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Utah State Agricultural College

LOGAN, UTAH

JUNE 7 — JULY 16



Summer Session
BULLETIN 1943

Utah State Agricultural College BULLETIN

SUMMER SESSION Announcement for 1943

REGULAR SESSION
June 7 – July 16

INTERSESSION
July 19 – August 13

Please Bring This Bulletin With You
When You Come To Register

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AT LOGAN, UTAH

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Professor of Philosophy, Columbia University

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Football Coach, Tulsa University

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Associate Professor of Nutrition, University of Minnesota

ALTA MILLER
Primary Supervisor, Jordan School District

PAUL R. MORT
Professor of Education, Teachers College, Columbia University

MARY NIELSON
Supervisor of Elementary Schools, South Sanpete School District

PAUL POPENOE
Director, Family Relations Institute, Los Angeles, California

EVERETT SHELTON
Basketball Coach, University of Wyoming

SIGMUND SPAETH
Author, Critic, Lecturer on Music, New York City

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Asst. Director of Research and Certification, Utah State Department of Education

STANDING COMMITTEES

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Colonel Blair, Mr. Bell.

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. Tingey, Bird, Calvert, Hunsaker,
George C. Jensen, Scholes, Mr. Bell, Mr. Berntson.

Student Employment—Mr. Pocock.

Summer Session Entertainment—Professors Joseph R. Jenson, Miss
Yocom, Dean Hayward, Dean Hendricks, Mr. Young, Miss Johnson.

Teacher Placement—Professor L. R. Humpherys.

Utah State Agricultural College

1943 Summer Session

The thirty-seventh annual Summer Session of the Utah State Agricultural College has been planned to meet the specific needs of teachers and students in the time of war. Every institution and every activity must justify itself as never before in this period, 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 turn-over of teachers in the elementary and secondary schools as has occurred during the last year. This will probably continue during the next year as well. Hundreds of teachers in this Western area are being called to regular Army service, 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 demands 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 fully 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 needs of these new and returning teachers who need refresher courses before entering on their new and 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 teaching groups such as the Smith-Hughes teachers, those in home economics, art, 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, townspeople, 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 Sessions character and truly spiritual strength.

VISITING FACULTY

The College has selected a distinguished group of visitors to assist the regular faculty during the 1943 Summer Session. Below are listed some of the visitors who will be in attendance during periods of time varying from one to six weeks.

Sigmund Spaeth, the eminent musical critic and world-renowned as the "tune detective," will be on the campus for the entire six weeks, June 7 to July 16. Dr. Spaeth visited the College for two days in 1942 and was so enthusiastically received by students and townspeople alike that very great efforts were made to persuade him to come for a longer period. He finally found it possible to come for the entire period during which time he will teach regular classes in music and will also deliver several lectures. Dr. Spaeth has become even more widely known during this past winter as one of the regular members of the Metropolitan Opera's radio quizz program.

Irwin Edman, Professor of Philosophy at Columbia University, will deliver daily lectures during the second week of the session, beginning Monday, June 14. Dr. Edman is not only a great philosopher but he is a superb writer and critic. His interest in the aesthetic and cultural has not weakened his scientific observance of humanity.

Paul R. Mort, Professor of Education at Teachers College, Columbia University, will make his first visit to the campus. Dr. Mort is an authority in the field of Administration, and he will be used extensively to give practical help to supervisors, principles, superintendents, and school boards.

M. C. Barlow, Professor of Psychology at the University of Utah, will be visiting Professor of Psychology at the College. Professor Arden Frandsen of the Department of Psychology at the College, will go to the University. This transfer of these two leading professors will carry through the entire period of six weeks.

Dr. Jane Leichsenring, Professor of Nutrition at the University of Minnesota, will teach special courses in Nutrition during the summer Session. Dr. Leichsenring is a distinguished scholar in the field and is particularly well prepared to give practical work in this vital war-time subject matter to students and housewives.

Paul Popenoe, Director of the Institute of Family Relations at Los Angeles, returns to the College for a second time. He was one of the leading lecturers in 1938 when the College celebrated the semi-centennial of its founding. Dr. Popenoe will assume leadership of the Family Life Institute which will be conducted on Tuesday, Wednesday and Thursday, June 22, 23, 24. He will lecture throughout the week at the eleven o'clock hour.

N. Blaine Winters of the State Department of Education will give courses in Safety Education. This course is sponsored and developed

by Mr. Winters and his leadership in this field is generally recognized.

Several successful Utah teachers, including Wanda Robertson from the University of Utah Training School, Mary Nielson from the Elementary Schools in South Sanpete School District, and Alta Miller, Primary Supervisor of the Jordan School District, will assist the Education staff of the College in the conduct of two elementary workshops and demonstration schools.

Miss Helen Strain of Vancouver, Washington will teach classes in the Department of Physical Education for Women.

Henry Frnka of Tulsa University and Everett Shelton of the University of Wyoming will head the coaching staff. Both men made phenomenal coaching records during the last year, but they were selected primarily because they are sound teachers whose success has been consistent rather than meteoric.

REGISTRATION

Registration for the Summer Session will take place Monday, June 7, beginning at 8 a.m. and continuing to 3 p.m., with the exception of the 11 o'clock hour. Students who fail to complete registration on Monday may do so any succeeding afternoon from 1 to 5 p. m. The first step in registering is to call at the Registrar's Office to obtain registration forms and instructions. No classes except the coaching school are scheduled for Monday, but the Roth String Quartet will play concerts at 11 a.m. and 8 p.m.

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 \$2.00 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 Graduate Work. This committee's office for Monday, June 7, is the Registrar'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 arranged 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 1942-43 general catalogue, pages 59-63.

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 orders.

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, 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 page 61 or may be obtained by request to the Department of Education.

FEEES

| | |
|--|---------|
| 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

Board and room accommodations can be obtained near the campus at very 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

Tuesday, Wednesday, and Thursday, June 22, 23, and 24 have been selected as dates for a Family Life Institute. This Institute, under the direction of a committee headed by Mrs. Esther Skeels of the Child Development Department, will feature Paul Popenoe, Director of the Family Institute at Los Angeles, 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 Army 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 that there is this increased demand, 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 a distinguished tradition, the Summer Session is conducting its regular coaching school. There will be a concentrated program during the week of June 7 to June 11. Henry Frnka of Tulsa University will direct the football which is scheduled for the morning hours, and Everett Shelton of the University of Wyoming 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.

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 Sigmund Spaeth, the Roth String Quartet, Andor Foldes, Ludean Rogers. Negotiations are under way with other artists, providing a music program of superior quality.

ARMED FORCES

During the Summer Session the College will carry forward the program of training which is being conducted for the Armed Forces. There is a unit of Marine and Naval trainees in Radio and also a unit of Army Air Force trainees. These units live on the campus and carry forward their program largely with the resident faculty responsible for the classroom instruction. This Army and Navy training program will not interfere with the regular Summer Session in any way.

INTERSESSION

Regularly scheduled Intersession Classes will begin Monday, July 19 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.

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.

By September 1, 1942, beginning elementary teachers' certificates will require four years of college credit.

TEACHERS' BUREAU

A teachers' Bureau under the direction of Professor L. R. Humpherys 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 Building
- A—Mechanic Arts Building
- E—Engineering Building
- P—Plant Industry Building
- L—Animal Husbandry Building
- G—Gymnasium
- N—Library Building
- F—Forestry Building
- W—Widtsoe Hall or Chemistry Building
- H—Home Economics and Commons Building
- MS—Military Science Building
- FH—Field House

ART

Calvin Fletcher, Professor

H. Reuben Reynolds, Associate Professor

31. Posters and Layout. War Service emphasized. Second three weeks. Two and one-half credits. Lecture daily 10, laboratory daily 2-4. M330c. Fletcher

51. Drawing Methods for Elementary Grades. First three weeks. Two and one-half credits. Lecture daily 10, laboratory daily 2-4. M330c. Fletcher

52. Design Methods for Elementary Grades. First three weeks. Two and one-half credits. Lecture daily 8, laboratory daily 9-11. M330e. Reynolds

53. Handwork for Elementary Grades. Second three weeks. Two and one-half credits. Lecture daily 8, laboratory daily 9-11. M330e. Reynolds

104. (Studio) Creative Expression. Pearson method of presenting a basic understanding of the principles of Art underlying all art expression. Adapted to the layman, teacher, or artist. Opportunity is offered those who wish to specialize in the technics of water color, oil, egg tempera or gouache painting. Criticism daily 2-4. Pearson method students must arrange for both hours daily. Others may work any time but should come for help at one or more hours between 2 and 4. Credit is arranged on a basis of thirty hours work for each credit granted. One to five credits may be taken. M330d. Fletcher

105. Scientific Drawing. Criticism daily 2-4. Credit arranged. M330d. Fletcher

106. Sculpture. Criticism daily 2-4. Credit arranged. M330d. Fletcher

113. Art Metalry. Jewelry and stone polishing. Credit arranged. Daily 9-11. Students may work other hours but criticism only between 9 and 11. M330e. Reynolds

114. Minor Crafts. (a) Leatherwork, (b) Basketry, (c) Polychrome and gesso, (d) Textile decoration including blockprinting, batik, stenciling, etc. Credit arranged. Thirty hours work per credit. Criticism daily 9-11. Work other hours if you wish. M330e. Reynolds

*Note: Any other studio course may be given if students make application. Outdoor sketch class will be arranged if students desire it.

BACTERIOLOGY AND BIOCHEMISTRY

J. E. Greaves, Professor

Kenneth R. Stevens, Associate Professor

Lewis W. Jones, Assistant Professor

1. General Bacteriology. This course deals with the biology and significance of bacteria. The following are considered: the development of bacteriology; the morphology and physiology of bacteria; bacteria in air, food and water; and the role they play in the arts, industries, and in the production of diseases. Two and one-half credits. Daily 8. P302. Greaves

110. Advanced Bacteriology. Special phases of bacteriology. Prerequisite: Bacteriology 1, 2. Two and one-half credits. Daily 9. P302. Jones

120. Microbiology of Food. A course dealing with fundamental principles involved in the cause and prevention of spoilage in food preservation. Two credits. Lecture T-Th 10, laboratory T-Th 2-5. P302. Stevens

BUSINESS ADMINISTRATION

P. E. Peterson, Professor

Charles A. Wall, Assistant Professor

63. Salesmanship. The history, development, and opportunities in sales work will be covered. The necessity and methods of securing proper preparation for sales work in order to meet the problems encountered in both direct selling and retail selling will be analyzed. The principles of preparing for interviews, proper presentation, gaining favorable attention, arousing the desire to buy, meeting objections, and creating acceptance will be studied. Lectures and assigned cases. Two and one-half credits. Daily 9. M301. Wall

101. Accounting Principles and Practices. A brief course in the basic principles, forms, and techniques of accounting. Lectures and assigned problems. Two and one-half credits. Daily 8. M301. Wall

CHEMISTRY

Sherwin Maeser, Professor

121. Organic Chemistry. Fundamental principles of organic chemistry. Either Chemistry 122 or 123 will be given if five students apply. Five credits. Three lectures and two laboratories. Time arranged. W302. Staff

ECONOMICS

W. L. Wanless, Professor

W. N. Watson, Assistant Professor

25. **Resources and Industries of the United States.** An introductory course in economic geography. Emphasis is placed upon the resources in minerals, land, forests, and power. Particular industries such as iron and steel, oil, and cotton are considered in detail. A brief discussion of the transportation system and foreign trade concludes the course. Can be taken for either three or six weeks. Two and one-half credits. Daily 7. M352.

Watson

159. **Post-War Economic Problems.** A study and discussion of economic changes which are likely to occur in the post-war world. Consideration will be given to the effect of these changes on American domestic economy. Two and one-half credits. Daily 9. M352. Wanlass

165. **Money, Credit and Prices.** The nature, development and uses of money and credit. Special attention given to bimetallism, the gold standard, the money market and the relation of money and credit to prices. Two and one-half credits. Daily 10. M352. Wanlass

EDUCATION

E. A. Jacobsen, Professor

C. E. McClellan, Professor

John C. Carlisle, Associate Professor

Edith Smith Shaw, Instructor

Melba Glade, Instructor

Fern Nicholes, Instructor

Visiting Faculty

Paul R. Mort

N. Blaine Winters

Alta Miller

Mary Nielson

107. **The Improvement of Reading.** The course will deal with basic principles of reading instruction in elementary and secondary schools. Objectives, reading materials, methods of instruction, diagnostic and remedial activities all will be considered. Enrollment permitted for either the first or second three weeks. One and one-fourth credits for each three weeks. Daily 8. M355. Carlisle

115. **School Curriculums in War Time.** This course will attempt to examine curricular problems as they exist in war time; to evaluate some of the suggestions that have been made for changes in the schools, and some of the practices that have been undertaken, and to

consider probable changes that may be needed in our own schools. Two and one-half credits. Daily 8. M279. McClellan

116. **Articulation of the Educational Program.** A survey of existing needs for closer articulation of the various education 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. M280. Winters and Jacobsen

119. **Duties of School Principals.** Changed conditions in the schools will likely see numbers of teachers taking over the responsibilities of a principal for the first time. For the purpose of helping such persons in their new work this course will discuss the duties of principals in their various functions as executives, as supervisors, as clerical workers, etc. Two and one-half credits. Daily 10. M279. 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, stressing various aspects of safety and directed by safety specialists from many areas. Two credits. First three weeks. Daily 9. M280. Winters

175. **Demonstration School and Workshop.** The demonstration school will be conducted on two levels of advancement in the field of elementary education and will serve to illustrate the practical applications of modern concepts of education. Following directed observation in these demonstration rooms will be group discussions organized around topics of special interest to the class members. Six credits. Students may take the course for either the first or second six weeks and receive three credits for such period of study. Demonstration classes 9-12 daily. Discussion groups 1-2:30 daily. Shaw and Staff

176. **Modern Methods in the Elementary School.** A course designed especially to bring teachers into contact with present day elementary school practices. This course will be conducted by school supervisors who will bring the results of years of experience in practical school situations. Two and one-half credits. Daily 3. Miller, Nielson and Staff

181a. **School Finance.** A study of the importance of finances in a school system and the principles and practices involved in the collecting and the distributing of school revenues, with special deference to the conditions in Utah. First three weeks. One and one-quarter credits. Daily 10. M280. Mort

181b. **School Finance.** A continuation of 181a. Second three weeks. One and one-quarter credits. Daily 10. M280. Jacobsen

201. **Background of Modern Education.** In the midst of a world struggle, and facing possible major changes in post-war education,

it is thought a review of the development of educational thought as it has developed through the centuries might aid us in any necessary reconstruction of our own educational thinking. This course is designed to aid us in bringing our educational concepts up to date. Credits for this course may be used to satisfy the requirements for certification in lieu of the Principles of Education. Two and one-half credits. Daily 9. M279. McClellan

203. **Evaluating the Elementary School.** Studies evaluating the changing elementary school will be analyzed. Particular attention will be given to organization and curriculum. Newer methods utilized in evaluation will be considered. Enrollment open only to experienced teachers or prospective teachers who have completed their courses in practice teaching. Two and one-half credits. Daily 2. M134. Carlisle

205. **Reading and Conference.** A course providing for individually directed study in the fields of one's special interest and preparation. Special attention will be given to advanced work in Guidance and Organization and Administration. One or two credits. Time arranged. Staff

237. **Seminar in School Administration.** Specified problems of state and local school administration as submitted by various school administrators of Utah will form the basis of the discussion. One and one-quarter credits. Time arranged. Mort

242. **Social Change and Education.** This course involves an analysis of social trends, economic, industrial, social, political, etc., and a discussion of the implications for education of each of these trends and changes. The social analysis will be presented by specialists in each of these various fields. The educational implications will be discussed under specialists in the field of education. Two and one-half credits. Daily 1. M280. Jacobsen

Note: Elementary teachers are urged to examine the following courses in Home Economics, Child Development 60, and Foods and Nutrition 140.

ENGLISH

N. A. Pedersen, Professor
Wallace J. Vickers, Professor
King Hendricks, Associate Professor
Ira N. Hayward, Assistant Professor
Moyle Q. Rice, Assistant Professor
Alice Senob, Assistant Professor

1. **College Grammar.** A double course. Five credits. Daily 9 and 1. N314. Vickers

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. Five credits. Daily 7-9. Anne Carroll Moore Library. Library fee \$1.50. Pedersen

52. American Literature. A general survey reading course of American poetry and prose from the Colonial period to the present, with special emphasis on writings that reflect the development of the democratic spirit. Two and one-half credits. Daily 10. N312. Senob

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 8 and 2. N314. Rice

123. Teaching of English in Secondary Schools. A discussion of aims, materials and methods in the three fundamental areas of English instruction: speaking, reading, and writing. The course is designed for teachers of at least one year's experience; others may be admitted with the consent of the instructor. Three credits. Daily 9, plus one hour arranged. N310. Hayward

149. Comparative Literature. A comparative study of the Romantic period in England and Germany. Two and one-half credits. Daily 10. N320. Hendricks

GEOLOGY

J. Stewart Williams, Professor

2. Introductory Historical Geology. An introduction to the study of earth history including the evidence from the rocks, the interpretation of the evidence and a sketch of the geological history of plants and animals, including man. Five credits. Daily 7-9. M283. Williams

HISTORY

Joel E. Ricks, Professor

J. Duncan Brite, Associate Professor

126b. European History. Napoleonic Europe, 1799-1815. This course deals with the rise of Napoleon Bonaparte to power in France as a result of the French Revolution, the spread of his rule over Europe by 1807, and his final defeat at Waterloo through the coalitions of European states against him. Comparisons and analogies with the rise of Hitler in recent history will be noted and discussed. Two and one-half credits. Daily 10. N314. Brite

128. **European History. Twentieth Century World.** Two and one-half credits. Daily 7. N314. Brite

160. **United States History. United States in Twentieth Century.** Two and one-half credits. Daily 9. N314. Brite

HOME ECONOMICS

Christine B. Clayton, Professor
Bertha F. Johnson, Associate Professor
Agnes E. Bahlert, Assistant Professor
Esther L. Skeels, Assistant Professor
Helen A. Ajax, Assistant Professor
Edna Page, Assistant Professor
Ann Burns, Instructor

Visiting Faculty

Jane Leichsenring

Child Development

60. **Child Guidance I. S.** This course is 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, one 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 \$1.00 is required. Two and one-half credits. Daily 7. M134. Skeels

70. **Mothercraft.** This course includes a study of the anatomy and physiology of the reproductive system, preparation for motherhood, and the physical care of mother and child from the prenatal period to the end of the first year of the child's life. Prerequisite, Physiology 4. Two and one-half credits. Daily 10. G27. Burns

140. **Special Problems in Child Development.** Open to qualified students majoring in Child Development upon consultation with instructor. 1 credit. Tuesday 2. Nursery School Office. Skeels

Food and Nutrition

10. **Conservation of Foods.** A lecture-laboratory course of approved scientific and practical methods of food processing, preservation and storage. Two credits. First three weeks MTWTh 8-11. Bahlert

106. **Meals for the Family.** The planning, preparation, and serving of nutritionally adequate family meals at different levels of in-

come with special emphasis on rationing and food-point buying. Two and one-half credits. M.F. 12, T.W.Th. 12-2. H 203 Lecture, 103 Lab. Staff

140. Foods and Nutrition. Nutrition work with children. An introductory course in the principles of nutrition for teachers in elementary and secondary school. Attention will be given to the teacher's role, and to school and home problems in Nutrition. The discussions will be concerned with nutrition projects suited to different age groups. Two and one-half credits. Daily 8 and 2 with one additional discussion period to be arranged. H. 101. Leichsenring and Humphrey

142. Dietetics. A review of the fundamentals of chemistry and biology as applied to human nutrition, with practice in the calculation of dietaries in health and disease. Nutritional problems of wartime will be emphasized. Prerequisite, Principles of Nutrition and Organic Chemistry. Three credits. Daily 10. Laboratory arranged. H101. Clayton and Staff

160. 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. Time to be arranged. One or two credits. H102B. Staff

185-285. Nutrition Refresher Course. A review of the principles of the newer knowledge of nutrition, with special attention to methods 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. One and one-half credits. Daily at 9, the first three weeks. H101. Leichsenring

GENERAL HOME ECONOMICS

25. Home Hygiene and Care of the Sick. A course in home nursing and first aid to the injured. The first hour is devoted to discussion, the laboratory to demonstrations and practice. Reading of reference material and writing of special reports required. Laboratory apron needed. See instructor. Class limited to 22. Two credits and Red Cross Certificate. T.Th.1-2. Lecture demonstrations. 2-4. Lab. Burns

149. Economics of Household Consumption and Production. An economics analysis of household production and of the source of distribution of family income under different conditions. Special problems include practice in planning budgets for specific families and laboratory work in the scientific consideration of household standards and organizations. Required of all students before residence in the Home Management House. Prerequisites, Foods 20, 21, and 106 for all Vocational Home Economics students; others, Foods 9 and 106 or the equivalent. Two and one-half credits. Lectures M.W.F. 1, Lab. arranged. Bahlert

150. Residence in the Home Management House. A six weeks' resident course affording senior college and graduate women an opportunity to apply principles of scientific and practical management of actual home problems. Prerequisites Home Economics 140 or concurrent registration or the equivalent. Three credits, time arranged. Home Management House. Bahlert

Textiles and Clothing

5. Dress and Personality. Open to towns-women and all college girls desiring work in planning the wardrobe to express personality on a limited income. No construction. T.Th. 1-4. Two credits. May be taken for three or six weeks' period. Johnson

9. Clothing for the College Girl. Lecture same as Clothing 5 with the addition of laboratory in which one garment is constructed. Two and one-half credits. T.Th. 1-4. Johnson

180. Family Clothing Problems. Includes remodeling and renovation of demoded clothes with emphasis upon suitable techniques and good design and a study of clothing budgets. Check prerequisites with instructor before registering. Three credits. M.W.F. 2-5. Johnson

190. Special Problems. Independent study under faculty direction of a special problem in textiles or clothing in which student has need of further study. Consult instructor before registering. Time and credits arranged. Johnson

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 designed particularly to meet needs of teachers who have not had training in recent years, or of teachers returning to the school-room. Special attention will be given to the interpretation of the State Course of Study Guide. The course carries education credit which will apply towards renewal of certificates. Class will meet daily at 9 and one two-hour workshop laboratory period each week. Time to be arranged. Three credits. Ajax

LIBRARY SCIENCE

100. Reference Materials and Bibliography. Basic reference materials, including trade and subject bibliography and their use in the informational services of libraries. Three credits; one and one-half credits for first three weeks. Daily 1. N204. Rich

120. Cataloguing and Classification. Classification of books according to the Dewey decimal system and cataloguing instruction

adapted primarily to the use of schools and public libraries. Three credits; one and one-half credits for first three weeks. Daily 10. N204. Renfro

170. **Government Publications.** Description of the public documents published by the United States government in the problems in bibliography and document search. Three credits. One and one-half credits for first three weeks. Daily 7. N204. Davies

MATHEMATICS

V. H. Tingey, Associate Professor

34. **Essentials of 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. Tingey

MODERN LANGUAGES

George A. Meyer, Professor

Thelma Fogelberg, Assistant Professor

Spanish 101. **First Quarter of Second-year Spanish.** Grammar review, reading and translation. Can be adapted to needs of individual students. Five credits. Twice daily, 10 and 2. M353. Fogelberg

MUSIC

Walter Welti, Associate Professor

N. Woodruff Christiansen, Associate Professor

Visiting Faculty

Sigmund Spaeth

4-104. **Elementary Theory.** Includes sight singing and dictation, both melodic and rhythmic in simple patterns, treatment of key signatures, intervals, note values and short exercises in melody writing. Two and one-half credits for six weeks; one and one-quarter credits for three weeks. Daily 1. M130. Welti

121a. **Band and Orchestra Instruments.** A study of string and brass instruments and the essential points in teaching them. One

and one-half credits. First three weeks. No previous experience needed. Daily 1. M205. Christiansen

121b. **Band and Orchestra Instruments.** A study of woodwind and percussion instruments and the essential points in teaching them. One and one-half credits. Second three weeks. No previous experience needed. Daily 1. M205. Christiansen

30-130. **Music in the Grades.** Teaching methods and procedure, lesson planning, care of the child voice, scales, tetrachords, two and three part singing. Students of this course should have some background comparable to that outlined in Music 4-104. Two and one-half credits for six weeks. One and one-quarter credits for three weeks. Daily 10. M130. Welti

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 8. M130. Spaeth

50-150. **The Music of America.** A study of America's musical achievements including both popular and classical expressions. Two and one-half credits for six weeks. One and one-half credits for either three week period. Daily 9. Anne Carroll Moore Library. Spaeth

185. **Musical Literature for Elementary Schools.** The resources of 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. M205. Christiansen

Private Instruction Courses

155. **Voice Instruction.** For beginners, advanced students, and teachers of voice. Work in tone production, diction, and repertoire. By special individual appointment. One credit for six lessons; two credits for twelve lessons. Welti

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, Assistant Professor
Rachael Yocom, Assistant Professor
Helen L. 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

7. **Body Conditioning and Physical Fitness.** Men. A course designed for teachers of Physical Education. Time will be spent in studying the various phases of body conditioning and the various types of exercises and programs being used today. Special emphasis will be given to Physical Education as a part of the Victory Corps program. Two and one-half credits. Daily 8. Men's Gym. Hunsaker

17. **Elementary Swimming.** Men. One credit. Daily 3. Pool. Jenson

25. **Tennis.** Men and Women. One credit. Section 1. Daily 8. Yocom. Section 2. Daily 2. Strain

43. **Square Dancing.** Men and Women. A class designed for the practice and study of methods of square dancing, technique of teaching and calling. Two and one-half credits. Daily 10. Women's Gym. Strain

54. **Elementary Swimming.** Men and Women. One credit. Daily 12. Yocom

55. **Body Conditioning and Physical Fitness.** Women. A study and practice of the physical education program for girls recommended by the High School Victory Corps Program. Two and one-half credits. Daily 1. Yocom

63. **Elementary Archery.** Men and Women. One credit. Daily 1. Men's Gym. Hunsaker

57. **Elementary Badminton.** Men and Women. One credit. Daily 10. Men's Gym. Hunsaker

64. **Intramural Sports.** Men and Women. Class designed for recreation. Teams will be organized and tournaments in Softball, Badminton, Tennis, and Horseshoes, will be conducted. Contests will be scheduled three times a week. One credit. Daily 12. Men's Gym. Hunsaker

150. **Methods in Dance.** Women. A class in the techniques in teaching tap, modern, folk, and social dance, for the secondary school. Two and one-half credits. Daily 8. Women's Gym. Strain

163. **Recreative 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. Two and one-half credits. Daily 2. Men's Gym. 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; play-days, recess; after-school; and intramural programs. Two and one-half credits. Daily 9. G27. Yocom

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

285. Community Recreation. Essential organization plans for a community, recreation set-up. The aim of the course is to make programs and plan for all types of recreational necessities. Two and one-half credits. Daily 8. Men's Gym. Jenson

295. Character Education in Physical Education. Essential steps in formulating the curriculum for physical education for the several upper grades with consideration for and of the basic elements to be taught in the various activities, problems in organization of content material and class procedure to insure levels, for the development of character. Two and one-half credits. Daily 9. Men's Gym. Jenson

COACHING SCHOOL

E. L. Romney, Director of Athletics

Visiting Faculty

Henry Frnka
Everett Shelton

120. Methods of Coaching for Men. A theoretical and practical consideration of training and coaching men's athletic teams.

120b. Basketball Coaching. June 7 to 11 inclusive. Daily 2:30 to 5:00 p.m. One credit. Shelton

120f. Football Coaching. June 7 to 11 inclusive. Daily 7:30 to 11:00 a.m. One credit. Frnka

PHYSICS

Willard Gardner, Professor

Note: Any course in Physics listed in the regular catalogue will be taught during the Summer Session if five students make application.

PHYSIOLOGY, HYGIENE AND PUBLIC HEALTH

C. L. Anderson, Professor
William A. Scholes, Instructor

14. Health Education. An informational course dealing with the basic factors in hygiene and health education, and opening up the fields of health promotion and disease prevention. Three credits. Daily at 8, and one additional hour per week to be arranged at the first meeting of the class. H20. Scholes

114. School Health Programs. Designed to meet the practical problems of health education in the public schools. Three credits. Daily 9, and one additional hour per week to be arranged at the first meeting of the class. H20. Scholes

115s. Readings in Current Literature. A study of current literature in the field of physiology, hygiene and public health, with written and oral reports. Three credits. Hours to be arranged. H20. Scholes

POLITICAL SCIENCE

Milton R. Merrill, Professor
F. D. Daines, Professor

102. International Political Relations. Psychological, economic, racial, and other obstacles to international cooperation, as exemplified in recent events. The Treaty of Versailles; the League of Nations; and present day world politics. Two and one-half credits. Daily 9. M358. Daines

180. Current Political Problems. A course primarily for those specializing in Political Science and other Social Sciences, but open to others interested, if qualified. Various problems of national and international political interest are intensively studied for the summer of 1943. Two and one-half credits. Daily 1. M358. Daines

PSYCHOLOGY

Arden Frandsen, Professor

Visiting Faculty

M. C. Barlow

102a. Educational Psychology. A professional course for prospective high school teachers, intended to increase understanding of the personalities and problems of adolescents and to develop greater insight into the conditions for effective learning. Applications will be made to teaching in both junior and senior high schools. Prerequisites, General Psychology and Elementary Statistics, the latter of which may be taken parallel with Educational Psychology. Two and one-half credits. Daily 8. M359. Barlow

103. Personality and Conduct Problems. A study of the characteristics, causes, treatment, and prevention of personality and conduct problems which may arise in family, school, vocational, social, and recreational activities. Individual counsel will be available on the

teacher's personal problems as well as on those of her pupils. One and one-fourth credits for first three weeks; additional one and one-fourth credits for second three weeks. Daily 10. M359. Barlow

SECRETARIAL SCIENCE AND OFFICE PRACTICE

P. E. Peterson, Professor
Charles A. Wall, Assistant Professor
Clara P. West, Instructor

75. First Quarter Stenography. This course is 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 of shorthand plates. Practice will also be given in writing shorthand notes. Two and one-half credits. Daily 9. M305. West

80. Intermediate Stenography. This course is 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, practice in the reading of shorthand plates, 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. West

86. First Quarter Typewriting. For students who have had no typewriting. This course is designed to develop correct technique in stroking through syllable, word, and sentence drill. Mastery of the keyboard will be developed through shifting, rhythm, number, and stroking drills, "timed" writing, and finger exercises; personal use problems. One credit. M302. Daily 10. West

89. Advanced Business Typewriting. This course is 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, telegrams, invoices, billing, tabulation. One credit. Daily 12. M302. West

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, chain discounts, prorating, decimal equivalents, constants. Two credits. Daily 10. M303. Wall

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 credits. Daily 10. M303.
Wall

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
Evelyn Hodges, Assistant Professor
Parley Kilburn, Instructor

60. Courtship and Marriage. A study of social and individual problems of mate selection, courtship and marriage with emphasis given to those factors which make for favorable selection. One and one-fourth credits. Daily 8. First three weeks. M206. Hodges

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 9. M206. Hodges

100. Educational Sociology. This course deals with the influence of the social processes and social changes on school curricula, objectives and teachers. It includes an appraisal of educational goals in the light of our present social needs. Two and one-half credits. Daily 7. M359. Kilburn

160. Family Integration. A discussion of the problems of relationship within the family and with other social groups. Special attention is given to those practices which make for successful family life. Family values are stressed in the treatment of cultural patterns as crucial in meeting needs. One and one-fourth credits. Daily 8. Second three weeks. M206. Hodges

SOCIAL WORK

277. Social Case Work in the Schools. Analysis, investigation, and treatment of school children's behavior problems. The course is especially designed for teachers of the nursery, elementary, and high schools. Two and one-half credits. Daily 10. M206. Hodges

SPEECH

Chester J. Myers, Associate Professor

4-104. Oral Interpretation of Literature. Various literary forms are studied for platform presentation. The mastering of significant selections from the great masters. Reading from manuscript and from memory. Patriotic and morale building materials will receive special attention. Two and one-half credits. Daily 8. M356. Myers

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 and to freshmen and sophomores majoring in speech. Special fee. Time and credit arranged. Myers

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. M356. Myers

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. M356. 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. Myers

ZOOLOGY AND ENTOMOLOGY

W. W. Henderson, Professor

Note: Any course in Zoology and Entomology listed in the regular catalogue will be taught during the Summer Session if five students make application.

INTERSESSION

JULY 19 — AUGUST 13

Course schedule for Intersession will be published in June