastics, and Transportation. Students may register for one and one-fourth credits each quarter in any one of these areas. Daily 1-3. Lecture one-half hour, laboratory one and one-half hours. First three weeks. A114. Mortimer and Coulam

Note: Any course listed in the Industrial Division of the regular college catalog will be taught during the summer session if 5 or more students register.

LIBRARY SCIENCE
Edith Rich, Instructor
Eileen Hillyard, Instructor

100. First Quarter Reference Material and Bibliography. Basic reference materials, including study of card catalog, periodical indexes, encyclopedias, dictionaries and biographical reference tools. Not restricted to library science students, but designed to aid any student in use of library. Three credits. Daily with one extra class per week, 1. N108. Rich


120. First Quarter Cataloging and Classification. Classification of books according to the Dewey demical system and cataloging instruction adapted primarily to the use of school and public libraries. Three credits. Daily with one extra class per week, 11. N108. Hillyard

205. Reading and Conference. Experienced librarians who are advanced students may work on special projects under supervision of the instructor. Time and credit to be arranged. Staff

MATHEMATICS
V. H. Tingey, Associate Professor

34. Essentials in Elementary Algebra. This course will be essentially the same as the course now being taught the enlisted men in pre-flight training. Three credits. Daily 1 plus one hour arranged. L203. Tingey
50. **Descriptive Astronomy.** This course is an elementary non-mathematical treatment of the essential facts of the earth, sun and stars and their relationship to each other. It should be very valuable to students in pre-flight training. Two and one-half credits. Daily 8. L203.

**MUSIC**

N. Woodruff Christiansen, Associate Professor  
W. H. Manning, Associate Professor

**Visiting Faculty**

Glenn Gildersleeve  
Mabelle Glenn

11-111. **Harmony.** Beginning students register for 11; those who have had an elementary course register for 111. Attention will be given to individual needs. Two and one-half credits. Daily 10. M107. Christiansen

27S. **Summer School Chorus** open to all students of summer school. A concert program will be prepared for the closing week of the session. One and one-half credits. M.W.F. 12. Auditorium. Manning

40-140. **The Art of Enjoying Music.** A general introductory course of wide popular appeal. Previous music training or study not required. Two and one-half credits for six weeks. One and one-half credits for either three-week period. Daily 9. M252a. Christiansen


53S-153S. **Class Voice Training.** Problems to be considered are: Care of children's voices, training of adult voices, cause and correction of vocal faults, breath control, correction of monotones, and ear training for children. Two and one-half credits. Daily 2. M252a. Manning

130a. **Teaching Music in Primary Grades.** Study of the musical responsiveness and needs of younger children, and of appropriate experiences that can be provided them by non-specialized grade teachers. The selecting of materials and adapting of procedures for the building of desirable attitudes, skills, and habits. Using music to enrich other school experiences. Becoming acquainted with the use of records for aiding teachers who do not sing or play piano or do not have the help of a music specialist. One and one-fourth credits for first three weeks. Daily 8. M356. Gildersleeve

130b. **Music in the Grades.** (As above.) One and one-fourth credits for last three weeks. Daily 8. M356. Glenn

176a. **Teaching Music in Intermediate Grades.** Study of the activities and materials suitable for older pupils which can be provided them by non-specialized grade teachers. The activities are singing, listening, playing, dancing, marching, creating, reading, and the relating of these
to each other and to other school and home experiences in ways appropriate to the social and emotional maturity of pupils; also, using music in school programs, holiday celebrations, and the integrated program. Guiding and evaluating out-of-school radio and movie musical experiences will be discussed. Provision will be made for the individual differences existing between teachers, pupils, and types of schools. Particular attention will be given to the use of records for the teacher who does not sing or play piano. One and one-fourth credits for the first three weeks. Daily 1. M205.

Gildersleeve

176b. (As above.) One and one-fourth credits for last three weeks. Daily 1. M205.

Glenn

185. Musical Literature for Elementary Schools. The resources of recorded musical literature furnish much material which can be used advantageously in the elementary schools and in high schools. This material will be studied in this course. Two and one-half credits. Daily 3. Moore Library.

Christiansen

Private Instruction Courses

155. Voice Instruction. For beginners, advanced students, and teachers of voice. Work in tone production, diction, and repertoire. One credit for six lessons; two credits for twelve lessons. Arranged. Manning

160. Piano Instruction. For beginners, advanced students, and teachers of piano. Appointments and fees to be arranged with the teacher. One credit for six lessons; two credits for twelve lessons. Arranged. Associate Teachers

165. Woodwind Instruments. For beginners, advanced students, and teachers of brass and woodwind instruments. Appointments and fees to be arranged with the teacher. One credit for six lessons; two credits for twelve lessons. Arranged. Christiansen

167. Violin Instruction. For beginners, advanced students, and teachers of violin. Appointments and fees to be arranged with the teacher. One credit for six lessons; two credits for twelve lessons. Arranged. Christiansen

PHYSICAL EDUCATION

Joseph R. Jenson, Professor
H. B. Hunsaker, Associate Professor
Rachael B. Yocom, Assistant Professor
Mildred M. Thomas, Instructor
L. Helen Strain, Instructor

5. Boxing. This course is designed for students intending to teach boxing. Time will be spent in perfecting and analyzing skills with special attention given to teaching technique. Students will be expected to prepare a syllabus of class work. Two credits. Daily 1. Men's Gym. Jenson
SUMMER SESSION


163. Recreational Games. Men and women. A class in the study and practice of leisure-time activities. Clock Golf, Badminton, Shuffleboard, Croquet, Archery, Volleyball, Table Tennis, will be presented, and an intramural program planned. Two and one-half credits. Daily 2. Gym 27. Jenson

182. Materials and Methods in Elementary Physical Education. Men and women. A study of the rhythmic and game activities for grades one to six; playdays, recess, after school, classroom and intramural programs. Two and one-half credits. Daily 8. Gym 27. Yocom

250. Reading and Conference. A course providing for individually directed study. Two and one-half credits. Hours arranged. Gym 27. Jenson

255. Current Problems in Physical Education. A course designed for the study of current problems pertinent to physical education and especially designed for superintendents, principals, and physical educators. Round table, panel discussions and general workshop groups are proposed. Two and one-half credits. Time arranged. Gym 27. Hunsaker, Jenson, Yocom, Thomas, Strain

258. Current Techniques in Teaching Physical Education Activity. This course is designed as a refresher course for teachers in the field of physical education. Teaching techniques will be offered in Calisthenics, Heavy Apparatus, Tumbling and Stunts, Folk Dancing, Tap, Modern, Social and Square Dancing, Basketball, Wrestling and Boxing (boys), Softball, Soccer, Speedball, Volleyball, Badminton, Archery, Tennis, Track and Field, Swimming and Elementary Diving. Men and women. Two and one-half credits. (First three weeks.) Gym 27. 9-11. Hunsaker, Yocom, Jenson, Thomas, Strain

259. Workshop in Physical Education. A course designed as a companion course to P.E. 258. This course involves the study, discussion, and building of a model secondary school physical education curriculum. Recreation, Administration, and Activity Programs, study and discussion, will be led by eminent physical education leaders throughout the state. Men and women. Four credits. (Second three weeks.) 9-11 and 1-3. Jenson, Hunsaker, Yocom, Thomas, Strain

284. Social Recreation. This course deals with the principles and technique of leadership in recreation activities for the home, school, and community; methods of promoting, organizing, and directing social games, social mixers, community outings, hikes, picnics, and parties. Two and one-half credits. M.W.F. 7:30-9:30. Men's Gym. Yocom, Hunsaker, Jenson, Thomas, Strain
COACHING SCHOOL
E. L. Romney, Director of Athletics

Visiting Faculty
Frank Leahy, Head Football Coach, University of Notre Dame
William H. Miller, Basketball Coach, National AAU Champions


PHYSICS
Willard Gardner, Professor
E. W. Payne, Assistant Professor
Jay O. Jensen, Instructor

3a. Introductory Physics. A brief survey of the fields of mechanics, molecular physics, and heat. The lectures will be illustrated by carefully planned demonstration experiments. (Physics 3b, electricity and magnetism, light, and sound will be offered Summer 1945.) Five credits. Daily 8 and one hour arranged. W106.


20, 21-22. Mechanics and Molecular Physics. Electricity and magnetism, heat, light and sound. Designed for students majoring in science and in engineering. Upon sufficient demand, any one of the three five-hour parts of the course will be given during the regular Summer Session and one during the Intersession. Five credits for each part. Time arranged for 36 lectures and 20 laboratory exercises. W106.

PHYSIOLOGY, PUBLIC HEALTH AND HYGIENE
C. L. Anderson, Professor


Education 145. Safety Education. Will emphasize (a) the needs for safety education in the modern world; (b) the role of the school in a program of safety; (c) methods and materials for teaching, discussions, and readings. Two and one-half credits. Daily 10. H20.
Intersession

108. Personal Hygiene and School Health. (May be used for certification.) Planned to acquaint the student with the modern principles of hygiene. The several approaches to positive health and health in the school will be developed. Six credits. H20. Anderson


POLITICAL SCIENCE

M. R. Merrill, Professor

10-110. American Government. Will deal with the foundations of the American system of government. Attention will be given to the various proposals for reorganization. Two and one-half credits. Daily 8. M355. Merrill

102. International Political Relations. Psychological, economic, racial, and other obstacles to international cooperation, as exemplified in recent events. The Treaty of Versailles, international law, the League of Nations, and present-day world politics are discussed. Two and one-half credits. Daily 9. M355. Merrill

PSYCHOLOGY

Arden Frandsen, Professor

102a. Educational Psychology for High School Teachers. A study of development in adolescence of normal and deviate personalities, of provisions for individual differences, and of the psychology of learning with special applications to teaching the junior and senior high school subjects. Prerequisites, General Psychology, and for students who have not taken Elementary Statistics, Psychology 102b must either precede or be taken parallel with Psychology 102a. Two and one-half credits. Daily 8. M227. Frandsen

102b. Applications of Statistics to Education and Psychology. An elementary study of the statistical procedures used in handling test scores in the schools and of the concepts needed to read current educational and psychological literature. Two and one-half credits. Daily 9. M227. Frandsen

110. Child Psychology. A study of the roles of maturation, learning, and environmental conditions in the motor, mental, social, and emotional development of children from birth to adolescence. Generalizations with respect to individual differences, emotions, motivation, how children learn, observe, and think will be applied to understanding and guiding children's behavior in home, school, and community. Two and one-half credits. Daily 10. M227. Frandsen
112. Educational Psychology of the Elementary School Curriculum. A study from the point of view of psychological theory and research, of the aims, selection and sequence of content, methods of teaching, provisions for individual differences, and measurement of outcomes in the elementary school curriculum. The tool subjects will be emphasized. Two and one-half credits. Daily 1. M227. Frandsen

SECRETARIAL SCIENCE AND OFFICE PRACTICE

P. E. Peterson, Professor
Charles A. Wall, Instructor
Ina Doty, Instructor

75. First Quarter Shorthand. Designed for students who have had no previous training in shorthand. Part I of Gregg Shorthand—Functional Method—will be covered, and emphasis will be placed on the fluent reading and writing of shorthand. Two and one-half credits. Daily 9. M305.

80. Intermediate Shorthand. Designed for students who have had one year of shorthand at this institution or elsewhere. It includes a review of the theory of Gregg Shorthand with the development of new vocabulary, and the production of mailable transcripts. Special attention will be directed toward the attainment of speed in taking dictation and increasing the transcription rate. Two and one-half credits. Daily 8. M305.

86. First Quarter Typewriting. For students who have had no previous training in typewriting. This course is designed to develop a thorough knowledge of the keyboard and to give practice in the use of the mechanical features of the typewriter. Special attention will be given to the development of a reasonable degree of speed and to typewriting for personal use. One credit. Daily 12. M304.

89. Advanced Business Typewriting. Designed for students who have had one year of typewriting at this institution or elsewhere. Special attention will be given to the development of accuracy and speed through concentration, acceleration, rhythm, and corrective drills. Will include advanced letter writing and tabulation. One credit. Daily 12. M304.

94. Burroughs Calculating Machine. Application of the calculating machine to various business computations such as addition, multiplication, subtraction, division, accumulation, fixed decimal point work, percentages, discounts, prorating, decimal equivalents, and constants. Two credits. Daily 10. M303.

98. Commercial and Bank Posting. Instruction and practice in the application of Burroughs Posting Machines to bookkeeping procedures in commercial institutions and banks. Work will include pre-listing of items, proving of accounts, setting up of control accounts; keeping a set of books for one month. Two credit. Daily 10. M303.
Intersession Classes: The courses in stenography or typewriting will be continued and the courses in calculation and bank posting will be repeated in case there is sufficient demand.

SOCIOLOGY

Joseph A. Geddes, Professor
Joseph Symons, Assistant Professor

70. Principles of Sociology. The foundations of Sociology are studied in order that a plan of social progress may be formulated. The problems of social origins, social structures, public opinion, social activities, social organization and social evolution are carefully considered. Prerequisite for all Upper Division classes. Two and one-half credits. Daily 8. M206.

103. Crime in Selected Utah Counties. Interest will center on Utah Crime Problems. Brief attention will be given to theories of crime causation and studies of rural offending, but the major concern will be with the amount, type and nature of offending of Utah residence groups in selected counties and Utah’s machinery for coping with delinquency and crime. Two and one-half credits. Daily 7. M206.

148. American Society in Wartime. Deals with the influences of war on those aspects of society which fall naturally to the sociologist such as population problems, the family, the community, group life, racial minorities, crime, morals, etc. Two and one-half credits. Daily 10. M206.

SPEECH

Chester J. Myers, Professor


12-112. Private Instruction. Individual attention given in private to particular needs of the student in an effort to eliminate personal defects, develop skill, and solve individual speech problems. Recommended for anyone needing personal speech training and to freshmen and sophomores majoring in speech. Special fee. Time and credit arranged. M201.

18. Story Telling. The story as an educational factor; analysis and classification of typical stories with reference to each period of the child’s development. Study of sources; adaptation of material; and actual practice in story telling. Consideration is given to stories of western pioneer life. Two and one-half credits. Daily 10. M205.

107. Speech Hygiene. The techniques of normal speech and the development of normal and abnormal speech. Major consideration will be given to the prevention and correction of speech abnormalities. This
course is primarily designed to fulfill the speech hygiene needs of prospective elementary school teachers. It is recommended for all secondary teachers but will not fulfill the speech pathology requirements for speech majors. Two and one-half credits. Daily 9. M205. Myers

183. Problems in Speech. Especially selected work, individually assigned, handled, and directed in consultation with the student. Special speech problems of merit and of mutual interest to student and instructor are investigated and reported upon in this course. Consult the instructor for permission to register. Credit and time arranged. M201. Myers

ZOOLOGY

W. W. Henderson, Professor
J. S. Stanford, Assistant Professor

3. Invertebrate Zoology. An introduction to the invertebrate animals. Classification and relationships, structural characters, development, and functions are emphasized. Some attention is also given to parasitism. This course is well adapted for premedical students, Forestry (Wildlife) majors, and others who desire a comprehensive introduction to the animal kingdom. Five credits. Daily 7 and lab. 2-5. M228. Stanford

123. Nature Study (Animal Life). Teachers and other students of nature will learn the names of birds, mammals, frogs, reptiles, fishes, insects, etc., in this course; also interesting and useful facts concerning their habits, homes, and use to man. Display methods will be discussed and illustrated. This course will aid teachers in identifying their local animal life and in making study collections for their schools. Three credits. Time arranged. M228. Stanford
INTERSESSION

JULY 17 — AUGUST 18