Summer 1959

General Catalog 1959, Summer

Utah State University

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The Grand Teton as seen on the Yellowstone Ranger Hike

Boating and fishing at beautiful Bear Lake
Utah State University

Utah's State-wide University
Founded at Logan in 1888

1959
Summer School
June 15 — August 21

FIRST SESSION
June 15 — July 17

SECOND SESSION
July 20 — August 21
INDEX TO NUMBERS

1. Amphitheater
2. Mechanic Arts
3. Old Main
4. Information Service and Alumni Affairs
5. President's Home
6. Smart Gym
7. Heating Plant
8. Forestry
9. Home Management House
10. L.D.S. Institute
11. Parking Space
12. Music
13. Sorority and Fraternity Houses
14. Stadium
15. Military Science
16. Field House
17. Student Union Building
18. Widtsoe Hall
19. Plant Industry
20. Animal Industry
21. Engineering
22. Research Foundation
23. Commons Building
24. Library
25. Land Hall
26. Moen Hall
27. Greaves Hall
28. Reader Hall
29. Merrill Hall
30. Greenhouses
31. Technology
32. Rural Arts
33. Agricultural Science
34. Forestry and Biological Sciences
35. Veterinary Science
36. Maintenance
37. Co-op House
38. Armory
39. Men's Dormitories
40. Tennis Courts
41. Edith Bowen School
42. Baseball
43. Car Maintenance
44. Art Barn
45. Newman Center
46. Engineering and Physical Sciences
47. University Apartment area
A Summer School
You Will Long Remember

Scenic Cache Valley provides a delightful setting for Utah State University's National Summer School at Logan. The educational, cultural, and recreational offerings at USU rate it as one of the foremost in American summer schools.

Students enjoy and profit by the services of some fifty of the nation's foremost scholars, who comprise our visiting faculty. These authorities are supported by a resident faculty of unexcelled efficiency in their respective fields of study. Together they represent almost every area of intellectual endeavor.

Our graduate program in education and related fields is of a high order. In addition to the numerous course offerings in the 1959 Summer School, students may participate in more than thirty workshops, clinics, and institutes covering various phases of a broad educational program.

We offer you recreational opportunities that will never be forgotten. We invite you to come and enjoy the finest at Utah's National Summer School. We believe you will find the best in the things for which summer schools are organized.

L. G. Noble, Director

What the Summer School Offers

Utah State University National Summer School is many things. It is organized to meet a diversity of needs of school administrators, supervisors, elementary and secondary teachers, guidance counselors, entering freshmen, people in the professions and vocations. All come to the University campus to satisfy requirements for a bachelor or advanced degree, or certification, and to receive cultural and inspirational values. In short, the major objective of the University is to foster all that makes good citizenship, vocational efficiency, and the improvement of our democratic way of life. Such values may be realized by participating in activities scheduled for one week, two weeks, one session, or a full ten weeks' period.

Instructional services at the University are organized mainly in seven colleges: Agriculture; Business and Social Sciences; Education; Engineering; Family Life; Forest, Range and Wildlife Management; University College; and a School of Graduate Studies. Instruction in each of these colleges is organized in the Summer School to especially serve graduate study.

Utah State University Summer School is certified by the North Central Conference on Summer Schools. It is an institution with a national reputation. You can effectively combine education and recreation at a moderate cost on one of the most beautiful campuses in America.
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Admission to Summer School

Admission to Summer School is granted without advance application. If, however, you expect to become a candidate for a degree, you should be prepared to meet regular admissions requirements and present the required credentials, including transcripts of credit from schools previously attended.

If you register in the School of Graduate Studies you must present proof that you have attained graduate status. Your transcript will then show that you are enrolled in the School of Graduate Studies and that all courses numbered over 100 may carry graduate credit.

Summer School Fees

<table>
<thead>
<tr>
<th></th>
<th>First Session</th>
<th>Second Session</th>
<th>Both Sessions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Registration</td>
<td>$10.00</td>
<td>$10.00</td>
<td>$10.00</td>
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<tr>
<td>Tuition</td>
<td>17.00</td>
<td>17.00</td>
<td>34.00</td>
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</tr>
<tr>
<td>Health</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td><strong>Total Fees</strong></td>
<td><strong>$34.00</strong></td>
<td><strong>$33.00</strong></td>
<td><strong>$54.00</strong></td>
</tr>
</tbody>
</table>

**Special Fees**

**Late Registration Fee:** $5 beginning second day after the first meeting of class, additional $1 for each additional day up to a maximum of $10. A student whose check is dishonored by his bank will be charged the late fee in effect when the check is redeemed.

**Excess Registration Fee:** For each excess hour $10.00. Students may register for 9 hours either session or 18 hours for both sessions without paying excess registration fees.

**Special Students** $10.00

Registration fee plus $3 per credit hour (maximum 4 hours).

**Auditor's Fee** (per course) $10.00

Does not apply to regularly registered students who may obtain visitor's permit from Registrar's Office.

**Coaching School,** Registration $14, $3 per credit, (maximum 2 credits for school) $20.00

**P.E. 176—Camping Trip,** Total $26.00

**Equipment Rental—Packing $8,** Equipment rental $8, Transportation $10.

**Forestry 96; 97; Range 98; Wildlife 99;** $5 lab fee in each course.

Music Clinic (non-credit), Registration $7.50, activity fee $2.50 $10.00

**Graduation Fee** $10.00

**Master's Degree for Binding and Proofing Thesis** $5.00

**Qualifying Examination in Graduate School:**

1 part $5.00
2 parts $6.00

**College of Business and Social Sciences**—Students using business machines will be required to pay a fee of $2 per quarter. A minimum excess breakage fee of $5 may be required for laboratory classes.

**Private Instruction in Speech,** 12 and 112, per lesson $30.00

**Practice Fees:**
- Practice room with piano, 1 hour per day both sessions $2.50
- Practice room without piano, 1 hour per day both sessions $1.75
- Organ, 1 hour per day both sessions $5.00

**Enrollment in Demonstration School,** per child $5.00

**Enrollment in Child Development Laboratory** (nursery) per child $7.50

**FEE REFUNDS**

With exception of the $10 registration fee, a proportionate share of all fees paid may be refunded to any student who withdraws from school before the end of the third week of either session.
Living Accommodations

The University provides student housing facilities for single men, single women, and married students in the residence halls on the campus. It has available a number of apartments for families, and a private trailer court with rental space at moderate prices. It also maintains a list of apartments and student accommodations in private homes in the community. Prospective summer school students desiring reservations should fill out and mail the Application for Summer School Housing Reservation in this catalog. The following housing facilities are available on the University campus:

1. **Group Living Units:**

   These accommodations ordinarily house six single men students, or six single women students per apartment, two to a bedroom, during the regular academic year. Each dwelling consists of combination living room-kitchen, bath, and three bedrooms. Telephones may be installed, if desired. Reception rooms, recreation room, sewing room, sundecks, and laundry rooms are shared. Ample storage space is provided.

   When rented on a no-housekeeping basis, lights and bedding furnished, charges per person are as follows:

   - **Daily Rate** ........................................ $2.50
   - **Weekly Rate** ..................................... $15.00
     1 to a bedroom (3 per apartment)
   - **Weekly Rate** ..................................... $10.00
     2 to a bedroom (6 per apartment)

   Each summer session
   - 6-15 to 7-17-59 .................................... $50.00
     1 to a bedroom (3 per apartment)

   or
   - 7-20 to 8-21-59 ................................. $40.00
     2 to a bedroom (6 per apartment)

   When rented on a housekeeping basis, cooking utensils, dishes, towels, linens, irons, ironing boards, and all other personal effects not furnished, charges are:

   Each summer session
   - 6-15 to 7-17-59 .................................... $80.00
     couple without children
   - or
   - 7-20 to 8-21-59 .................................... $120.00
     couple with 1 to 4 children
     (none under age 8)

2. **Lund Hall:**

   Lund Hall is a conventional residence hall for women. Bedding, desks, desk lamps, two beds per room, and individual closets are provided. Towels, personal effects are not provided. Meals are available in the Student Union Cafeteria.

   Charges per person are:
   - **Daily Rate** ........................................ $2.50
     first night, $2 each night thereafter
   - **Weekly Rate** ..................................... $8.00
     (two persons per bedroom)
   - **Weekly Rate** ..................................... $10.00
     Private room
   - **Per Session Rate** ............................... $40.00
     (two persons per bedroom)
   - **Per Session Rate** ............................... $50.00
     Private room

3. **Richard Hall:**

   Richards Hall is a conventional residence hall for men. Four bedrooms per suite. Maid service not pro-
vided. Bedding, desks, desk lamps, two beds per room, and individual closets are provided. Towels, personal effects are not provided. Bathing and storage facilities are available with each four rooms sleeping eight persons. Meals are available in the Student Union Cafeteria.

Charges per person are:

**Daily Rate** .................................. $ 3.00
first night, $2.50 each night thereafter

**Weekly Rate** ............................... $10.00
two persons per bedroom

**Weekly Rate** ............................... $15.00
one person per bedroom

**Session Rate** .............................. $40.00
two persons per bedroom

**Session Rate** .............................. $50.00
one person per bedroom

4. **University Trailer Court — For modern, sanitary trailers only.**

This court provides trailer connections to sewer and water mains. Parking space is hard-surfaced. A utility house provides laundry space, also rest rooms, and individual shower stalls. The University provides coin-metered clothes washing machines and dryers. No provision is made for use of privately-owned laundry equipment.

**Rental charges:**

6-15 to 7-17-59 (each session) $20.00
or
7-20 to 8-21-59

In making application for trailer space, please indicate size of trailer and location of its water and sewer connections.

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**Application for Summer School Housing Reservation**

Instructions: Print or use typewriter. A $10 fee must accompany this application. In the event that you are unable to come, notify us by June 9, and a refund will be granted.

**Date** ..................................................

**Applicant's full name:** ..................................

**Present Address:** ......................................

**Marital Status** ........... Sex........ Age........

**Applicant's year in College:** ..................

**Housing desired:** ....................................

1st choice .................. 2nd..................

**Dates of Period for which Applying:** .............

From ...................................... 19.....
To ....................................... 19.....

**Check for $10 enclosed** ..........................
**Money order** ......................................

I plan to arrive on (date) ..........................

Mail to: Coordinator, Student Housing
Utah State University, Logan, Utah

**Signature of Applicant:** ..........................

**Address** ..............................................
Food Service

The cafeteria provides wholesome and tasty food at a price to fit your budget. It will be operated during both summer sessions and, in addition, the snack bar will offer tasty short orders and fountain treats during the first session. Capable, experienced cooks are available to supply Summer School needs for special meals, banquets, picnics, and teas.

Health Service

Upon payment of the health fee, all Summer School students have the following medical service available to them without extra cost:

(A) Regular dispensary care: (1) Consultation on health matters. (2) Medical exam. (3) Care for emergencies such as: fractures, sprains, bruises, dislocations, cuts, sutures, and all ordinary health matters requiring medical and minor surgical attention. (4) X-rays for injuries — fractures, etc. (5) Consultation for all different cases when needed. (6) Inoculations and immunizations. Note: This includes all the care regularly given in any doctor's office or clinic.

(B) Does not include: (1) Emergencies occurring off the campus. (2) Emergencies occurring out of town. (3) Chronic illness originating before entrance to school. (4) Hospital care for any condition. (5) Major surgery. (6) Service to wives or children of students.

Summer Office Hours: 9 a.m. to 11 a.m.—Monday through Friday. Other hours by appointment.

Directions for Registration

Registration for the Summer School will be conducted according to the following instructions and the schedule of classes.

Your load during summer quarter must be approved by dean of the college in which you enroll. A maximum of nine credits may be taken in each session. This number may not be exceeded without the approval of the dean concerned.

Registration for the summer session will be conducted in the Field-house and Main building Monday, June 15, from 8 to 11 a.m. and from 1 to 3 p.m.

You may enroll for the entire term on the regular registration date, or registration for the second session may be added at the beginning of the second session on July 20. No special registration period is set aside for the second session.

Registration procedures. Obtain registration packets, fill out proposed list of courses, consult faculty adviser, ob-
tain approval of college dean, obtain class roll cards, have registration packets checked, secure fee assessment, pay fees at the cashier's window in Main 108, and return registration packets in the Main Auditorium. *Registration is not complete until packets have been returned.*

Registration closes at the end of the second week and in the case of short courses, registration must be completed before the end of the course.

*Changes in registration.* Any change in the original registration must be recorded and approved on the official change of registration form.

During the first two weeks of any course, courses may be added or, during the first three weeks, dropped, by obtaining the approval of the instructor concerned and the dean of your college.

*Change of registration fee.* No charge will be made for changes of registration during the first week of any course. One dollar will be charged for each change thereafter.

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**Grades and Grading**

The Registrar's Office will mail grades for both sessions of the Summer School following the close of second session. First session grades are not available before that time.

Four passing grades, "A," "B," "C," and "D," are employed in reporting credit. No grade lower than "D" can count toward satisfying credit requirements. "A" equals 4 points, "B" 3 points, "C" 2 point, "D" 1 point, and "F" 0.

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**School of Graduate Studies**

Work programs beyond the baccalaureate degree are offered during the summer quarter to meet a wide variety of needs for graduate study. Departmental course work is so organized to help you meet teacher certification requirements as well as in specific programs on the Master's and Doctorate levels.

Your attention is called to a plan for teachers which features a three-summer program leading to the Master's degree. During the first summer, the qualified graduate student may complete details relating to formal admission, supervisory committee, and definite program planning. The second summer may be devoted to appropriate course work and consultation. The third summer provides for concluding required classes, and/or the writing of the thesis or seminar report.

Specific information pertaining to departmental programs may be obtained by addressing inquiries to heads of the various departments or the Chairman of Graduate Programs, College of Education. General Information may be obtained from the Dean of the School of Graduate Studies.

*Graduate credits.* If you desire graduate credit you must first be admitted to the School of Graduate Studies. Prerequisites for admission are a bachelor's degree or its equivalent from an accredited institution and the permission of the department in which you wish to study. You may
register for any course approved by your adviser and the Dean of Graduate Studies.

If you progress toward an advanced degree, a committee will be appointed to supervise your program and approve the courses you will take. Courses numbered below 100 may be taken only upon recommendation of your graduate committee. Courses taken in the School of Graduate Studies for graduate credit will be so designated on the transcript furnished by the registrar.

1959 Summer School
Schedule of Classes

Note: In this schedule of classes, the departments are listed alphabetically. Within each departmental listing, the information from which you plan your schedule and register is given in the following sequence: Course number; course title; course description (given only if the title itself is not sufficiently descriptive); number of credits; session; instructor; building and room location; day and hour class meets. The session is abbreviated as follows: B means both sessions; E means either session; F means first session only; S means second session only.

See last page of this schedule for Adviser Code Numbers to use in filling out your registration form.

If you desire a more complete course description, consult the Utah State University general catalog.

Building Designations

<table>
<thead>
<tr>
<th>Building</th>
<th>Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>AgS</td>
<td>Agricultural Science</td>
</tr>
<tr>
<td>AH</td>
<td>Animal Husbandry</td>
</tr>
<tr>
<td>E</td>
<td>Engineering</td>
</tr>
<tr>
<td>EB</td>
<td>Edith Bowen Training School</td>
</tr>
<tr>
<td>F</td>
<td>Forestry</td>
</tr>
<tr>
<td>FH</td>
<td>Field House</td>
</tr>
<tr>
<td>FL</td>
<td>Family Life</td>
</tr>
<tr>
<td>G</td>
<td>Gymnasium</td>
</tr>
<tr>
<td>ISA</td>
<td>Information Services and Alumni</td>
</tr>
</tbody>
</table>

USU Directory

Admissions Office — 127 Main
Agriculture, College of — 136 AgS
Alumni Office — ISA
Athletics, Director of — Field House
Bookstore — Union Basement
Business & Social Sciences, College of — 313 Main
Cafeteria — Union
Controller — 108 Main
Dean of Students — 133 Main
Education, College of — 179 Main
Employment, Student — Union Basement
Engineering, College of — 203 Engr. Bldg.
Forestry, College of — 103 Forestry Bldg.
Graduate Studies, School of — 182 Main
Family Life, College of — 102 Family Life Bldg.
College Code
1 — Agriculture
2 — Business & Social Sciences
3 — Education
4 — Engineering
5 — Family Life
6 — Forest, Range, & Wildlife Mgmt.
7 — University College

Agricultural Economics (Ag Ec)
150. Special Readings. B, Staff, Credit, place and time arranged.
214. Thesis. B, Staff, Credit, place and time arranged.
250. Special Problems. B, Staff, Credit, place and time arranged.

Agricultural Education (Ag Ed)
124. Methods of Teaching Farm Mechanics. 3 F, S. S. Richardson, AgS 216, Daily 7:30-9:40 (three weeks).

Animal Husbandry (An Hus)
230. Animal Breeding Research. B, Staff, Credit, place and time arranged.
240. Animal Nutrition Research. B, Staff, Credit, place and time arranged.
250. Animal Production Research. B, Staff, Credit, place and time arranged.

Bacteriology and Public Health

Bacteriology
1. Principles of Biology. 5 F, L. W. Jones, P105, Daily 1:20-3:30 p.m.
2. Principles of Biology. 5 S, L. W. Jones, P302, Daily 1:20-3:30 p.m.
10. Elementary Bacteriology. 5 S, K. R. Stevens, P302, Daily 7:30-9:40 a.m.
294. Special Problems in Bacteriology. B, Staff, Credit, place and time arranged.
299. Thesis Research. B, Staff, Credit, place and time arranged.

Public Health
254. Special Problems in Public Health. B, Staff, Credit, place and time arranged.

Business Administration and Secretarial Science (BA-SS)

Management
100. Accounting for Non-Commercial Students. 4 F, W. Tezak, M308, Daily 8:40 a.m.
100a. Laboratory. (for 100). F, W. Tezak, Place and time arranged.

**Secretarial Science**

45. Speed Building Type. 2 F, W. Tezak, M309, Daily 7:30 a.m.
65. Filing. 3 F, I. Doty, M305, Daily 7:30 a.m.
92. Business Machines. 2 F, I. Doty, M309, Daily 7:30 a.m.
175. Office Management. 3 S, W. Tezak, M305, Daily 9:50 a.m.
189. Problems in Business Education. 3F, I. Doty, M305, Daily 9:50 a.m.

**Chemistry (Chem)**

10. General Chemistry Lecture. 5 F, Staff, W205, Daily 7:30 a.m.
10b. General Chemistry Laboratory. F, W208, TTh 8:40-12.
11. General Chemistry Lecture. 5 S, Staff, W205, Daily 7:30 a.m.
11b. General Chemistry Laboratory. S, W208, TTh 8:40-12.
121. Organic Chemistry. 5 F, J. T. Spence, W103, Daily 7:30 a.m.
122. Organic Chemistry. 5 S, J. T. Spence, W103, Daily 7:30 a.m.
298. Research. B, Staff, Credit, place and time arranged.

**Civil and Irrigation Engineering**

Civil Engineering (CE)

230. Special Problems in Civil Engineering. B, Staff, Credit, place and time arranged.
298. Graduate Thesis. B. Staff, Credit, place and time arranged.

**Clothing and Textiles (CT)**

125. Draping. 5 F, Staff, FL214, MTWTh 1:20-5:20.
141. Advanced Weaving Problems. 3 F, Staff, FL206, Daily 7:30-10:50 a.m.
165. Tailoring. 3 F, Staff, FL214, Daily 7:30-10:50 a.m.
169. Newer Developments in Textiles. 3 F, Staff, FL208, Daily 9:50 a.m.
190. Special Problems. F, Staff, Credit, and time arranged, FL204.

**Dairy Industry (DI)**

7. Dairy Practice. E, Staff, Credit, place and time arranged.
220. Research in Dairy Industry. E, Staff, Credit, place and time arranged.
254. Special Problems in Dairy Industry. E, Staff, Credit, place and time arranged.

**Economics (Econ)**

51. General Economics. 5 B, Murray, Durtschi, M355, Daily 7:30 a.m.
127. Social Security. 3 S, E. B. Murray, M355, Daily 8:40 a.m.
155. Principles of Taxation. 3 F, V. L. Israelsen, M354, Daily 7:30 a.m.
165. Money and Banking. 3 F, V. L. Israelsen, M353, Daily 9:50 a.m.
174. Business and Government. 3 F, R. Durtschi, M355, Daily 8:40 a.m.
200. Research in Economics. E, Staff, M316, Credit and time arranged.
201. Readings and Conference. E, Staff, M316, Time and credit arranged.

**Education (Educ)**

102. Teaching Language Arts. 3F, E. Shaw, E. B. 12, Daily 8:40 a.m.
103. Principles of Elementary Education. 4S, Jackson, E. B. 12, Daily 7:30 a.m.
104. Elementary School Curriculum. 5F, J. Pugmire, E. B. 2, Daily 1:20-3:30 p.m.
110. Diagnosis Remedial Teaching. 3S, D. R. Stone, M56, Daily 9:50 a.m.
111. Principles of Secondary Education. 3S, E. Drake, M56, Daily 8:40 a.m.
112. Principles of Guidance. 3S, T. E. Hatch, M52, Daily 9:50 a.m.
113. Organization and Administration. 3F, B. C. Hansen, M80, Daily 9:50 a.m.
114. Organization and Administration. 3S, B. C. Hansen, M178, Daily 11 a.m.
115. Secondary School Curriculum. 3F, Staff, MA218, Daily 9:50 a.m.
116. Social Studies in the Secondary Schools. 3S, P. Budge, M52, Daily 7:30 a.m.
117. Extracurricular Activities. 2S, E. Drake, M355, Daily 9:50 a.m.
118. Teaching of English. 4S, P. Budge, M178, Daily 7:30 a.m.
119. Improving Instruction in Elementary School. 3F, G. Clark, E. B. 6, Daily 11 a.m.
120. Improving Teaching in Secondary School. 3F, P. Budge, M56, Daily 8:40 a.m.
121. Modern Practice in the Teaching of Reading. 3F, Staff, E.B. 2, Daily 7:30 a.m.
122. Modern Practice in the Teaching of Reading. 3S, G. Clark, E.B. 2, Daily 9:50 a.m.
123. Methods and Materials of Teaching High School Science. 3F, R. D. MacCurdy, M52, Daily 9:50 a.m.
124. Utilizing Community Resources in Science Education. 3F, R. D. MacCurdy, M204, Daily 1:20 p.m.
125. Arithmetic in the Elementary School. 3F, T. A. Taylor, E.B. 24, Daily 7:30 a.m.
126. Audio-visual Aids in Education. 3F, E. Drake, E.B. 6, Daily 8:40 a.m.
127. Audio-visual Aids in Education. 3S, T. A. Taylor, E.B. 6, Daily 8:40 a.m.
128. Audio-visual Aids. 3F, E. Drake, E.B. 6, Daily 1:20 p.m.
129. Improvement of Reading in High School and College. 3F, P. Budge, M52, Daily 8:40 a.m.
130. History of Education. 3F, P. Lewis, M80, Daily 8:40 a.m.
131. Group Dynamics Action Research. 3S, W. A. DeHart, M52, Daily 11 a.m.
132. Philosophy of Education. 3F, P. Lewis, M80, Daily 12:10.
133. Comparative Education. 3S, B. C. Hansen, M80, Daily 9:50 a.m.
134. Elementary School Curriculum. 3F, E. Shaw, E. B. 12, Daily 1:20-3:30 p.m. (July 2-17).
135. Reading and Conference. E. Staff, Credit, time and place arranged.
136. Problems in Elementary School Administration. 1-2F, H. McNally, E.B. 12, Daily 8-11 a.m. and 1-3 p.m. (June 8-12 at Utah State and June 16-19 at Cedar City).
137. Elementary School Administration. 3S, J. Curtin, E. B. 8, Daily 11 a.m.
138. School Supervision. 3S, J. Curtin, E. B. 8, Daily 8:40 a.m.
139. Educational Measures. 3S, D. R. Stone, M56, Daily 11 a.m.
140. Organization and Administration of Guidance. 3S, E. H. Himes, M56, Daily 7:30 a.m.
141. Junior High School. 3S, Staff, M52, Daily 7:30 a.m.
142. Public Relations in Education. 3F, H. C. Vest, M356, Daily 9:50 a.m.
143. School Administration. 3F, B. C. Hansen, M178, Daily 1:20 p.m.
144. Legal Aspects of School Administration. 3F, T. E. Hatch, M52, Daily 7:30 a.m.
146. Education of Gifted Child. 3S, R. D. MacCurdy, E.B. 2, Daily 8:40 a.m.
148. Course of Study Building in Mathematics. 3-5, June 8-26, J. Kinsella, MA220, Daily 8:40-3:30.
149. Secondary School Administration. 3S, T. E. Hatch, M287, Daily 11 a.m.
150. Problems in Elementary Education. 3S, A. Jackson, E.B. 12, Daily 11 a.m.
246. Problems in School Administration. 3F, R. Campbell, M178, Daily 1:20-3:30 p.m. June 8-19.

250. Seminar in Science Education. 3S, J. Read, E. B. 2, Daily 11 a.m.


267. Introduction to Research. 3F, W. R. Borg, M56, Daily 9:50 a.m.

271. Research and Thesis Writing. B, Staff, Credit, time and place arranged.

281. Grammar. 3 F, J. L. Mortensen, L305, Daily 7:30 a.m.

286. Technical Writing. 3 F, J. L. Mortensen, L305, Daily 7:30 a.m.

292. Children's Literature. 3 F, J. L. Mortensen, L305, Daily 9:50 a.m.

299. Comparative Literature. 3 S, K. Hendricks, L307, Daily 8:40 a.m.

303. Rocky Mountain Literature. 3 F, I. N. Hayward, L301, Daily 7:30 a.m.

314. Major American Authors. Walt Whitman, 2 F, R. B. West, L309, MTWTh 7:30 a.m.


319. Realism and Modernism in American Literature. 3 F, R. B. West, L303, Daily 9:50 a.m.

325. Major English Authors-Shelley. 2 F, M. Q. Rice, L305, MTWTh 8:40 a.m.

326. Milton. 3 S, M. Q. Rice, L301, Daily 9:50 a.m.

338. Victorian Period. 5 B, J. W. Patrick, L303, Daily 1:20 p.m. (May be taken either session for 2½ credits).

339. Readings and Conference. B, Staff, Credit, time and place arranged.

200. Special Studies in Electrical Engineering. B, Staff, Credit, time and place arranged.

235. Radio Propogation. 3 F, Staff, time, credit and place arranged.

298. Graduate Thesis. B, Staff, Credit, time and place arranged.

33. Readings in Short Story. 3 F, M. Q. Rice, L301, Daily 1:20 p.m.

36. Great Books & Ideas. 3 S, M. Q. Rice, L301, Daily 7:30 a.m.

61. English Literature—Late Period. 5 B, J. W. Patrick, L303, Daily 8:40 a.m. (may be taken either session for 2½ credits)


319. Realism and Modernism in American Literature. 3 F, R. B. West, L303, Daily 9:50 a.m.

325. Major English Authors-Shelley. 2 F, M. Q. Rice, L305, MTWTh 8:40 a.m.

326. Milton. 3 S, M. Q. Rice, L301, Daily 9:50 a.m.

200. Special Studies in Electrical Engineering. B, Staff, Credit, time and place arranged.

235. Radio Propogation. 3 F, Staff, time, credit and place arranged.

298. Graduate Thesis. B, Staff, Credit, time and place arranged.

33. Readings in Short Story. 3 F, M. Q. Rice, L301, Daily 1:20 p.m.

36. Great Books & Ideas. 3 S, M. Q. Rice, L301, Daily 7:30 a.m.

61. English Literature—Late Period. 5 B, J. W. Patrick, L303, Daily 8:40 a.m. (may be taken either session for 2½ credits)

Family Living and Child Development (FL & CD)

68. Preschool Laboratory. 2 F, R. Eames, FL202, T, Th 8:40 a.m., 2 hours arranged.

100. Human Growth & Development. 3 S, G. Hawkes, FL202, Daily 7:30 a.m.

125. Parent Education. 3 F, D. S. Treat, FL202, Daily 8:40 a.m.

158. Sex Education. 2 F, D. S. Treat, FL202, MWF 9:50 a.m.

180. Marriage Counseling. 3 S, C. J. Skidmore, M357, Daily 7:30 a.m.
Fine Arts

Music (FA-M)

60-160. Individual Piano Instruction. F, I. Wassermann, Credit, time and place arranged.
70-170. Individual Woodwind Instruction. F, M. F. Dalby, Credit, time and place arranged.
72-172. Individual Brass Instruction. F, M. F. Dalby, Credit, time and place arranged.
64-164. Individual Vocal Instruction. F, A. J. Galos, Credit, time and place arranged.
133. Summer School Chorus. 1 F, A. L. Dittmer, Place arranged, Daily 10 a.m.
FA-M 141-254 will be offered June 22-July 3, 1959 as part of the Music Clinic.
141. Instrumental Conducting. 1 F, Staff, Time and place arranged.
205. Special Problems in Music. 1-3 F, M. F. Dalby, Time and place arranged.
221a. Woodwind Clinic. 1 F, Staff, Time and place arranged.
221b. Brass Clinic. 1 F, Staff, Time and place arranged.
221d. Percussion Clinic. 1 F, Staff, Time and place arranged.
251. Advanced Choral Methods. 1 F, Staff, Time and place arranged.
252. Advanced Orch. Methods. 1 F, Staff, Time and place arranged.
253. Advanced Band Methods. 1 F, Staff, Time and place arranged.

254. Band Pageantry. 1 F, Staff, Time and place arranged.


280. Seminar in Music Literature. 3 F, A. L. Dittmer, Place arranged, Daily 7:30 a.m.

Theatre Arts (FA-D)

20. Voice for Theatre. 3 S, T. Tippetts, M52, Daily 1:20 p.m.
44. Fundamentals of Acting. 3 F, Staff, M203, Daily 3:40 p.m.
52. Makeup. 1 F, F. Morgan, M Stage, Time arranged.
54. Children’s Theatre. 3 F, J. Byers, Place arranged, Daily 2:30 p.m.
154. Stage Lighting. 2 F, F. T. Morgan, M52, Time arranged.
166. Drama Production. 3 F, Staff, M52, Daily 1:20 p.m.
190. Problems in Drama. E, Staff, Credit, time and place arranged.
204. Thesis. E, Staff, Credit, time and place arranged.

Young American Theatre

1. Beginning Repertory in Theatre Dance. 1 S, Staff, Smart Gym, Daily 11 a.m.
50. Theatre Dance Rehearsal. 1 S, Staff, Smart Gym, Daily 2:30 p.m.
55. Dance for Theatre. 1 S, Staff, Smart Gym, Time arranged.
101. Advanced Theatre Repertory. 1 S, Staff, Smart Gymn, Daily 9:50 a.m.

Visual Art (FA-A)

8. Basic Drawing. 3 S, E. Thorpe, M334, Daily 7:30-9:40 a.m.
10. Analyzing Contemporary Painting. 3 F, T. Tippetts, M52a, Daily 1:20 p.m.
14. Introduction to Painting. 3 F, J. Larson, M336, Daily 7:30-9:40 a.m.
19. Metalsmithing. 3 E, D. B. Wright, AB2, Daily 1:20-3:40 p.m.
27. Art Photography. 2 F, G. Lindstrom, Staff, (June 15-26)
27. Art Photography. 2 S, G. Lindstrom, Staff, (July 20-31).
31. Ceramics. 3 E, H. T. Groutage and D. B. Cressey, AB1, Daily 1:20-3:40 p.m.
111. Water Color. 2 F, G. Lindstrom, Staff, (June 15-26).
111. Water Color. 2 S, G. Lindstrom, Staff, (July 20-31).
116. Ceramics. 3 E, H. T. Groutage and D. B. Cressey, AB1, Daily 1:20-3:40 p.m.
119. Advanced Metalsmithing. 3 E, D. B. Wright, AB2, Daily 1:20-3:40 p.m.
152. Art Methods for High School. 3 F, H. R. Reynolds, Staff, Place arranged. (June 15-July 3 at Sandy, Utah.)
153. Art Education Workshop. 3-5 F, H. R. Reynolds, Staff, Place arranged. (June 15-July 3 at USU and Sandy, Utah.)
154. Art Education Workshop. 3-5 F, H. R. Reynolds, Staff, (June 15-July 3 at USU and Sandy, Utah.)
171. Special Problems. F, Staff, Credit, time and place arranged.

**Food and Nutrition (F&N)**

190. Special Problems. F, E. B. Wilcox, Credit, time and place arranged.
290. Special Problems. F, E. B. Wilcox, Credit, time and place arranged.

**Forest Management (For)**

145. Forest Problems. 1-3 E, Staff, Time and place arranged.
210. Forest Problems. 2-10 E, Staff, Time and place arranged.

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**Forestry Summer Camp**

96. Forest Surveying. 3 June 8-July 24, Daniel, Moore, Summer Camp, Daily 8-5.
97. Forest Practice. 4 June 8-July 24, Daniel, Tocher, Moore, Turner, Summer Camp, Daily 8-5.
98. Range Practice. 1 June 8-July 24, Goodwin, Cook, Summer Camp Daily 8-5.
99. Wildlife Practice. 1 June 8-July 24, Kelker, Summer Camp Daily 8-5.

**Geology (Geol)**

1. Introductory Physical Geology. 5 F, C. T. Hardy, M287, Daily 9:50-12.
118. Geologic Field Course. 8 S, C. T. Hardy, Place arranged, Daily 8-5.

**Health, Physical Education and Recreation (HPER)**

Coaching School
120a. Football. 1 June 8-13, D. Devine, UB.
120b. Basketball. 1 June 8-13, F. Anderson, UB.
120c. Track. 1 June 8-13, Staff, UB.
120d. Athletic Training. 1 June 8-13, N. K. Burnett, UB.

**Professional Courses**

74. Life Saving. 2 F, J. Pearce, Pool, Daily 2:30 p.m.
103. Composition in Modern Dance. 1 S, Staff, WG, Daily 11 a.m.
105. Beginning Dance Notation. 1 S, Staff, WG, Daily 7:30 a.m.
132. Water Safety Instructors Course. 2 S, H. D. Rasmussen, Pool, Daily 1:20 p.m.
135. Safety Education. 2 S, L. H. McClellan, G27, Daily 1:20 p.m.
141. Advanced Modern Dance Techniques. 1 S, Staff, FH, Daily 8:40 a.m.
144. PE Curriculum for Elementary School. 3 F, A. Aldrich, G30, Daily 9:50 a.m.
151. Beginning Ballet. 1 S, Staff, WG, Time arranged.
Activity Courses

30. Fundamentals of Sports. 1 F, L. Downs, MG, Daily 2:30 p.m.
30. Fundamentals of Sports. 1 S, H. D. Rasmussen, MG, Daily 8:40 a.m.
48. Modern Dance. 1 S, Staff, WG, Daily 9:50 a.m.
49. Intermediate Techniques Modern Dance. 1 S, Staff, WG, Daily 8:40 a.m.
52. Swimming (elementary). 1 F, J. Pearce, Pool, Daily 1:20 p.m.
52. Swimming (elementary). 1 S, Staff, Pool, Daily 8:40 a.m.
61. Archery. 1 F, J. Pearce, Range, Daily 9:50 a.m.
66. Badminton. 1 F, L. Downs, MG, Daily 7:30 a.m.
66. Badminton. 1 S, Staff, MG, Daily 9:50 a.m.
67. Tennis. 1 F, D. O. Nelson, Courts, Daily 8:40 a.m.
67. Tennis. 1 S, L. H. McClellan, Courts, Daily 7:30 a.m.
68. Folk Dancing. 1 S, P. Fuller, MG, Daily 2:30 p.m.
68. Tap Dancing. 1 S, P. Fuller, WG, Daily 12:10 noon.
73. Golf. 1 F, L. Downs, Course, Daily 8:40 a.m.
73. Golf. 1 S, H. D. Rasmussen, Course, Daily 9:50 a.m.

Homemaking Education (HE)

199. Special Problems in Home Economics Education. 1-2 B, V. H. Harder, FL207, Time arranged.
217. Current Developments in Home Econ. Ed. 3F, V. Harder, FL207, Daily 1:20 p.m.

History and Political Science (H&PS)

History

21. The Americas to 1763. 3 F, E. L. Peterson, AgS 137, Daily 7:30 a.m.
22. The Americas Since 1763. 3 S, E. L. Peterson, AgS 137, Daily 7:30 a.m.
137. History of Utah. 3 F, S. G. Ellsworth, M281, Daily 9:50 a.m.
229. Seminar. 3 F, S. G. Ellsworth, M281, Daily 7:30 a.m.

Political Science

126. Soviet Government & Policies. 3 F, M. J. Harmon, M353, Daily 7:30 a.m.
170. Lecture Series. 1F, MAUD, 11:00 a.m. unless otherwise specified.

Industrial and Technical Education (I & TE)

13. Driver Training. 2 E, O. Slaugh, T7, Daily 2:30 p.m.
110. Shop Organization & Management. 3 S, C. W. Hailés, MA220, Daily 7:30 a.m.
111. The General Shop. 3 S, W. E. Mortimer, MA219, Daily 9:50 a.m.
124. History of Industrial Education. 3 F, K. A. Seefeld, MA219, Daily 7:30 a.m.
141. Art Metalwork. 3 F, W. E. Mortimer, MA222, Daily 2:30-4:40 p.m.
166. Special Problems in Industrial Education. E, W. E. Mortimer, MA104, Credit and Time arranged.
180. Industrial Arts for Elementary Schools. 3 S, C. W. Hailes, MA222, Daily 2:30-4:40.
182. General Shop Laboratory. 3 S, C. W. Hailes, MA222, Daily 9:50 a.m.
207. Philosophy of Vocational Education & Practical Arts. 3 S, W. E. Mortimer, MA219, Daily 8:40 a.m.
254. Measurement in Industrial Arts. 3 F, K. A. Seefeld, MA219, Daily 9:50 a.m.
255. Technique in Writing Instruction Sheets. 3 S, W. E. Mortimer, MA219, Daily 1:20 p.m.

Welding
97. Fundamentals of Welding. 3 F, E. L. France, MA121, Daily 2:30-4:40 p.m.

Landscape Architecture and Environmental Planning
135. Travel Course. F, Staff, Credit, time and place arranged.

Languages

German
106. Selected Readings in German. 2 F, J. M. Beyers, M360b, Time arranged.

Philosophy
160. Philosophy of Science. 3 F, J. M. Beyers, M359, Daily 9:50 a.m.

Library Science
50. Reference Materials. 3 F, Staff, TJ6, Daily 7:30 a.m.
100. Advanced Reference & Bibliography. 3 F, Staff, TJ6, Daily 9:50 a.m.
113. Book Repair and Binding. 2 F, Staff, Time and place arranged.
120. Cataloging and Classification. 3 F, Staff, TJ6, Daily 8:40 a.m.
150. Library Administration. 3 F, Staff, TJ6, Daily 1:20 p.m.
155. Book Selection. 3 F, Staff, TJ6, Daily 2:30 p.m.
160. Art of the Book. 3 F, Staff, TJ6, Daily 3:40 p.m.
170. Readings and Conference. B, Staff, Credit, time and place arranged.

Mathematics
20. Elementary Math Concepts. 5 B, J. Gerriets, M353, Daily 1:20 p.m.
34. Introduction to College Algebra. 3 F, L. Cannon, M204, Daily 8:40 a.m.
44. Plane Trigonometry. 3 S, L. Cannon, M281, Daily 8:40 a.m.
97. Analytical Geometry and Calculus. 5 B, L. Cannon, M204, Daily 9:50 a.m.
122. Differential Equations. 3 F, L. Cannon, M204, Daily 7:30 a.m.

Physics
107. History and Literature of Physical Science. 3 F, Staff, W108, Daily 7:30 a.m.
115. Demonstration Techniques in Physics. 3 S, Staff, W108, Daily 7:30 a.m.
120. Modern Physics. 3 F, A. Y. Eliason, W108, Daily 8:40 a.m.
188. Special Problems in Experimental Physics. 1-3 E, Staff, W106, Time arranged.
### Poultry (Poul)

1. **General Poultry.** 3 F, C. I. Draper, AH203, Daily 1:20 p.m.

107. **Poultry Feeds and Feeding.** 3 S, C. I. Draper, AH203, Daily 1:20 p.m.

125. **Special Problems.** E. Staff, Credit, time and place arranged.

210. **Poultry Research.** E. Staff, Credit, time and place arranged.

### Psychology (Psy)

100. **Human Growth & Development.** 3 F, J. A. Silvester, M281, Daily 1:20 p.m.

102. **Educational Psychology for Secondary Teachers.** 3 F, D. R. Stone, M281, Daily 8:40 a.m.

108. **Educational Psychology for Elementary School Teachers.** 3 F, D. R. Stone, M178, Daily 8:40 a.m.

112. **Application of Statistics to Education and Psychology.** 3 F, J. A. Silvester, M80, Daily 2:30 p.m.

112. **Application of Statistics to Education and Psychology.** 3 S, D. R. Stone, M178, Daily 8:40 a.m.

123. **Psychology of Exceptional Children.** 3 F, M. C. Reynolds, M280, Daily 12:10 noon.

145. **Mental Hygiene.** 3 S, P. Publicover, M178, Daily 12:10 p.m.

183. **Theory and Techniques of Counseling.** 3 F, H. C. Sharp, M281, Daily 2:30 p.m.

200. **Principles of Learning.** 3 F, A. Frandsen, M280, Daily 2:30 p.m.


205. **Child Psychology and Development.** 3 S, Staff, M280, Daily 9:50 a.m.

213. **Organization and Administration of Guidance.** (See Department of Education listing).

214. **Independent Readings in Psychology.** E, Staff, M175, Credit, and time arranged.

217. **Research for Master’s Thesis in Psychology.** E, Staff, M175, Credit and time arranged.

224. **Characteristics of the Mentally Retarded.** 3 S, P. Publicover, M280, Daily 2:30 p.m.

225. **Characteristics and Education of the Gifted Child.** 3 F, M. C. Reynolds, M280, Daily 9:50 a.m.

### Range Management (Range)


### Sociology

100. **Educational Sociology.** 3 F, Staff, M357, Daily 7:30 a.m.

105. **Anthropology & Education.** 3 F, (June 15 - July 1) J. A. Hoebel, M355, Daily 1:20-3:30 p.m.

135. **Cultural Far East World Problems.** 3 F, Staff, M357, Daily 1:20 p.m.

160. **The Family in Various Cultures.** 3 S, R. Cavan, M357, Daily 8:40 a.m.


170. **Juvenile Delinquency.** 3 S, R. Cavan, M357, Daily 1:20 p.m.

### Social Work

177. **Social Treatment of Children’s Problems.** 3 F, E. H. Lewis, M356, Daily 1:20 p.m.

### Social Science

5. **General Geography—Europe.** 3 S, E. L. Peterson, AgS 137, Daily 8:40 a.m.

7. **General Geography — The Americas.** 3F, E. L. Peterson, AgS 137, Daily 8:40 a.m.
Speech (Spch)

21. Intermediate Public Speaking. 3 F, Staff, M203, Daily 1:20 p.m.

24. Oral Interpretation. 3 F, C. J. Myers, M203, Daily 8:40 a.m.

107. Speech Hygiene. 3 S, P. W. Newman, M204, Daily 1:20 p.m.

118. Story-Telling. 3 F, C. J. Myers, M203, Daily 8:40 a.m.


178. Story-Telling. 3 F, C. J. Myers, M203, Daily 9:50 a.m.

203. Clinical Practice. E, Staff, Credit, and time arranged.

204. Thesis. E, Staff, Credit, and time arranged.

290. Research Studies. E, Staff, Credit and place arranged.

Wildlife Management (WLM)

170. Wildlife Problems. 1-3 F, Staff, Time and place arranged.

270. Research and Thesis. 9-15 F, Staff, Time and place arranged.

Zoology

201. Special Problems. E or B, Staff, Credit, time and place arranged.

240. Research and Thesis. E or B, Staff, Credit, time and place arranged.

Entomology

210. Special Problems. E or B, Staff, Credit, time and place arranged.

250. Research and Thesis. E or B, Staff, Credit, time and place arranged.

Physiology

4. Human Physiology. 5 S, G. H. Linford, P105, Daily 7:30-9:40 a.m.

200. Special Problems. E or B, Staff, Credit, time and place arranged.

260. Research and Thesis. E or B, Staff, Credit, time and place arranged.

Faculty – Adviser Code, Alphabetic

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Special Events

Lecture Series

One of the major features of the Utah State University Summer School is the Eleven o'clock Lecture Series. Eminent authorities and lecturers are scheduled to discuss the current problems in our educational, social, economic, political, and religious life. Credit is optional. No charge is made, and the general public is invited to attend.

Coaching School

June 8-13

Dale L. Gardner, Chairman
H. B. Hunsaker, Director

Registration for the Thirty-third Annual Coaching School carries one credit for each of two courses selected from the four courses offered during the week. There will be free golf privileges at the Logan Country Club for those enrolled in the Coaching School. Special activities include a canyon party and a coaches banquet. In addition, coaches will find many other recreational activities in which to participate, including fishing in Utah's famed Logan Canyon.

If possible, reservations for enrollment in the Coaching School should be submitted before the opening date of June 8.

Aviation Education Workshop

June 8-20

Dr. William E. Mortimer, Chairman
Professor Charles W. Hailes, Director

The course is designed to provide elementary and secondary school teachers with a better understanding of the problems of aviation in the air age. The subject matter will include elementary phases of air craft and rocket development. Three hours of credit may be obtained.

Department of Education Workshops

Workshop in Teacher Recruitment

June 22-July 3

Dr. Gene S. Jacobsen, Chairman
Mr. Blair Hurd, Director

This workshop deals with ways and means of discovering potentially strong teacher education candidates and enrolling them in teacher education. Enroll for Education 232 (3). Two periods daily.

Workshop in Elementary School Administration

June 8-12

June 15-19 at Cedar City, Utah

Dr. Gene S. Jacobsen, Chairman
Dr. Harold J. McNally, Director

This workshop is planned in cooperation with the Utah Elementary School Principals' Association. It will occupy the full time of the participants for one week, June 8-12 on the Logan campus or June 15-19 at Cedar City. Each will deal with curriculum problems in elementary school administration and supervision. Enroll for Education 206 (1½) at either center.
Workshop in Science Education  
July 20-August 21  
Prof. Robert MacCurdy, Chairman  
Dr. John A. Read, Director  
The workshop will deal with ways and means of integrating the science education program in the public schools, elementary and secondary. Consideration will be given to curriculum and methods. Enroll for Education 253 (3). Two periods Daily.

Institute in Public School Administration  
June 15-19  
Dr. Ellvert H. Himes, Chairman  
A week of intensive concentration upon matters of current concern to members of boards of education, school districts, superintendents, secondary and elementary principals.  
Daily programs and meetings especially designed to supplement and complement class offerings in the areas of administrative organization, finance, building construction, curriculum, and community relationships.  
An unusual opportunity to obtain first hand information from state and nationally prominent educational leaders. University credit may be obtained. For additional information, please write the chairman of the Institute.

Demonstration School  
June 15-July 17  
Dr. Gene S. Jacobsen, Director  
A demonstration school will be conducted in the Edith Bowen laboratory. Three classroom groups will be included: (1) a kindergarten group; (2) a group of first, second, and third grade children; and (3) a group of fourth, fifth and sixth grade children. Students in curriculum and methods classes in the Summer School will have opportunity to observe in the demonstration school.  
Parents desiring to have children enrolled in the school should send applications to Dr. Gene S. Jacobsen, Principal. Tuition fee is $5.

Education for Gifted Children  
Both Sessions  
Dr. Robert MacCurdy, Chairman  
Dr. Maynard C. Reynolds, Director  
The course will deal with curriculum practices that have been found to be successful with pupils in the elementary and secondary schools. Enroll for Education 225 (3).  

Identification and Educational Planning for Exceptional Children  
July 16 and 17  
Dr. Heber C. Sharp, Chairman  
Professor Phyllis Publicover and Dr. Maynard C. Reynolds, Consultants  
This workshop is designed to include a multiple approach to identify gifted, mentally retarded, education retarded and speech handicapped children. Special consideration will be given to the "special class" for the gifted and mentally retarded, the role of the regular class teacher for these groups, and discussions concerning the role of the remedial teacher and of the speech therapist in helping the exceptional child. Special emphasis will be placed on the cooperative roles of specialists and teachers in working with the various groups of exceptional children.
Workshop in Music Education
June 15-July 3
Dr. A. L. Dittmer, Chairman
Vernon J. Lee Master, Director

The workshop is designed particularly for music supervisors and teachers who wish to explore ways and means for improving public school music in the elementary schools. Enroll for FA-M 150 or 250 (3). Two periods daily.

Music Festival & Clinic
June 22-July 3
Max F. Dalby, Chairman

The Utah State Summer Music Festival and Clinic serves two functions: They offer high school students an opportunity to broaden their musical understanding and experience under the instruction of expert teachers of local and national reputation; they offer music teachers, supervisors, and university students the opportunity to observe the instruction of high school students while pursuing advanced work in their respective fields. A maximum of three-hours credit may be earned by teachers registered for the clinic.

Third Annual Piano Workshop
June 22, 23, 24
Prof. Irving Wassermann, Director

Utah State University presents its third annual piano workshop. This course is designed specifically for teachers and advanced students. Course work will emphasize basic harmony, piano instructional methods, memorization, developing tone and technique, building repertoire, and a survey of teaching materials. This workshop will meet from 9-4 for the days listed above. One hour credit. Fee—$13.

Elementary Art Workshops
June 15-July 3—USU & Sandy, Utah
Prof. H. R. Reynolds, Director and Chairman

This workshop is to be conducted at Utah State University and Jordan Senior High School in Sandy.

This course is designed to give teachers a chance to explore the field of art experiences, to work with many types of art media, to explore background material, and to develop a philosophy of art suited to the learning needs of the art program to the other subjects of the elementary curriculum. The workshops will give art instruction on the grade level in which the teachers instruct. Three to five credits may be obtained. Students register for FA-A 153 (for first time students) or FA-A 154 for students repeating the course.

Sketching and Photography Tours
June 15-26—First Tour
July 20-31—Second Tour
Professor Gaell Lindstrom, Chairman and Director

Opportunity is provided this summer for the serious painting and photography student to experience two concentrated courses, — Art 3, Watercolor and Art 27, Photography. Three credits can be obtained in each course. Painting and photography tours of two weeks’ duration will be taken at the beginning of each summer session. The first tour will be made to Southern Utah and Northern Arizona. The second tour will include stops in Park City, Heber City, Green river, Price, Utah and points in Colorado.

Registration Limited—Write Summer School Director for full information.
Third Annual National Rocky Mountain Invitational Art Exhibit
May 24-June 30
Professor Twain Tippetts, Chairman

This exhibit will feature the oils and water color paintings of the nation's leading artists and will be displayed in the spacious Utah State University Union Building. There will be no charge for admission to this exhibit.

Space Age Forum
June 18, 19
Dean Carlton F. Culmsee and
Dean D. F. Peterson, Jr.,
Co-Chairmen

Problems and possibilities of the Space Age will be presented by experts in the first Space Age Forum on June 18, 19. Social, economic, political and military impacts of the new era will be discussed. The Utah State University College of Engineering and the University College will cooperate in organizing and conducting the sessions.

Metalsmithing Workshop
Both Sessions
Professor Donald B. Wright, Director

This course is flexible, designed in order that students may work on flatware, holloware or jewelry on the level of their previous experience. Beginning students register for metalsmithing 19. Advanced students may register for 119 with the consent of Professor Wright. Instruction is highly individualized to serve student differences and needs. The course meets daily from 1:20-3:40 p.m. and continues through both sessions.

Young American Theatre
July 20-August 21
Professor Twain Tippets, Chairman

Utah State University opens wide the door for talented young actors and dancers again this summer. No longer is there any need for promising teenagers to go to the east or west coast for summer stock experience. Gertrude Shurt, Rachel Yocom, and their company of eight professional dancers will bring their New York City Dance Studio to Utah State University campus for five weeks beginning July 20-August 21. Many talented teenagers from New York City's famous School for the Performing Arts will take a scenic tour across the United States and study dancing at the Utah State University this summer. This new Summer School of Dance invites promising young dancers in this intermountain region to study with the finest teachers. Beginning, intermediate, and advanced courses in dancing will be offered.

Talented young actors can gain summer stock experience at Utah State University this summer. A musical comedy and a drama will be produced along with other plays selected to serve the needs of the creative actors who enroll. There are excellent accommodations and adequate supervision. Student actors who have done well in high school drama productions should be encouraged to get professional training at Utah State University during this coming summer. They will receive practical stage experience in acting and staging plays. Drama coaches may register for credit. Talented young actors and dancers should write immediately for application and audition appointments. The Theatre can be taken on a non-credit basis with a charge of $25.
Institute for Teachers and Writers on Utah History and the Rocky Mountain West
June 15-July 17

Dr. S. George Ellsworth and Prof. Ira N. Hayward, Co-Chairmen

A program of coordinate courses and conferences in the fields of Utah and Rocky Mountain history, literature and related subjects. Participants in the Institute may choose to emphasize one of several aspects of the program. The Institute is designed specifically to meet the needs of (a) teachers of Utah history in Utah's public schools, and (b) writers of history, essays, fiction, and poetry using the background of Utah and the Rocky Mountain area.

Credit courses available to participants are as follows: History 137, The History of Utah (3); History 229, Seminar and Workshop in Utah History (3); English 153, Rocky Mountain Literature (3); Rocky Mountain Writers' Conference, June 22-26 (participants submitting manuscripts for credit will register for English 199, credit to be arranged); Education 118, Social Studies in the Secondary Schools (3); Social Science 8, Geography of Western United States (3).

Family Living Workshops For Leaders and Youth August 11, 12, 13

Dr. C. Jay Skidmore, Chairman
Dr. Harold T. Christensen, Director

Needs of religious leaders and other community personnel and youth will be given careful consideration by helping them, (1) to recognize and understand family problems and marital conflict, (2) to develop skills in counseling, (3) to use specialists through referral, (4) understand youth problems in preparing for marriage, (5) to assist youth to understand marriage problems.

Marriage Counseling Workshop For Professional Persons August 5, 6, 7

Dr. C. Jay Skidmore, Chairman
Norman S. Anderson, M.D., Director

Problems of supervisors and marriage counselors will be shared and analyzed in group discussion. Concepts of diagnosis, personality theory, public relations, healing process, and evaluation are areas for study by the marriage counselors from private and public agencies participating in the workshop.

Stutterer's Remedial Clinic June 22-August 22

Dr. Parley Newman, Chairman

The Department of Speech will present an unusual opportunity of self-improvement for those who stutter. An intensive program designed to improve speech and build feelings of self confidence will be undertaken. Those who participate will work six hours a day, five days a week, for nine weeks. Participants will register as special students and pay a fee of $54. Individuals wishing to participate in this remedial program should write to Dr. Parley W. Newman, Speech Department, Utah State University. Inasmuch as a preliminary interview with Dr. Newman will be necessary, it is requested that inquiries be made as soon as possible.

National Science Foundation Institute June 15-August 21

Dr. Neville C. Hunsaker, Chairman

Utah State University in cooperation with the National Science Foundation will offer in 1959 a 10-week Summer Institute for Junior High Teachers of Science and Mathematics
with the Department of Mathematics, Physics, and Zoology participating. Participants will receive generous stipends and will not be required to pay tuition fees.

Write for necessary application blanks and further information.

**Landscape Architecture Planning Trip**

**June 8-July 17**

*Dr. Laval S. Morris, Director*

A major trip to San Francisco with stopovers to study land planning and design; town plans, parks, parkways, cemeteries, airports, homes, civic centers, and others. All majors in Landscape Architecture and Environmental Planning are required to register for course, LA 135 (3). The trip starts June 8, and is concluded July 17. The first half of the course will be devoted to travel and the remaining part to organization of information.

**Forestry Summer Camp**

**June 8-July 24**

*Prof. Raymond R. Moore, Director*

The College of Forest, Range and Wildlife Management will conduct an eight-weeks' instruction program at the *Tony Grove Summer Camp*. This program is required between the sophomore and junior years and is a prerequisite to the technical courses of the junior and senior years.

**Second Annual Tool Engineering Seminar**

**June 8-June 13**

*Prof. Frederick Preator, Chairman*

Utah State University will conduct its second Tool Engineering Seminar. Two courses will be presented which will serve industry and the profession in a way which will bring to both the latest techniques now in practice. Each course will be taught daily for one week. College credit is available if desired. Registration fee for the two courses is $50.

**Counseling Workshop for U.S. Employment Service Counselors**

**June 15-July 17**

*Dr. E. Wayne Wright, Director*

The United States Bureau of Employment Security through the Utah Division has contracted with Utah State University for a five week out-of-service training course for counseling personnel from Utah and surrounding states. Counselors employed by the Department of Employment Security in Utah and other states will live in university dormitories and spend the five week period following a pre-arranged curriculum in counseling.

**Aggie Ranger Hike**

**July 20-August 1**

*Prof. Arthur Mendini, Chairman*

The annual summer school *Leadership-in-Camping Course* (Aggie Rangers) will take place the first two weeks of the second session. Course work will include camp preparation, packing, menu planning, first aid, organization of hikes, campfire programs, camp personnel, equipment, as well as instruction in recreational skills. A primitive area will be selected for a week long laboratory experience in outdoor living. Course is designed to give leadership experience to those interested in outdoor education. Number permitted to enroll is limited. Pre-registration is recommended.
Utah Boys State  
July 4-11  
W. Dale Waters, President  
In 1959 for the first time Utah’s Annual Boys State will be conducted on the USU Campus. Previously this has been held at Camp Williams. Some 350 boys will participate. The main purpose of boys state is to provide a concentrated course in government, which is accomplished by dividing the delegates into city, county and state government groups.

Utah Girls State  
June 7-14  
Mrs. Victor J. Bott, Director  
The purpose of this annual conference, under the direction of the American Legion Auxiliary, is to educate young women in the duties, privileges, rights and responsibilities of American citizenship. Headquarters are in the Student Union Building. Faculty members cooperate in arrangements, give some of the lectures, and assist in recreational activities.

Recreation for All at Utah State

An outstanding feature of Utah State Summer School is its recreation program. The amount and variety of activities offered is unsurpassed by any school. Recreational opportunities abound the University Campus. Beautiful Logan Canyon, extending forty miles eastward from the borders of the University Campus, offers facilities for hiking, picnicking, fishing, boating, and camping. Facilities are also available for golfing, tennis, bowling, riding, and swimming.

Summer School Director’s Welcome and Steak Fry For Visiting Faculty

The Director of the Summer School will welcome and entertain the Summer School faculty with a Steak Fry and program at Upper Guinevah Park, Wednesday, June 17 from 5 to 8 p.m.

Hikes

Old Juniper — Summer School students and families make the traditional climb to world-famous Old Juniper, one of the oldest living Juniper trees in the world. Following the climb, a picnic and campfire program will initiate all into the Old Juniper Club.

Mt. Logan

View Cache Valley from magnificent Mt. Logan and the University campus. Hike along Historic Crimson Trail to the top of Mt. Logan.
Socials

Games, dances and refreshments. Enjoy lasting facilities with students and teachers from all over the nation. Meet them at the many socials, recreational parties.

Steak Fries

Annual Summer School steak fries, one pound tenderloin steaks with all the trimmings, in beautiful Logan Canyon.

Square Dances

Outdoor square dancing with some of the best callers in the Intermountain area.

Ranch Breakfast

The annual western style breakfast. All you can eat. Served on campus in traditional outdoor western style.

Canyon Picnics

Logan Canyon offers many ideal picnic areas. Students and families are urged to take advantage of this scenic attraction. Equipment may be secured for the programs through the recreation program committee.

Family Recreation

Enjoy Summer School with the entire family—picnicking, fishing, hiking,
swimming, games and programs are only a part of the services offered. Logan City recreation department organizes a full program of activities for children. Many educational and recreational points of interest are found in and around the Logan area.

**Tours**

Utah State University opens wide its door of opportunity to relax and enjoy the many educational and recreational tours offered through the recreation program.

**Yellowstone Park**

Travel to Yellowstone Park through picturesque Jackson, Wyoming. See the Grand Tetons, Old Faithful, Fishing Bridge, and other features of the famous National Park.

**Southern Utah Parks**

Visit Zion, Bryce, and Grand Canyon National Parks. See the beautiful colors of Zion and Bryce, the grandeur of the Grand Canyon and countless rock formations. Travel with your family and other students on this fascinating tour.

**Bear River Bird Refuge**

One of the largest migratory bird refuges in the United States. A memorable guided excursion to one of the most fascinating spots in Utah. Just an afternoon away from the Campus.

**Cache Valley**

A guided tour of picturesque Cache Valley and its many points of interest. Historic Mormon pioneer monuments, world famous Rocky Mountain Swiss Cheese factory, fish hatcheries, Latter-day Saints Temple. See and understand the interesting highlights of this educational empire.
Visiting Faculty

Utah State University National Summer School faculty, in addition to selected resident members, will have few less than fifty visiting faculty members with national reputation from various universities and in the several professions. These visiting men and women will make contributions in a substantial majority of the departments on upper division and graduate levels.

Anita Aldrich, Supervisor
Physical Education, Public Schools
Kansas City, Missouri
(Physical Education)

Forrest A. Anderson
Basketball Coach
Michigan State University
( Coaching School)

Norman S. Anderson, MD
Private psychiatrist-psychoanalyst
Salt Lake City, Utah
(Sociology)

W. Herbert Bartlett
Supervisor of Art
Jordan School District
(Fine Arts)

Roald Campbell, Director
Midwest Administration Center
University of Chicago
(Education)

Larry Cannon, MS
(Mathematics)

Ruth S. Cavan
Professor of Sociology
Rockford College
Rockford, Illinois
(Sociology)

Harold T. Christensen, Head
Department of Sociology
Purdue University
(Sociology)

Gwyn Clark
College of Southern Utah
Cedar City, Utah
(Education)

David B. Cressey, Professor
Mount Saint Mary’s College
West Los Angeles, California
(Fine Arts)

James Curtin, Director
University Elementary School
College of Education
University of Minnesota
(Education)

Dan Devine
Football Coach
University of Missouri
Columbia, Missouri

A. Y. Eliason
Professor, Department of Physics
Fresno State College

Walter B. Ford
San Diego State College
(Industrial Education)

Wallace Fulton
Public Health Associate
Equitable Life Assurance Society
New York City
(Child Development)

Glenn Hawkes, Head
Department of Child Development
Iowa State College
(Child Development)

E. Adamson Hoebel, Chairman
Department of Anthropology
University of Minnesota
(Sociology)

Blair Hurd, State Coordinator
Teacher Recruitment
California Dept. of Public Instruction
(Education)
Margaret E. Johnson  
Elementary Supervisor  
Alpine School District  
(Fine Arts)  

John J. Kinsella  
School of Education  
New York University  
(Education)  

Dan Lacy, Managing Director  
American Book Publishers Council, Inc.  
New York City  
/Library Science)  

Vernon J. LeeMaster  
Supervisor of Music  
Salt Lake City Schools  
(Fine Arts)  

Hudson Long, Chairman  
English Department  
Baylor University  
(English)  

Donald K. Mathews  
Assoc. Professor & Co-ordinator of Research  
Ohio State University  
(HPER)  

Robert M. McCowen, Assistant Professor of Music  
Iowa State College  
(Fine Arts)  

Harold J. McNally  
Professor of Education  
Teachers College  
Columbia University  
(Education)  

Hanford Miller, Professor  
Physical Science  
Nebraska State Teachers College  
(Chemistry)  

Delbert Napper  
Supervisor of Art  
Logan City Schools  
Logan, Utah  
(Fine Arts)  

L. C. Pigage, Professor  
College of Engineering  
University of Illinois  
(Tool Engineering)  

Phyllis Publicover, MS  
(Education)  

John A. Read  
Boston University  
(Education)  

Maynard C. Reynolds  
Professor of Educational Psychology  
University of Minnesota  
(Psychology)  

Clarence E. Sawhill  
Associate Professor of Music and Director of Bands  
University of California at L.A.  
(Fine Arts)  

Kermit L. Seefeld, Chairman  
Industrial Education Department  
University of California  
(Industrial and Technical Education)  

Gertrude Shurr, Director of Dance  
New York School of Performing Arts  
(Fine Arts)  

Harold Silverthorn  
Director of School Buildings  
Bothell Public Schools  
Bothell, Washington  
(Education)  

Emily S. Staples  
Toole Central School  
(Fine Arts)  

Robert O. Stripling, Head  
Department of Personnel Services  
College of Education  
University of Florida  
Gainesville, Florida  

David B. Treat  
Director, Clara Elizabeth Fund  
Flint 2, Michigan  
(Child Development)
H. Grant Vest  
Commissioner of Education  
State of Colorado  
(Education)

William P. Viall  
Bureau of Teacher Education and Certification  
Albany, New York  
(Education)

Ray B. West  
Professor of English  
University of Iowa  
(English)

Rachel Yocom  
Director of Dance  
New York School of Performing Arts  
(Fine Arts)
Bright Angel Point in the picturesque Grand Canyon

Beautiful Logan Canyon is a Vacation Paradise

Credit: Union Pacific Photo
UTAH STATE UNIVERSITY, LOGAN
1959 SUMMER SCHOOL FEATURES INCLUDE

- National Science Foundation Institute — June 15-August 21
- Training School for Counselors — June 15-July 17
- Elementary Art Workshop — June 15-July 3
- Annual Summer Music Festival and Clinic — June 22-July 3
- Family Living Workshops — August 11-13
- Young American Theatre — July 20-August 21
- 33rd Annual National Coaching School, featuring Basketball, Football, Baseball, and Athletic Training — June 8-13
- Space Age Forum — June 18-19
- Institute in Public School Administration — June 15-19
- Institute for Teachers and Writers on Utah History and the Rocky Mountain West — June 15-July 17