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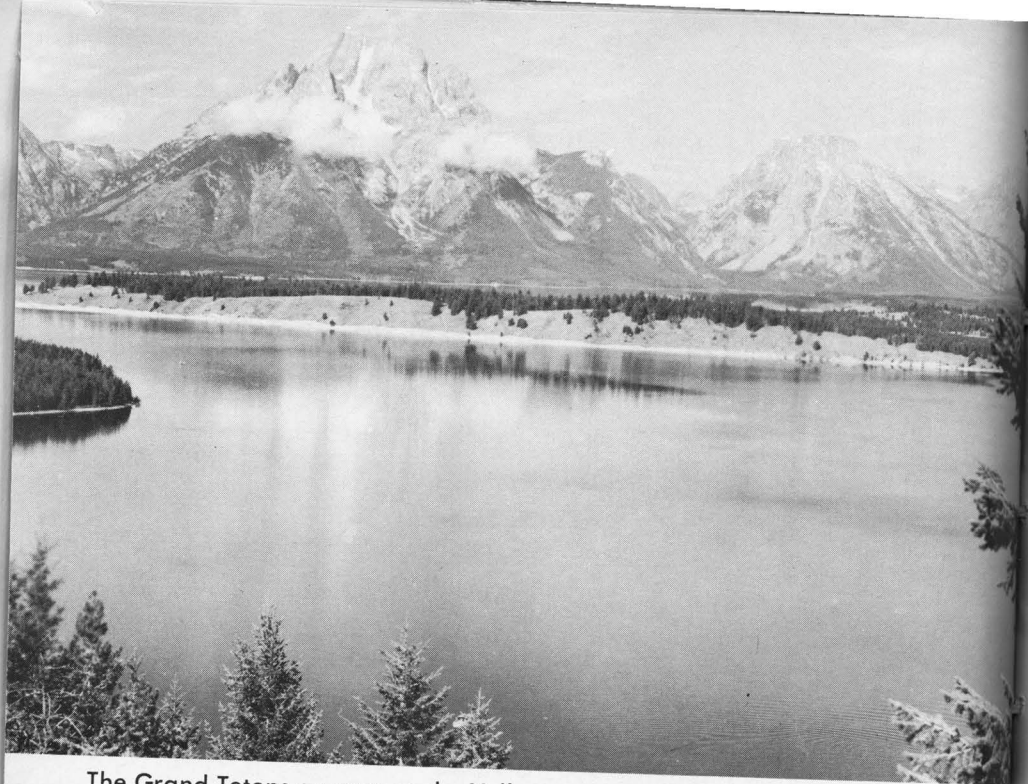
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The Campus In A Canyon's Lap



1959 SUMMER BULLETIN
UTAH STATE UNIVERSITY
LOGAN, UTAH



The Grand Tetons 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

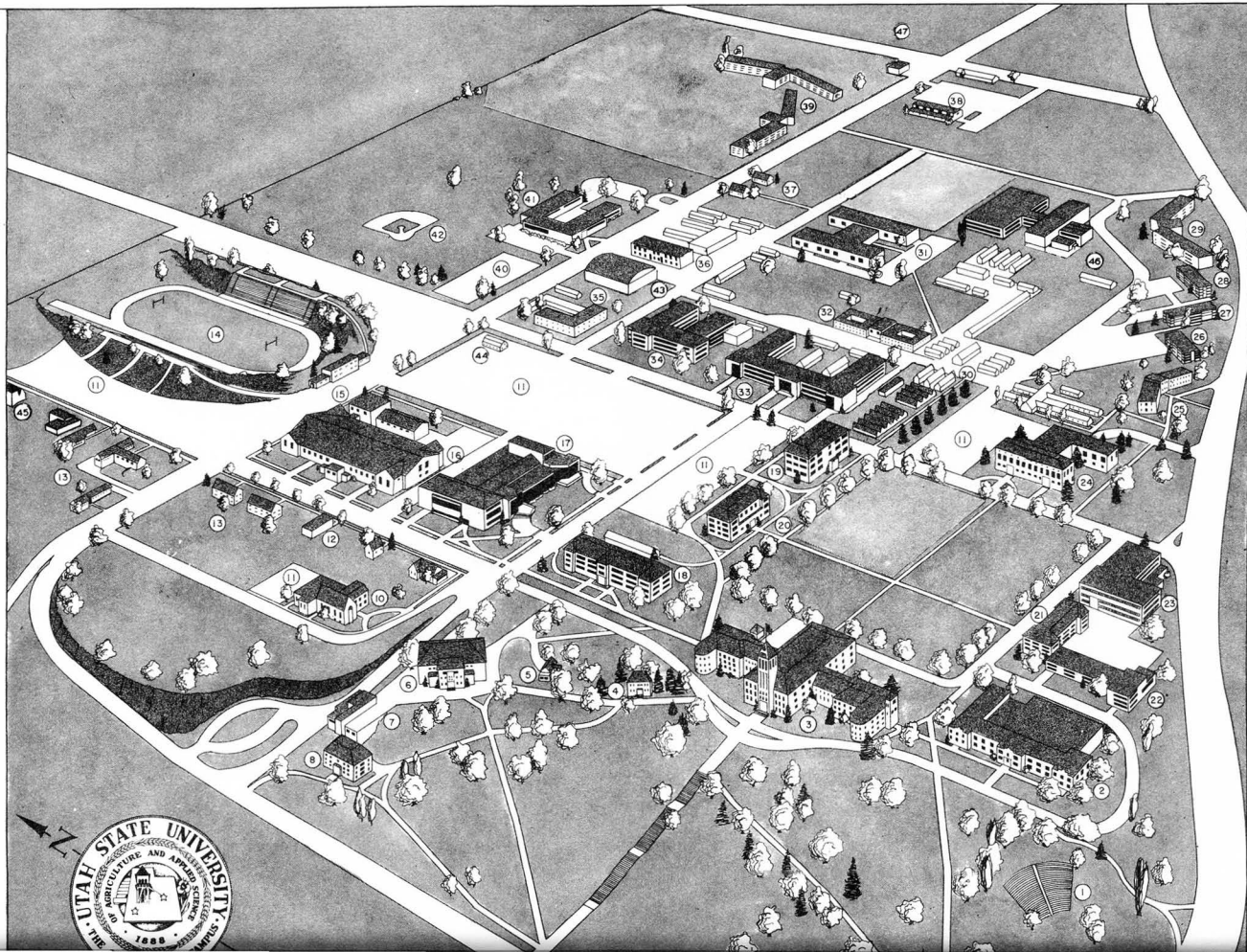
June 15 — July 17

SECOND SESSION

July 20 — August 21

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1. Amphitheater
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46. Engineering and Physical Sciences
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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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COVER PHOTO BY BERT V. ALLEN

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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

	First Session	Second Session	Both Sessions
Registration	\$10.00	\$10.00	\$10.00
Tuition	17.00	17.00	34.00
Building	3.00	3.00	6.00
Activity	3.00	3.00	3.00
Health	1.00	1.00	1.00
Total Fees	\$34.00	\$33.00	\$54.00

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\$ 1.75

Music—Individual Instruction with members of the University staff: One lesson per week (10 lessons) both sessions, (1 credit)....\$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.

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

Student Union

The informal atmosphere of the spacious University Student Union building offers Summer School patrons an opportunity for relaxation and recreation. Cool air from the Union's modern-air-conditioning plant makes participation in the numerous activities a pleasure and a ready refresher from the summer heat.

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 cashiers 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 re-

corded 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.

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.

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

AgS	Agricultural Science
AH	Animal Husbandry
E	Engineering
EB	Edith Bowen Training School
F	Forestry
FH	Field House
FL	Family Life
G	Gymnasium
ISA	Information Services and Alumni

L	Library
M	Main
MA	Mechanic Arts
MS	Military Science
P	Plant Industry
T	Technology
TC, TI, etc.	Temporary Bldgs.
UB	Union Building
VS	Veterinary Science
W	Widsoe Physical Science

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
 Creamery — 108 Animal Hus. Bldg.
 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.

Housing Office – 133 Main
Information – Union Lounge
Placement Bureau – 179 Main
President's Office – 101 Main
Information Services Office – ISA
Registrar's Office – 129 Main
Summer School – 130 Main
University College – 182 Main

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).
- 290. **Special Problems Agriculture Teachers.** 2 F, V. Jarrett, F.M. Shop. Time arranged.
- 291. **Special Problems.** Credit arranged. F. S. S. Richardson and staff, AgS 165, time arranged.

Agronomy (Agron)

- 218. **Special Problems.** B, Staff, Credit, place and time arranged.
- 230. **Research and Thesis.** B, Staff, Credit, place and time arranged.

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.
- 1. **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

- 50. **Elementary Public Health.** 3 S, L. W. Jones, P202, MWF 9:50-12.
- 155. **School Health.** 4 F, K. R. Stevens, P302, MTWTh 1:20-3:30.
- 155. **School Health.** 4 S, K. R. Stevens, P302, MTWTh 9:50-12.
- 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.
- 130. **Corporation Finance.** 5 S, R. P. Collier, M 308, Daily 9:50-12.

185. **Managing Personal Finance.** 5 S, W. Tezak, M305, Daily 11-1:10.

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, M307, Daily 8:40 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.
10a. **General Chemistry Recitation.** F, W205, MWF 8:40.
10b. **General Chemistry Laboratory.** F, W208, TTh 8:40-12.
11. **General Chemistry Lecture.** 5 S, Staff, W205, Daily 7:30 a.m.
11a. **General Chemistry Recitation.** S, W205, MWF 8:40.
11b. **General Chemistry Laboratory.** S, W208, TTh 8:40-12.
121. **Organic Chemistry.** 5 F, J. T. Spence, W103, Daily 7:30 a.m.
121a. **Organic Chemistry Laboratory.** F, W203, Daily 8:40-12.
122. **Organic Chemistry.** 5 S, J. T. Spence, W103, Daily 7:30 a.m.
122a. **Organic Chemistry Laboratory.** S, J. T. Spence, W203, Daily 8:40-12.
298. **Research.** B, Staff, Credit, place and time arranged.

Civil and Irrigation Engineering

Civil Engineering (CE)

103. **Engineering Mechanics and Strength of Materials.** 4 F, R. K. Watkins, E306 and E307, Daily 7:30 a.m. and MW 9-12.
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, MTW-Th 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.
210. **Research—Master's Thesis.** F, Staff, Credit and time arranged, FL202.

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.
108. **Social Studies in the Elementary School.** 3S, E. Shaw, E. B. 12, Daily 8:40 a.m.

109. **Methods and Materials for Teaching Elementary Science.** 3F, T. A. Taylor, E.B. 24, Daily 9:50 a.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.
113. **Principles of Guidance.** 3S, T. E. Hatch, M52, Daily 9:50 a.m.
114. **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.
118. **Social Studies in the Secondary Schools.** 3S, P. Budge, M52, Daily 7:30 a.m.
119. **Extracurricular Activities.** 2S, E. Drake, M355, Daily 9:50 a.m.
124. **Teaching of English.** 4S, P. Budge, M178, Daily 7:30 a.m.
133. **Curriculum and Methods of Kindergarten.** 3F, J. Pugmire, E. B. 2, Daily 7:30 a.m.
136. **Improving Instruction in Elementary School.** 3S, G. Clark, E. B. 6, Daily 11 a.m.
138. **Improving Teaching in Secondary School.** 3F, P. Budge, M56, Daily 8:40 a.m.
139. **Modern Practice in the Teaching of Reading.** 3F, Staff, E.B. 2, Daily 12:10.
139. **Modern Practice in the Teaching of Reading,** 3S, G. Clark, E.B. 2, Daily 9:50 a.m.
151. **Methods and Materials of Teaching High School Science.** 3F, R. D. MacCurdy, M52, Daily 9:50 a.m.
152. **Utilizing Community Resources in Science Education.** 3F, R. D. MacCurdy, M204, Daily 1:20 p.m.
159. **Arithmetic in the Elementary School.** 3F, T. A. Taylor, E.B. 24, Daily 7:30 a.m.
161. **Audio-visual Aids in Education.** 3F, E. Drake, E.B. 6, Daily 8:40 a.m.
161. **Audio-visual Aids in Education.** 3S, T. A. Taylor, E.B. 6, Daily 8:40 a.m.
162. **Audio-visual Aids.** 3F, E. Drake, E.B. 6, Daily 1:20 p.m.
179. **Improvement of Reading in High School and College.** 3F, P. Budge, M52, Daily 8:40 a.m.
182. **History of Education.** 3F, P. Lewis, M80, Daily 8:40 a.m.
189. **Group Dynamics Action Research.** 3S, W. A. DeHart, M52, Daily 11 a.m.
202. **Philosophy of Education.** 3F, P. Lewis, M80, Daily 12:10.
203. **Comparative Education.** 3S, B. C. Hansen, M80, Daily 9:50 a.m.
204. **Elementary School Curriculum.** 3F, E. Shaw, E. B. 12, Daily 1:20-3:30 p.m. (July 2-17).
205. **Reading and Conference.** E. Staff, Credit, time and place arranged.
206. **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)
207. **Elementary School Administration.** 3S, J. Curtin, E. B. 8, Daily 11 a.m.
208. **School Supervision.** 3S, J. Curtin, E. B. 8, Daily 8:40 a.m.
211. **Educational Measures.** 3S, D. R. Stone, M56, Daily 11 a.m.
213. **Organization and Administration of Guidance.** 3S, E. H. Himes, M56, Daily 7:30 a.m.
217. **Junior High School.** 3S, Staff, M52, Daily 7:30 a.m.
218. **Public Relations in Education.** 3F, H. G. Vest, M356, Daily 9:50 a.m.
221. **School Administration.** 3F, B. C. Hansen, M178, Daily 1:20 p.m.
223. **Legal Aspects of School Administration.** 3F, T. E. Hatch, M52, Daily 7:30 a.m.
225. **Education of Gifted Child.** 3F, M. C. Reynolds, M281, Daily 12:10.
225. **Education of Gifted Child.** 3S, R. D. MacCurdy, E.B. 2, Daily 8:40 a.m.
232. **Workshop in Teacher Recruitment.** 3F, B. Hurd, G. S. Jacobsen, E.B. 8, Daily 8:40 a.m. June 22-July 3.
234. **Course of Study Building in Mathematics.** 3-5, June 8-26, J. Kinsella, MA220, Daily 8:40-3:30.
236. **Secondary School Administration.** 3S, T. E. Hatch, M287, Daily 11 a.m.
245. **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.
253. **Workshop in Science Education.** 5S, J. Read, R. D. MacCurdy, T. A. Taylor, E.B. 2, Daily 1:20-3:30 p.m.
261. **Workshop in Teacher Education.** 3S, W. Viall, M281, Daily 9:50-12 a.m. July 20-August 7.
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. **School Finance.** 3F, H. G. Vest, M56, Daily 7:30 a.m.
302. **Readings in Foundations of Education.** 3S, W. P. Lewis, M80, Daily 8:40 a.m.
315. **Curriculum Development.** 3F, Staff, M287, Daily 1:20 p.m.
322. **Administration of School Personnel.** 3S, W. Viall, B. Hansen, M80, Daily 7:30 a.m.
342. **Higher Education.** 3F, E. H. Himes, M354, Daily 8:40 a.m.
360. **School Building Programs.** 5F, H. Silverthorn, M178, Daily 1:20-3:30 p.m. June 22 through July 17.
375. **Field Studies and Thesis.** B, Staff, Credit, time and place arranged.
382. **School Business Management.** 3S, N. S. Cannon, M355, Daily 11 a.m.
104. **Grammar.** 3 S, J. L. Mortensen, L305, Daily 7:30 a.m.
111. **Technical Writing.** 3 F, J. L. Mortensen, L305, Daily 7:30 a.m.
122. **Children's Literature.** 3 F, J. L. Mortensen, L305, Daily 9:50 a.m.
149. **Comparative Literature.** 3 S, K. Hendricks, L307, Daily 8:40 a.m.
153. **Rocky Mountain Literature.** 3 F, I. N. Hayward, L301, Daily 7:30 a.m.
- 154g. **Major American Authors.** Walt Whitman, 2 F, R. B. West, L309, MTWTh 7:30 a.m.
157. **American Literature - Renaissance.** 3 F, H. Long, L307, Daily 8:40 a.m.
158. **Realism and Modernism in American Literature.** 3 F, R. B. West, L303, Daily 9:50 a.m.
- 165c. **Major English Authors-Shelley.** 2 F, M. Q. Rice, L305, MTWTh 8:40 a.m.
170. **Milton.** 3 S, M. Q. Rice, L301, Daily 9:50 a.m.
191. **Victorian Period.** 5 B, J. W. Patrick, L303, Daily 1:20 p.m. (May be taken either session for 2½ credits).
199. **Readings and Conference.** B, Staff, Credit, time and place arranged.
200. **Thesis.** B, Staff, Credit, time and place arranged.
211. **Bibliography and Research Methods.** 2 S, J. L. Mortensen, L305, MTTh 8:40 a.m.
253. **Seminar in American Lit.** 3F, H. Long, L307, Daily 9:50 a.m.
261. **Reading of Middle English.** 3 F, K. Hendricks, L307, Daily 7:30 a.m.

Electrical Engineering (EE)

200. **Special Studies in Electrical Engineering.** B, Staff, Credit, time and place arranged.
235. **Radio Propagation.** 3 F, Staff, time, credit and place arranged.
298. **Graduate Thesis.** B, Staff, Credit, time and place arranged.

English (Engl)

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.

185. **Family Middle and Later Years.** 3 F, D. T. Dyer, M357, Daily 8:40 a.m.
250. **Child Development Seminar.** 3 S, G. Hawkes, FL108, Daily 9:50
275. **Internship in Nursery School Education.** F. Staff, Time, Place and credit arranged. (See Instructor).
254. **Band Pageantry.** 1 F, Staff, Time and place arranged.
257. **Junior High School Music.** 2 F, V. LeeMaster, Place arranged, Daily 1:20-2:50 p.m. June 15-July 3.
280. **Seminar in Music Literature.** 3 F, A. L. Dittmer, Place arranged, 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, Dittmer, Welti, Credit, time and place arranged.
- 74-174. **Individual Violin 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.
163. **Piano Workshop.** 1 F, I. Wassermann, Place arranged, June 22, 23, 24.
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.
250. **Elementary School Music Workshop.** 3 F, V. Lee Master, E.B. 9, Daily 7:30-9:30 a.m. June 15-July 3.
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.

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 Gym, Daily 9:50 a.m.

Visual Art (FA-A)

1. **Exploring Art.** 3S, Daily 11, H. T. Groutage.
5. **Beginning Design.** 3 F, E. Thorpe, M334, Daily 9:50-12.
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.
21. **Lettering Layout.** 3 F, E. Thorpe, M334, 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.** 2S, G. Lindstrom, Staff, (July 20-31).
115. **Fabric Design.** 3 F, J. Larson, M336, Daily 9:50-12.
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.
127. **Oil Painting.** 3 S, E. Thorpe, M334, Daily 9:50-12.
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, (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)

146. **Food Technology.** 2 F, Staff, FL 103, MW 1:20-2:40, TTh 1:20-3:50.
190. **Special Problems.** F, E. B. Wilcox, Credit, time and place arranged.
202. **Biological Assay of Foods.** F, E. B. Wilcox, Credit, time and place arranged.
203. **Nutrition Laboratory.** 3 F, E. B. Wilcox, C108, Time arranged.
210. **Research for Masters Thesis.** 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.

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.
116. **Special Problems.** 1-6 F, C. T. Hardy, Time and place arranged.
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.

157. **Fieldwork in Recreation.** F, H. B. Hunsaker, G27, Credit and time arranged.
162. **Dance Activities for Special Programs.** 2 S, P. Fuller, MG, Daily 1:20 p.m.
250. **Reading and Conference.** F, D. O. Nelson, G30, Credit and time arranged.
277. **PE Activities for Elementary School.** 3 F, A. Aldrich, G30, Daily 1:20 p.m.
282. **Problems in Curriculum Construction.** 3 F, D. Mathews, G27, Daily 8:40 a.m.
290. **Problems in Development of Fitness.** 3 F, D. O. Nelson, G30, Daily 7:30 a.m.
292. **Seminar in PE.** 3 F, D. Mathews, Seminar, Daily 1:20 p.m.
295. **Problems in PE.** 3 F, H. B. Hunsaker, Seminar, Daily 8:40 a.m.
299. **PE Seminar.** 3 S, L. H. McClellan, Seminar, Daily 9:50 a.m.

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.
70. **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.
210. **Research for Master's Thesis.** B, V. H. Harder, Credit, and time arranged, C207.
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

111. **International Organization.** 3 S, W. G. Anderson, M353, Daily 9:50 a.m.
115. **Problems of Utah Government.** 3 S, W. G. Anderson, M353, Daily 11 a.m.
126. **Soviet Government & Policies.** 3 F, M. J. Harmon, M353, Daily 7:30 a.m.
170. **Lecture Series.** 1F, M-AUD, 11:00 a.m. unless otherwise specified.
190. **Problems of American Government.** 3 F, M. J. Harmon, M353, Daily 9:50 a.m.

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. Hailes, MA220, Daily 7:30 a.m.
111. **The General Shop.** 3 S, W. E. Mortimer, MA219, Daily 9:50 a.m.
113. **Driver Education & Traffic Safety.** 3 E, O. Slaugh, T7, Daily 2:30-4:40.

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.
146. **Electronics for Teachers.** 3, June 1-12, W. Ford, MA22, Daily 8-4.
152. **New Developments in Plastics.** 2 S, C. W. Hailes, MA219, Daily 8:40 a.m.
167. **Special Problems in Industrial Education.** E, W. E. Mortimer, MA104, Credit and Time arranged.
176. **Modern Trends in Woodwork.** 3 F, W. E. Mortimer, MA158, Daily 2:30-4:40.
180. **Industrial Arts for Elementary Schools.** 3 S, C. W. Hailes, MA222, Daily 9:50 a.m.
182. **General Shop Laboratory.** 3 S, C. W. Hailes, MA222, Daily 2:30-4:40 p.m.
207. **Philosophy of Vocational Education & Practical Arts.** 3 S, W. E. Mortimer, MA219, Daily 7:30 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.
267. **Reading and Conference.** E, W. E. Mortimer, MA104, Credit and time arranged.
271. **Research and Thesis Writing.** E, W. E. Mortimer, MA104, Credit and time arranged.

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

1. **Elementary German.** (1st quarter). 5 F, J. M. Beyers, M359, Daily 8:40 and 1:20.
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

3. **Introductory Physics.** 5 F, A. Y. Eliason, W108, Daily 9:50-12:00.
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 7:30 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 7:30 a.m.
202. **Psychology of Adolescence.** 3 S, W. R. Borg, M281, Daily 11 a.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.

280. **Personality.** 3 F, H. C. Sharp, M280, Daily 1:20 p.m.
281. **Psychometrics Applied to Guidance.** 3 F, A. Frandsen, M280, Daily 8:40 a.m.
282. **Individual Diagnostic Intelligence Testing.** 3 S, H. C. Sharp, M280, Daily 11 a.m.
283. **Theories of Counseling.** 3 S, Staff, M280, Daily 12:10.
285. **Introduction to Projective Methods for the Study of Personality.** 3 S, H. C. Sharp, M281, Daily 1:20 p.m.
287. **Occupational Information.** 2 S, E. H. Himes, M280, Daily 8:40 a.m.
288. **Practicum in Counseling.** 2 F, E. W. Wright, M133, Time arranged.
289. **Practicum in Testing.** 2 S, H. C. Sharp, M175, Time arranged.

Range Management (Range)

195. **Range Problems.** B, C. W. Cook, F406, Credit and time arranged.
200. **Range Thesis.** B, C. W. Cook, F406, Credit and time arranged.

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.
161. **Modern Social Problems.** 3 F, E. H. Lewis, M357, Daily 9:40 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 9:50 a.m.
173. **Clinical Practice.** E, P. W. Newman, M204, Credit and time arranged.
181. **Radio Production.** 3 S, B. F. Hansen, M204, Daily 8:40 a.m.
190. **Problems in Speech.** E, Staff, Time, Credit and place arranged.
200. **Seminar in Speech.** E, Staff, Credit, time and place arranged.
201. **Thesis.** E, Staff, Credit, time and place arranged.
290. **Research Studies.** E, Staff, Time, 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

Code No.	Instructor	Dept.	Code No.	Instructor	Dept.
6206	Abrams, M.	LS	6210	Beutler, G. L.	LS
3606	Allen, B. V.	EN-JR	6006	Beyers, J.	LANG
3605	Allred, J. R.	EN-JR	8810	Biddulph, C.	ZOOL
0606	Allred, K.	AGRON	2414	Bishop, A. A.	CE
4802	Anderson, F.	PE	6806	Black, A.	MS
3607	Anderson, J.	EN-JR	7806	Black, T. R.	SOC
7206	Anderson, J. O.	POULT	8410	Blake, J.	VS
0206	Anderson, R. H.	AG-EC	0210	Blanch, G. T.	AG EC
5006	Anderson, W. B.	HI-PS	8814	Bohart, G. E.	ZOOL
3006	Arrington, L. J.	ECON	3610	Booth, T. Y.	EN-JR
2406	Bagley, J.	CE	3206	Borg, W. R.	EDUC
8806	Bahler, T. L.	ZOOL	1610	Boyle, W. S.	BOT
2410	Barker, J. R.	CE	5010	Brite, J. D.	HI-PS
5606	Bate, E. B.	HA	1406	Broadbent, R.	BACT.
2006	Bauer, N.	CHEM	3612	Brown, C.	EN-JR
3608	Beere, S. K.	EN-JR	3208	Budge, P.	EDUC
8406	Bell, J. H.	VA-SS	3210	Burg, R.	EDUC
1806	Bell, W. H.	BA-SV	3214	Burke, C.	EDUC
1006	Bennett, J. A.	ANHUS	2010	Burton, T. M.	CHEM
0503	Bennett, W. E.	GE-AG	1010	Butcher, J.	ANHUS
7006	Berger, R. L.	PHYX	4004	Byers, J. A.	FA

Code No.	Instructor	Dept.	Code No.	Instructor	Dept.
6212	Cain, A.	LS	4808	Evans, G.	PE
2806	Caine, G. B.	DI	1426	Fillmore, A. J.	BACT
1810	Calder, H. B.	BA-SS	6604	Fitch, W. C.	ME
8412	Call, J. W.	VS	2428	Flammer, G.	CE
4006	Call, V.	FA	4410	Floyd, J. W.	FOR
2014	Cannon, M. C.	CHEM	6010	Fogelberg, T.	LANG
1814	Cannon, N. S.	BA-SS	1012	Footo, W. C.	ANHUS
1614	Cannon, O. S.	BOT	5810	France, E. L.	I-T E
3218	Carlisle, J. C.	EDUC	8414	Francks, V. J.	VS
1410	Carlquist, J. H.	BACT	7406	Frandsen, A.	PSY
7210	Carson, J. D.	POULT	1430	Fraser, R. S.	BACT
3806	Carter, D. C.	CD	7818	Fredrickson, C.	SOC
1414	Carter, P. B.	BACT	3622	Frietzsche, A. H.	EN-JR
6214	Carter, P. J.	LS	4814	Fuller, P.	PE
3406	Chadwick, D. G.	EE	4030	Galos, A.	FA
7010	Chatelain, E.	PHYX	8826	Gardner, E. J.	ZOOL
8206	Child, R. D.	TE	1826	Gardner, V. D.	BA-SS
0214	Christensen, R.	AG EC	5406	Gerber, R. K.	HORT
2418	Christiansen, J.	CE	6408	Gerriets, J.	MATH
3613	Christiansen, N.	EN-JR	2606	Gilmore, F. R.	CT-RA
6810	Civille, L. A.	MS	7610	Goodwin, D. L.	RANGE
3410	Clark, C.	EE	3624	Greaves, M.	EN-JR
1418	Clark, H.	BACT	2018	Greenwood, D. A.	CHEM
4010	Clark, S.	FA	8614	Gross, R. W.	WLM
1618	Cochran, G. W.	BOT	4032	Grosshans, R.	FA
3414	Cole, L. S.	EE	4034	Groutage, H.	FA
1816	Collier, R. P.	BA-SS	8830	Gunnell, M. H.	ZOOL
7606	Cook, C. W.	RANGE	4816	Guthrie, D.	DE
8606	Cope, O. B.	WLM	5814	Hailes, C. W.	I-T E
2422	Cordon, W. A.	CE	6409	Halamandaris, P.	MATH
1422	Cragun, W. E.	BACT	8834	Hammond, D. M.	ZOOL
4018	Crane, J.	FA	6410	Hammond, R. G.	MATH
3614	Culmseu, C.	EN-JR	5410	Hamson, A. R.	HORT
1424	Daines, N.	BACT	3226	Hansen, B.	EDUC
2426	Daines, S. H.	CE	3626	Hansen, B.	EN-JR
4022	Dalby, M. F.	FA	8006	Hansen, B. F.	SPCH
4406	Daniel, T. W.	FOR	3010	Hansen, G.	ECON
3615	Daniels, T. E.	EN-JR	2430	Hansen, V.	CE
8818	Davis, D. W.	ZOOL	5206	Harder, V.	HE ED
0218	Davis, L. H.	AG EC	4606	Hardy, C. T.	GEOL
6218	Davis, R.	LS	5018	Harmon, M. J.	HI-PS
3616	Dean, J. L.	EN-JR	7016	Harris, J. D.	PHYX
7814	Dehart, W. A.	SOC	1014	Harris, L. E.	ANHUS
5906	Defty, E.	LDEP	3628	Harris, S. A.	EN-JR
5806	Dickenson, S.	I-T E	3230	Hatch, T. E.	EDUC
8610	Diem, K.	WLM	8838	Haws, B. A.	ZOOL
4026	Dittmer, A. L.	FA	5412	Hawthorn, L. R.	HORT
1818	Donovan, A.	BA-SS	5910	Haycock, F.	LDEP
1822	Doty, I.	BA-SS	3630	Hayward, I. N.	EN-JR
4806	Downs, L.	PE	1434	Hayward, J. C.	BACT
3222	Drake, E. M.	EDUC	3634	Hendricks, K.	EN-JR
7214	Draper, C. I.	POULT	3422	Heyborne, R. L.	EE
3008	Durtschi, R.	ECON	5818	Hill, L. M.	I-T E
3810	Eames, R.	CD	3234	Himes, E.	EDUC
8822	Eastin, J. L.	ZOOL	3636	Hodge, S. C.	EN-JR
6008	Eckmanis, R.	LANG	1622	Holmgren, A. H.	BOT
3618	Edwards, M. D.	EN-JR	3014	Howard, W. W.	ECON
6405	Egbert, L.	MATH	3238	Humpherys, L. R.	EDUC
6406	Elich, J.	MATH	4818	Hunsaker, H. B.	PE
5014	Ellsworth, G. S.	HI-PS	3638	Hunsaker, K.	EN-JR
3418	Embry, B. L.	EE	2810	Hunsaker, L. R.	DI

Code No.	Instructor	Dept.	Code No.	Instructor	Dept.
6414	Hunsaker, N. C.	MATH	4834	Mendini, A.	PE
5822	Hurst, C.	I-T E	5834	Merkley, C. N.	I-T E
1206	Hurst, R. L.	AP ST	4206	Merkley, M. B.	F-N
2434	Israelsen, O. W.	CE	5022	Merrill, M. R.	HI-PS
3018	Israelsen, V.	ECON	5838	Merrill, S.	I-T E
3240	Jackson, A.	EDUC	6014	Meyer, G. A.	LANG
3242	Jacobsen, E. A.	EDUC	0618	Miller, R. W.	AGRON
3246	Jacobsen, G. S.	EDUC	2450	Milligan, C. H.	CE
2438	Jarrett, V. H.	CE	8418	Miner, M. L.	VS
4822	Jensen, C.	PE	4414	Moore, R. R.	FOR
6012	Jensen, G.	LANG	4050	Morgan, F.	FA
7014	Jensen, J. O.	PHYX	6419	Morrell, R.	MATH
0610	Jensen, L. A.	AGRON	2818	Morris, A. J.	DI
0802	Johnson, E.	AS	5014	Morris, L. S.	LDEP
5824	Johnson, G. V.	I-T E	0226	Morrison, E. M.	AG EC
7410	Johnson, H. M.	PSY	3642	Mortensen, J. L.	EN-JR
1438	Jones, L. W.	BACT	5842	Mortimer, W. E.	I-T E
3426	Jones, W. L.	EE	3026	Murray, E. B.	ECON
8842	Kaloostian, G. H.	ZOOL	8010	Myers, C. J.	SPCH
6222	Keck, C.	LS	4838	Nelson, D. O.	PE
8618	Kelker, G. H.	WLM	4842	Nelson, G.	PE
5826	Kemp, A. B.	I-T E	6418	Nelson, M.	MATH
2442	Kepner, H. R.	CE	1836	Neuberger, M.	BA-SS
2446	Kiefer, F. W.	CE	8014	Newman, P. W.	SPCH
3640	Klages, K.	EN-JR	8858	Nielsen, G. L.	ZOOL
8846	Knowlton, G. F.	ZOOL	6018	Nielsen, M. L.	LANG
6416	Kulik, S.	MATH	3646	Nielsen, V. L.	EN-JR
0222	Lamborn, E. W.	AG EC	3258	Noble, L. G.	EDUC
4038	Larsen, J.	FA	5414	Norton, R. A.	HORT
2814	Larsen, P. B.	DI	5610	Nyman, E.	HA
6417	Larson, D.	MATH	6610	Nyman, R. A.	ME
2022	Larson, G. O.	CHEM	5026	Olsen, C. P.	HI-PS
2026	Lee, G. L.	CHEM	4610	Olsen, D.	GEOL
5830	Lee, I. E.	I-T E	1838	Olsen, F.	BA-SS
3020	Leichty, E.	ECON	6431	Olsen, J.	MATH
6420	Lemon, R.	MATH	4054	Pahtz, G.	FA
8850	Levin, M. D.	ZOOL	3649	Patrick, C.	EN-JR
3814	Lewis, D.	CD	3641	Patrick, C.	EN-JR
7830	Lewis, E. H.	SOC	3650	Patrick, J. M.	EN-JR
3250	Lewis, W. P.	EDUC	1446	Payne, C. L.	BACT
4042	Lind, M.	FA	4846	Pearce, J.	PE
4046	Lindstrom, G.	FA	2454	Peterson, D. F.	CE
8854	Linford, G. H.	ZOOL	5030	Peterson, E. L.	HI-PS
6223	Logan, I. M.	LS	0622	Peterson, H. B.	AGRON
6606	Loveless, A. G.	ME	5418	Pollard, L. H.	HORT
8622	Low, J. B.	WLM	6022	Porter, G.	LANG
1210	Lu, K. H.	AP ST	8210	Preator, F.	TE
1830	Lundstrom, H.	BA-SS	7414	Pubols, B. H.	PSY
3256	Maccurdy, R.	EDUC	3262	Pugmire, J.	EDUC
1018	Madsen, M. A.	ANHUS	4418	Quinney, D. N.	FOR
2030	Maeser, S.	CHEM	6226	Ransom, V.	LS
1442	Malouf, R.	BACT	4850	Rasmussen, D.	PE
3022	Marston, G.	ECON	3652	Reese, G. L.	EN-JR
1022	Matthews, D. J.	ANHUS	4058	Reynolds, H.	FA
0506	Maughan, J. H.	GENAG	3654	Rice, M. Q.	EN-JR
4826	Maughan, R.	PE	2458	Rich, E. L.	CE
0614	McAllister, D. R.	AGRON	6422	Rich, W.	MATH
1834	McBride, C. D.	BA-SS	6423	Richards, D.	MATH
4830	McClellan, L.	PE	3658	Richards, L.	EN-JR
4832	McKinnon, J.	PE	3266	Richardson, S. S.	EDUC
3641	McLaughlin, H. S.	EN-JR	0806	Rickers, A. E.	AS

Code No.	Instructor	Dept.	Code No.	Instructor	Dept.
5034	Ricks, J. E.	HI-PS	5850	Summers, L. P.	I & TE
5422	Riethmann, O.	HORT	5854	Swenson, D. H.	I & TE
0230	Roberts, N. K.	AG EC	7426	Sylvester, A.	PSY
1450	Roberts, R. A.	BACT	3666	Taylor, G.	EN-JR
8018	Robinson, R. E.	SPCH	0630	Taylor, S. A.	AGRON
6424	Rogers, D. R.	MATH	3274	Taylor, T.	EDUC
7834	Roskelley, R. W.	SOC	2034	Tensmyer, L. G.	CHEM
4210	Rowland, P.	F-N	2610	Terasawa, H.	CT-RA
3659	Rubin, A. J.	EN-JR	1946	Tezak, W. V.	BA-SS
5426	Salunke, D. K.	HORT	6030	Thain, A.	LANG
8864	Sanders, R. T.	ZOOL	1462	Thain, W. S.	BACT
3660	Selander, C. E.	EN-JR	0238	Thomas, W. P.	AG EC
7418	Sharp, H. C.	PSY	8022	Thornley, G.	SPCH
3270	Shaw, E. S.	EDUC	4062	Thorpe, E.	FA
1626	Shaw, R. J.	BOT	6814	Tilley, D. A.	MS
0810	Shipley, J. R.	AS	0634	Tingey, D. C.	AGRON
3661	Shuffler, R. H.	EN-JR	6426	Tingey, V. H.	MATH
8422	Shupe, L.	VS	2462	Tingey, W. A.	CE
8626	Sigler, W. F.	WLM	4066	Tippetts, T.	FA
0814	Singleton, A. O.	AS	4422	Tocher, S. R.	FOR
3663	Skabelund, D.	EN-JR	6234	Tolman, J.	LS
7842	Skidmore, C. J.	SOC	0818	Tucker, R.	AS
5846	Slaugh, O.	I-T E	8870	Turner, J. H.	ZOOL
6614	Smith, A. B.	ME	4426	Turner, L. M.	FOR
7614	Smith, A. D.	RANGE	7624	Valentine, J.	RANGE
6230	Smith, A. M.	LS	2038	Van Orden, H. O.	CHEM
4214	Smith, G.	F-N	4218	Vermillion, U.	F-N
3662	Smith, H. W.	EN-JR	3670	Vickers, W. J.	EN-JR
8630	Smith, R.	WLM	5858	Wadsworth, H.	I-T E
0626	Smith, R. L.	AGRON	8638	Wagner, F. H.	WLM
1454	Smith, W. W.	BACT	6820	Walker, J. L.	MS
6026	Snell, H. C.	LANG	0510	Walker, R. H.	GENAG
8213	Somers, W. K.	TE	6618	Wallis, C. R.	ME
4854	Sorenson, E.	PE	4070	Wasserman, I.	FA
3030	Sorenson, P. E.	ECON	3430	Watkins, B. O.	EE
2032	Spence, J. T.	CHEM	2466	Watkins, R. K.	CE
8866	Stanford, J. S.	ZOOL	4074	Welti, W.	FA
2822	Starkey, E. E.	DI	4858	Whitaker, R.	PE
1026	Steffen, H.	ANHUS	1630	Wiebe, H.	BOT
3664	Stewart, J. J.	EN-JR	3278	Wight, E. L.	EDUC
1030	Street, J. C.	ANHUS	4222	Wilcox, E. B.	F-N
1842	Stenquist, L.	BA-SS	5862	Wiley, L.	I-T E
1458	Stevens, K. R.	BACT	4618	Williams, J. S.	GEOL
2826	Stoddard, G. E.	DI	0638	Wilson, L.	AGRON
7618	Stoddard, L. A.	RANGE	6825	Wise, C. E.	MS
8634	Stokes, A. W.	WLM	7018	Wood, J.	PHYX
7422	Stone, D. R.	PSY	0640	Woodward, R.	AGRON
4614	Strasser, E.	GEOL	4080	Wright, D.	FA
0234	Strong, B. C.	AG EC	3282	Wright, W.	EDUC

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

The department of Education is offering seven workshops which carry three credits each and include the following:

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. Enrollment 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, Greenriver, 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 Tippetts, 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 Shurr, 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 Auxilary, 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, recreative 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

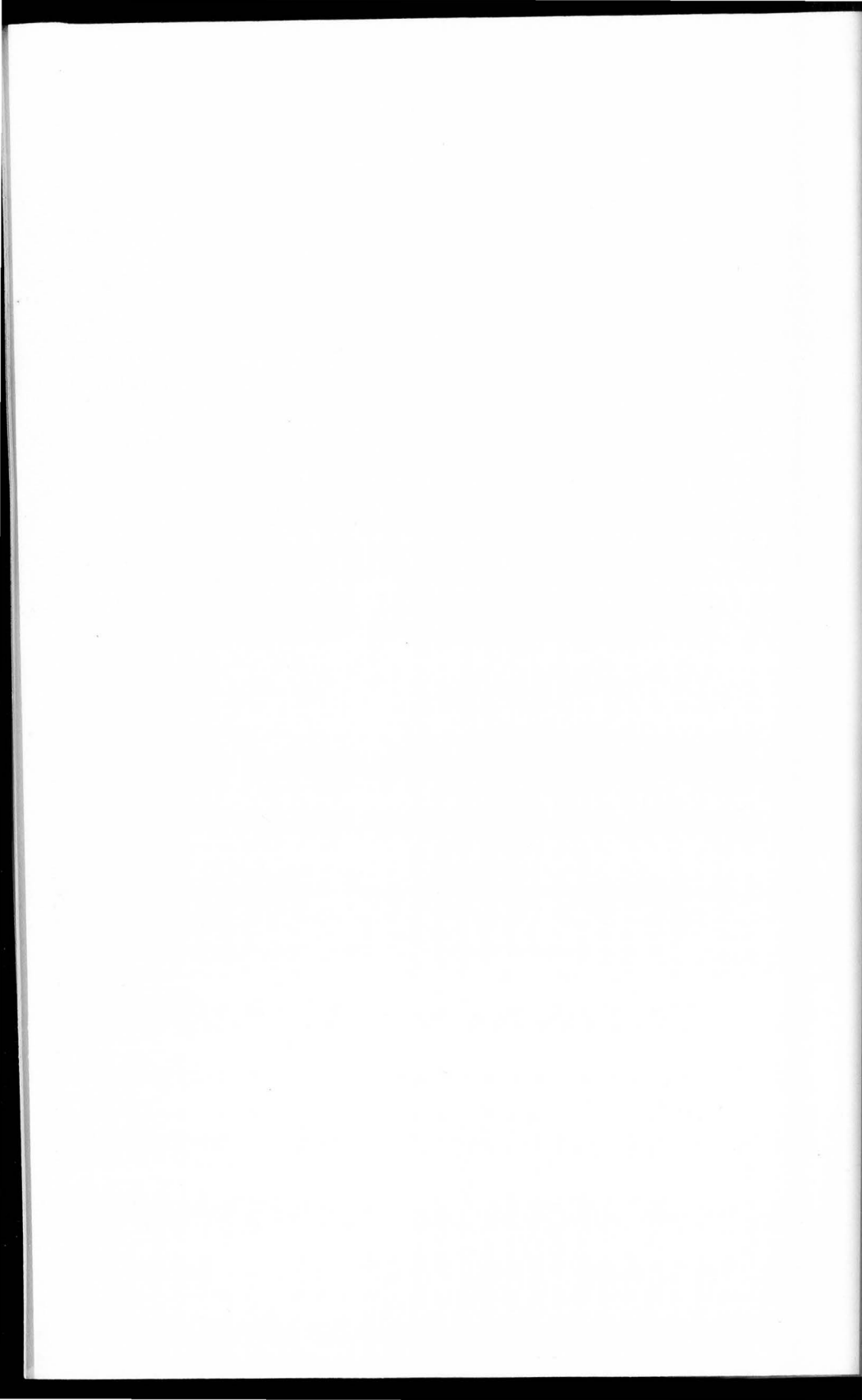
David B. Treat
Director, Clara Elizabeth Fund
Flint 2, Michigan
(Child Development)

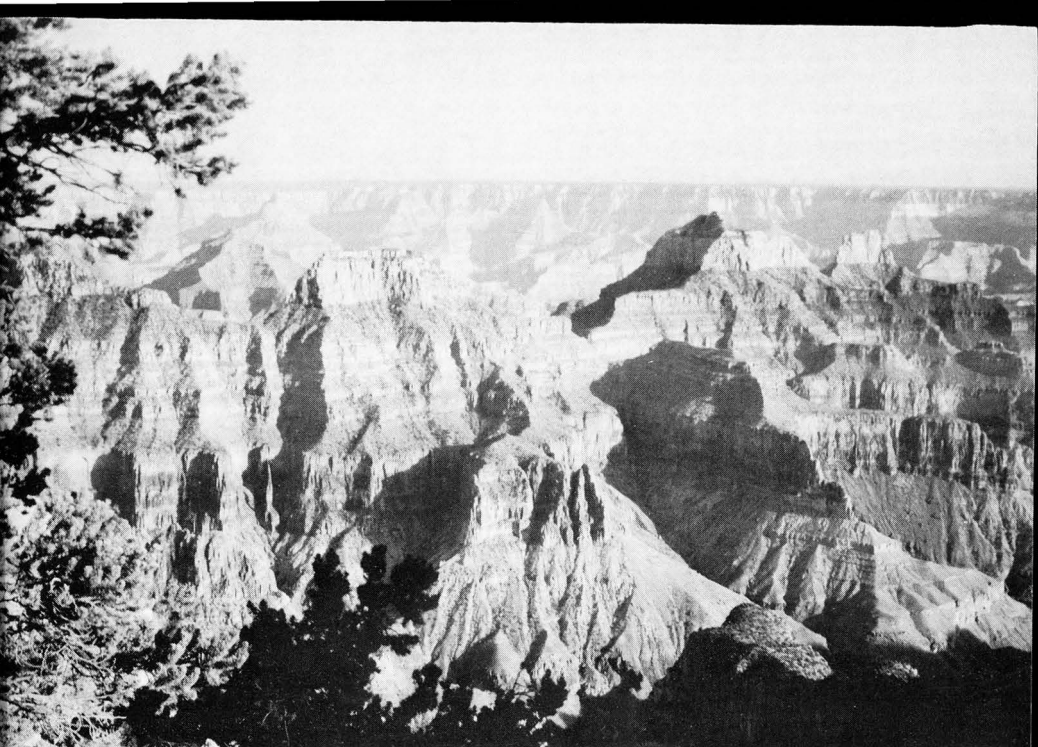
H. Grant Vest
Commissioner of Education
State of Colorado
(Education)

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

Credit: Union Pacific Photo

Credit: Union Pacific Photo

Beautiful Logan Canyon is a Vacation Paradise



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