Few university campuses can compare with the spacious beauty of USU's, and none can equal it in grandeur of setting — situated on a terrace of old Lake Bonneville, overlooking picturesque Cache Valley, surrounded by the Wellsville and Cache ranges of the Wasatch mountains of the Rockies.

Photos: Courtesy Union
Utah State University

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

1960
Summer School
June 13 — August 19

FIRST SESSION
June 13 — July 15

SECOND SESSION
July 18 — August 19
## Administrative Staff

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<tr>
<td>Daryl Chase</td>
<td>President</td>
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<tr>
<td>Milton R. Merrill</td>
<td>Vice President</td>
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<tr>
<td>L. Mark Neuberger</td>
<td>Dean of Academic Administration</td>
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<tr>
<td>Lee Grande Noble</td>
<td>Director, Summer School and Off-Campus Education</td>
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<tr>
<td>Dee A. Broadbent</td>
<td>Business Manager and Treasurer</td>
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<tr>
<td>J. Stewart Williams</td>
<td>Dean, School of Graduate Studies</td>
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<tr>
<td>William H. Bennett</td>
<td>Acting Dean, College of Agriculture</td>
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<tr>
<td>Robert P. Collier</td>
<td>Acting Dean, College of Business and Social Studies</td>
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<td>John C. Carlisle</td>
<td>Dean, College of Education</td>
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<td>Dean F. Peterson</td>
<td>Dean, College of Engineering</td>
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<td>Dorothy T. Dyer</td>
<td>Dean, College of Family Life</td>
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<td>J. Whitney Floyd</td>
<td>Acting Dean, College of Forest, Range and Wildlife Management</td>
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<tr>
<td>Carlton F. Culmsee</td>
<td>Dean, University College</td>
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<tr>
<td>Ana L. Beecher</td>
<td>Acting Registrar</td>
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A Summer School
You Will Long Remember

Scenic Cache valley, which received its name because of furs that Jim Bridger cached here in 1823, 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.

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.

Our graduate program in education and related fields is of a high order. In addition to the numerous course offerings in the 1960 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

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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Summer School Special Events

Lecture Series

One of the major features of the USU Summer School is the Eleven O’clock Lecture Series. Eminent authorities are scheduled to discuss 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.

Third Annual National Rocky Mountain Invitational Art Exhibit

May 24-June 30

Twain Tippetts, Chairman

This exhibit will feature the oils and water paintings of the nation’s leading artists and will be displayed in the spacious USU Student Union building. There is no admission charge.

Workshop for Trade and Industrial Education Supervisory Staff

June 1-14

William E. Mortimer, Chairman

This workshop is to be conducted by a national authority in technical education. It will be given at the Salt Lake Trade Technical Institu-

tute, 431 South 6th East, Salt Lake City. Participants will attend sessions of the Administrator’s Conference on Vocational Education, June 7-10. Those attending this workshop will register for IE 181 Trends in Industrial Education, three credits. This course is approved for credit toward the Master’s degree.

Workshop in Electronics for Industrial Art Teachers

June 6-17

William E. Mortimer, Chairman

This intensive course IE146 will be held from 8 a.m. to 4 p.m. daily. Although planned primarily for Industrial Arts teachers, it is open to any interested person with the necessary background.

Workshop in Curriculum Development in Trade and Industrial Education

June 13-July 15

Carl R. Bartel, Chairman

Those attending this workshop may register for IE 209, Course of Study Building, three credits. This course is approved for credit toward the Master’s degree.
Workshop in Secondary School Administration
June 6-10
Terrance E. Hatch, Chairman
Harold C. Hand, Director
Lee Y. Deale, Assistant Director

This workshop is planned in cooperation with the Secondary School Principals’ Association of Utah and the Division of Secondary Education of the State School Office. It will occupy the full time of the participants for one week, June 6-10, on the Logan campus. The program is planned for both junior and senior high school administrators, supervisors and curriculum directors. Administrators from states other than Utah are welcome. The workshop will deal with problems in curriculum organization and development. Enroll for Education 236 B, Problems in Secondary School Administration, two credits.

For additional information write to Terrance E. Hatch at USU or Lerue Winget, Director of Secondary Education, State Capitol, Salt Lake City.

Workshop in Elementary School Administration
June 6-10 Utah State University
June 20-24 College of Southern Utah, Cedar City, Utah
Gene S. Jacobsen, Arthur S. Jackson, Co-chairmen
Joseph Fillrerup, Chairman on C.S.U. Campus
Glenn Barnett, 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 6-10 on the Logan campus or June 20-24 at the College of Southern Utah, Cedar City. Each will deal with selected problems in elementary school administration and supervision. Invitation is extended to out-of-state elementary school principals and supervisors. Enroll for Education 206d, two credits, at either campus.

Coaching School
June 6-10
Dale L. Gardner, Chairman
H. B. Hunsaker, Director

Registration for the Thirty-fourth 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. 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 famed Logan canyon. Advance reservations should be made for the school.

Tool and Manufacturing Engineering Seminar
June 8-10
Frederick Preator, Chairman

Many of the latest phases of quality control will be presented, as well as topics dealing with management problems. Of benefit to
both industry and the profession, the material will be presented by some of the leading men from industry and education. The course will run for three days with two 1½ hour sessions each morning and afternoon. Question and answer time will be provided. College credit is available.

Landscape Architecture and Environmental Planning Trip
June 8-July 18
A. C. Tocher, Director

A major trip to the West Coast, centralizing in San Francisco with side trips to adjoining cities, to study design, land planning, parks, schools, industrial sites, civic centers, etc. All majors in Landscape Architecture and Environmental Planning are required to register for course, LA 135. The trip actually starts June 13, and is concluded July 15. Part of the course is spent in travel and part in organizing information into a report.

American Legion
Boys State
June 7-14
W. Dale Waters, President
Mable Bills, Executive Secretary
Edwin L. Peterson, Liaison Officer

Five hundred high school boys from throughout Utah, between their junior and senior years, meet on the USU campus for intensive courses in citizenship, the operation of the American system of govern-

ment on national, state and local levels. The boys have active experience in operating city, county and state governments. Boys State will select two senators to represent Utah at Boys Nation in Washington, D. C., later in the year.

Utah Girls State
June 12-19
Mrs. Victor J. Bott, Director

Purpose of this annual conference, under 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.

Home Management and Equipment Workshop
June 13-24
Virginia Harder, Chairman
Nell White, Director

The workshop will consider equipment and management in relation to family values and resources of time, energy, and money. Another point of emphasis will relate to furnishing and equipping a homemaking department.

Miss Nell White, Assistant Professor of Equipment and Family Housing, Purdue University, will conduct the workshop. She recently co-authored a book, Management for You, one of the most
complete books on management available at the high school level.

The Management and Equipment Workshop has been so scheduled that participants can elect attendance at the American Home Economics Association at Denver, June 27-July 1.

Metalsmithing Workshop  
Both Sessions

Donald B. Wright, Director

This course is flexible, designed so 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.

NDEA Summer Institute for Secondary School Teachers of French and Spanish  
June 13-July 22

Marion L. Nielsen, Director

USU has been chosen as one of 35 colleges and universities in the nation to conduct a summer institute in languages, under sponsorship of the National Defense Education Act, Language Development Program, and in cooperation with the U. S. Office of Education.

Forty-one secondary school teachers of French and Spanish will be chosen to participate in an intensive six-weeks' program designed to help improve their oral competence in the foreign tongue and to acquaint them with the best teaching methods. Participants must devote full time to the Institute program. Successful participants will receive a stipend of $75 per week plus $15 per week for each dependent.

Deadline for receipt of application is March 15. Direct all inquiries to Dr. M. L. Nielsen, Director, Summer Institute in Languages, USU, Logan.

Elementary Art Workshops

June 13-July 1, USU and American Fork, Utah

H. R. Reynolds, Director

This workshop will be conducted at USU and at American Fork, Utah. It is designed to give teachers opportunity to explore art experiences, to work with many types of art media, to explore background material, and to consider a philosophy of art suited to the learning needs of the art program. 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.

National Science Foundation Summer Institute

June 13-August 19

Joseph Elich, Director

In cooperation with the National Science Foundation, USU is giving a 10-week Summer Institute for Junior High School teachers of Science and Mathematics. The
Departments of Mathematics, Physics, and Zoology will participate and the following courses will be given: (1) Basic Mathematics from an Advanced Viewpoint; (2) Modern Physical Science; (3) Basic Principles of Biological Science.

Workshop in English for Secondary and Elementary Teachers
June 13-24
Pearl S. Budge, Edith Shaw, T. Y. Booth, Co-chairmen
Harry H. Crosby, Director

The workshop is co-sponsored by USU, the Utah Council of Teachers of English and the National Council of Teachers of English. It will meet daily at 8:40 for two weeks, and carries 3 credits. Enroll for Education 224. Students wishing to take a full course of work in the first session are encouraged to enroll for another course meeting at 7:30. Special courses meeting for three weeks only are scheduled to begin after the termination of the workshop.

For further information write to either the Department of English or the Department of Education, USU.

Remedial Reading
June 13-July 15
D. R. Stone, Chairman
Edward Fry, Visiting Professor

A program in remedial reading is being offered in the first session. Two courses are involved, Education 142 and Education 143. In 142 the student will study current techniques effective in helping children with critical reading problems. The other course provides for practical experience in which class members will be assigned to work with retarded readers.

Dr. Fry will instruct the two courses for the first two weeks, June 13-24. Dr. Stone will be in charge of the program for the balance of the first session.

Workshop in Conservation Education
June 14-July 15
Robert D. MacCurdy, Coordinator
C. L. Durrance, Consultant

Purpose of this workshop is to explore the problem of conservation in its broadest scope, including physical environment, social environment, flora and fauna, with particular reference to the needs of the elementary and secondary schools. Cooperating with the Summer School in this program will be the State Board of Education. Field trips will be included.

This workshop will be given under the title of Education 263. Conservation Education, with three to five credits.

Workshop in Elementary Physical Education
June 27-July 15
Lois Downs, Chairman
Anita Aldrich, Director

This course is designed for any person interested in elementary ed-
ucation. It will combine theory and practice in developing a well rounded curriculum of physical education for grades 1 through 6. Attention will be given to individual problems. Three credits may be obtained for the workshop under HPER 244.

**Workshop in Food and Nutrition**

*July 4-15*

*Una Vermillion, Chairman*

*Faye Kinder, Director*

This workshop will include a survey of fundamentals in managing meals. It will consider new trends applicable to the home and to both high school and college laboratory situations. Areas of emphasis will include time management and short-cut methods, money management at various income levels, and some of the major problems of the consumer as related to foods.

Professor Faye Kinder, Food and Nutrition Department of Michigan State University, will conduct the workshop.

**Workshop in Teacher Education**

*July 5-15*

*John C. Carlisle, Caseel Burke*

*Co-chairmen*

*T. M. Stinnett, Director*

The workshop will occupy the full time of participants. It will deal with problems in the area of teacher education from both a local and national point of view. Such matters will be considered as: selective admission and retention of students in teacher education curricula; relative emphasis upon general education; academic specialization and professional education. Enroll for Education 261, three credits.

**Music Festival and Clinic**

*July 11-22*

*Max F. Dalby, Chairman*

USU’s Summer Music Festival and clinic serves two functions: High school students have an opportunity to broaden their musical understanding and experience; music teachers, supervisors, and university students have 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.

**Fourth Annual Piano Workshop**

*July 18-19*

*Irving Wassermann, Director*

This workshop is designed 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. The workshop meets from 9 a.m. to 4 p.m. One hour credit. Fee is $13.
Workshop in Crime Prevention and Workshop in Delinquency Prevention
July 13-15
R. Welling Roskelley, Chairman
Albert Pennock, Director
Harry Elmer Barnes, Consultant
A. LaMont Smith, Consultant

These workshops will be held concurrently, to consider what can be done in the prevention and treatment of crime and delinquency.

Participants will include national and local authorities, professional people, religious leaders, PTA officers, civic and service club leaders. They will apply recommendations of the White House Conference on Youth to the community level. Attention will be given to such topics as: (1) more effective cooperation between professional and non-professional persons, (2) more effective participation of community in probation and parole programs, (3) the role of youth in providing more positive leadership in preventing and treating crime and delinquency.

Dance Program
July 17-August 19
Twain Tippetts, Chairman
R. D. Yocom, Director

An extensive program in dance will be offered jointly by the Department of Health, Physical Education and Recreation and the Department of Fine Arts. This Summer School of Dance will be taught by visiting instructors from the New York School of Performing Arts, and from the professional stage. Classes will be offered in modern, ballet, composition, and techniques.

A techniques-of-teaching course will be offered for teachers and advanced students. The course will emphasize techniques, teaching materials and instructional methods in modern dance for the secondary school.

Young American Theatre
July 17-August 19
Twain Tippetts, Chairman

No longer is there any need for promising teenage dancers and actors 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 USU for five weeks, July 17-August 19. 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 USU. This Summer School of Dance invites promising young dancers in the 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 USU. A musical comedy and a drama will be produced, along with other plays selected to serve the needs of the actors who enroll. There are excellent accommodations and ade-
quate supervision. Student actors who have done well in high school drama productions should get professional training here. 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.

Aggie Ranger Hike

July 18-29

Arthur Mendini, Chairman

The annual Summer School Leadership-in-Camping Course (Aggie Rangers) will include camp preparation, packing, menu planning, first aid, organization of hikes, campfire programs, camp personnel, equipment, and 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.

Family Life Education Workshop

July 18-29

C. Jay Skidmore, Chairman
Elizabeth S. Force, Director
Mildred I. Morgan, Director

This workshop in Family Life Education will serve state and local PTA personnel, students, teachers, youth leaders, and members of welfare agencies, state departments and educational institutions concerned with family life education. Consideration will be given to the teaching of family life education and ways of improving the community resources and programs. Workshop will meet daily, 9 to 11 a.m. and 1:30 to 3:30 p.m., with two hours credit. Practical leadership experience will be had in connection with workshop for leaders and youth.

The Utah Congress of Parents and Teachers and the American Social Hygiene Association's Rocky Mountain Project are cooperating with USU in sponsoring this workshop.

Family Living Workshop For Leaders and Youth

July 27-28

C. Jay Skidmore, Chairman
Mildred I. Morgan, Director
Elizabeth S. Force, Director

The study of needs of community leaders and youth will be held in connection with the Family Life Education Workshop. Leaders and youth will be given experience in thinking through ways of choosing a mate, of preparing youth for marriage, and of gaining an understanding of marriage problems. Strengthening community resources for education and counseling in the family living area will be considered. Youth and leader delegates will be selected by the PTA and community leaders.
Workshop in Women's Role in Community Development
July 28-30
Carmen Fredrickson, Chairman
Ysabel Forker, Consultant

This workshop is designed to help women in the intermountain area discover new and important roles they can play in solving community problems. Will consider some of the major problems in Utah and surrounding states that need solution at the community level; also, the tools and techniques that can be used in community development, such as group dynamics, community organization, ways of involving people, and parliamentary procedure.

State and national authorities will help develop the workshop. Organizations assisting in the workshop include: USU Sociology Department, The Community Development Bureau, University of Utah, American Association of University Women, Federated Women's Clubs, Parent-Teachers Associations, Business and Professional Women's Clubs in Utah and the surrounding states.

Marriage Counseling Workshop for Professional Persons
August 3-5
C. Jay Skidmore, Chairman
Norman S. Anderson, 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. Marriage counselors from private and public agencies will participate in the workshop.

American National Red Cross Aquatic School
August 10-20

This school will be conducted at Camp Hunt on Bear Lake. It offers courses in swimming, canoeing, sailing, power craft safety, basic and instructor rating in first aid, handling swimming for the handicapped and Water Safety Instructor certification. Two hours of credit may be taken.

Workshop in School Supervision
August 15-19
C. D. Burke, Edith Shaw, Co-chairman
Kimball Wiles, Director

This workshop, planned with the cooperation of the elementary and secondary school supervisors of Utah, is meant to serve the needs of the practicing supervisor. Principals, and teachers preparing for supervisory assignments, are invited to participate.

Dr. Kimball Wiles of the University of Florida, director of the conference, is scholar, writer and lecturer in supervision, whose services are widely sought as a consultant and leader in workshops, conferences and institutes.

The workshop will meet full time Monday through Friday. Participants may earn two credits. Enroll for Education 264.
Recreation for All at Utah State

A feature of USU's Summer School is its recreation program. Recreational opportunities abound on and near the University campus. Beautiful Logan canyon, extending forty miles eastward from the borders of the campus, offers hiking, picnicking, fishing, and camping. Facilities are also available nearby for golfing, tennis, bowling, riding, and swimming.

Welcome and Steak Fry for Visiting Faculty

The Director of the Summer School will entertain the Summer School faculty with a Steak Fry and program at Upper Guinavah Park, Wednesday, June 15 from 5 to 8 p.m.

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.

Socials

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

Steak Fries

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

Ranch Breakfast

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

Logan canyon has many ideal picnic areas. Camping and game equipment may be obtained through the recreation program committee.

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 and the University campus from magnificent Mt. Logan. Hike along historic Crimson trail to the top of Mt. Logan.

Square Dances

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

Tours

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, Latter-day Saints Temple, world famous Rocky Mountain Swiss Cheese factory, fish hatcheries, etc. See and understand the interesting highlights of this educational em-
Directions for Registration

Registration for the Summer School will be conducted according to the following instructions:

Your load during Summer School must be approved by the 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 your dean.

Registration will be conducted in the fieldhouse, Monday, June 13, according to the following alphabetical schedule: A through E, 8 to 9 a.m.; F through K, 9 to 10 a.m.; L through R, 10 to 11 a.m.; S through Z, 1 to 2 p.m.

On June 13 you may enroll for both sessions or just the first session. Registration for the second session may be added at the beginning of the second session on July 18. No special registration period is set aside for the second session.

Registration procedure – New students complete application-for-admission form, obtain registration packets, fill out proposed list of courses, consult faculty adviser, obtain 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. 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 a change-of-registration form.

Courses may be added during the first two weeks, or dropped during the first three weeks, by obtaining the approval of the instructor and your dean.

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 any change thereafter.
Building Designations

AB  Art Barn
Ag S  Agricultural Science
AH  Animal Husbandry
E   Engineering
EB  Edith Bowen Training School
F   Forestry
F&B  Forestry and Biological Science
FH  Field House
FL  Family Life
G   Gymnasium
ISA  Information Services and Alumni

*TC  East of Agricultural Science
TG  East of Agricultural Science
TI  East of Widtsoe Physical Science
TJ  East of Library

U.S.U. Directory

Admission Office—127 Main
Agriculture, College of—130 Ag S
Alumni Office—ISA
Athletics, Director of—Field House
Bookstore—Union Basement
Business and Social Sciences,
   College of—313 Main
Cafeteria—Union
Controller—108 Main
Creamery—108 Animal Husbandry Bldg.
Dean of Students—103 Main
Counselor for Women—133 Main
Education, College of—179 Main
Employment, Student—Union Basement
Engineering, College of—203 Engr. Bldg.
Family Life, College of—102 Family Life
   Building
Forestry, College of—103 Forestry Bldg.
Graduate Studies, School of—182 Main
Housing Office—133 Main
Information—Union Lounge
KVSC—204 Union
Placement Bureau—179 Main
President’s Office—101 Main
Public Information Office—ISA
Publications, Student—Union 2nd Floor
Purchasing Agent—107 Main
Registrar’s Office—131 Main
R.O.T.C. Air Force—Military Science
   Bldg.
R.O.T.C. Army—Military Science Bldg.
Studentbody Offices—Union, 2nd Floor
Summer School—130 Main
Union Building Manager—112 Union
University College—182 Main

College Code

1—Agriculture
2—Business and Social Sciences
3—Education
4—Engineering
5—Forest, Range, and Wildlife Management
6—Family Life
7—University College

—17—
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.

More complete descriptions of some of these courses are available in the U.S.U General Catalog.

Agricultural Economics
(Enrollment limited, see department head)

150. Special Readings.  E, Staff, AgS 135, Credit and time arr.

214. Thesis.  E, Staff, AgS 135, Credit and time arr.

250. Special Problems in Agricultural Economics.  E, Staff, AgS 135, Credit and time arr.

Agricultural Education

124. Methods of Teaching Farm Mechanics. 3 F, S. S. Richardson, AgS 220, Daily 7:30-9:40 a.m., June 20-July 15.


291. Special Problems. 2-5 F, S. S. Richardson, AgS 105, Time arr.

Bacteriology and Public Health

Bacteriology

10. Elementary Bacteriology. 5 S, K. R. Stevens, P302, Daily 7:30-9:40 a.m.

294. Special Problems in Bacteriology.  B, Staff, Credit, time and place arr.

299. Thesis Research.  B, Staff, Credit, time and place arr.

Public Health

155. Health Education for the Teacher. 4 E, K. R. Stevens, P302, F - MTWTh 1:20 - 3:30 p.m., S-MTWTh 9:50-12 noon

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

234. Special Problems. E or B Staff, Credit, time and place arr.

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

Business Administration and Secretarial Science

Business Administration

140. Insurance. 3 F, H. Calder, M308, Daily 7:30 a.m.

147. Administration of Small Business. 3 S, H. Calder, M308, Daily 9:50 a.m.

151. Principles and Problems of Marketing. 5 F, H. Calder, M308, Daily 8:40-10:40 a.m.

185. Managing Personal Finances. 5 S, H. Calder, M308, Daily 7:30-9:30 a.m.

Business Education

210. Improvement of Instruction in Typewriting. 3 F, Staff, M306, Daily 9:50 a.m.


250. Issues and Trends in Business Education. 3 F, Staff, M306, Daily 11:00 a.m.

260. The Business Curriculum. 3 F, Staff, M354, Daily 8:40 a.m.

270. Workshop in Business Education. 3 E, E. C. McGill, M306, Daily 1:00-4:30 p.m.

Secretarial Science

43. Advanced Typewriting. 2 S, A. Peterson, M309, Daily 8:40 a.m.

45. Speed Building Typewriting. 1 F, A. Peterson, M309, Daily 9:50 a.m.

65. Filing. 3 F, H. Lundstrom, M306, Daily 8:40 a.m.

92. Business Machines. 2 F, A. Peterson, M307, MTWTh 1:20 p.m.

130. Business Communications. 3 F, H. Lundstrom, M306, Daily 7:30 a.m.

166. Office Practice. 2 F, H. Lundstrom, M304, Daily 9:50 a.m.

186. Secretarial Procedures. 3 S, A. Peterson, M354, Daily 11 a.m.

Chemistry

10. General Chemistry. 5 F, Lecture, Staff, W205, Daily 7:30 a.m.

Recitation, Staff, W205, MWF 8:40 a.m.

Laboratory, Staff, W208, TTh 8:40-12 noon.

11. General Chemistry. 5 S, Lecture, Staff, W205, Daily 7:30 a.m.

Recitation, Staff, W205, MWF 8:40 a.m.

Laboratory, Staff, W208, TTh 8:40-12 noon.

121. Organic Chemistry. 5 F, Lecture, Staff, W103, Daily 7:30 a.m.

Laboratory, Staff, W203, Daily 8:40-12 noon.

122. Organic Chemistry. 5 S, Lecture, Staff, W103, Daily 7:30 a.m.

Laboratory, Staff, W203, Daily 8:40-12 noon.

298. Research. B, Staff, Credit, time and place arr.
Civil Engineering

230. Special Problems. E or B, Staff, Credit, time and place arr.

298. Graduate Thesis. E or B, Staff, Credit, time and place arr.

Clothing and Textiles
(Enrollment limited, see instructor)

165. Tailoring. 3 F, F. Gilmore, FL 214, MTWTh 7:30-10:50 a.m.

190. Special Problems. F, F. Gilmore, FL 204, Credit and time arr.

191. Seminar. 2 F, F. Gilmore, FL 208, F 9:50 a.m. to 12 noon.


Dairy Industry


Economics

51. General Economics. 5 B, R. R. Durtschi and G. F. Marston, M353, Daily 7:30 a.m.

125. Trade Unionism and Collective Bargaining. 3 S, G. F. Marston, M356, Daily 8:40 a.m.

155. Public Finance and Fiscal Policy. 3 F, R. R. Durtschi, M305, Daily 8:40 a.m.


Education

102. Teaching the Language Arts. 3 S, E. Shaw, EB 12, Daily 12:10 p.m.

103. Principles of Elementary Education. 4 F, A. Jackson, EB 2, Daily 1:20 p.m.

104. Elementary School Curriculum. 5 F, E. Wiggins, EB 8, Daily 1:20-3:30 p.m.

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

109. Teaching of Science. 3 S, R. MacCurdy, EB 24, Daily 8:40 a.m.

110. Diagnostic and Remedial Teaching. 3 S, D. R. Stone, M80, Daily 9:50 a.m.

111. Principles of Secondary Education. 3 F, E. Drake, EB 6, Daily 1:20 p.m.

113. Principles of Guidance. 3 S, T. Hatch, M80, Daily 11:00 a.m.

114. Organization and Administration. 3 F, B. Hansen, M83, Daily 9:50 a.m.

115. Secondary School Curriculum. 3 F, C. L. Durrance, M80, Daily 9:50 a.m.


133. Curriculum and Methods for Kindergarten. 3 F, J. Pugmire, M83, Daily 1:20 p.m.
136. Improving Instruction in Elementary Schools. 3 F, J. Pugmire, EB 8, Daily 7:30 a.m.

137. Creative Education in the Elementary School. 5 S, M. Bebell, M281, Daily 8:40-11:00 a.m.

138. Improvement of Teaching in Secondary Schools. 3 F, P. Budge, M283, 8:40-11:00 a.m. June 27-July 22.

139. Modern Practices in the Teaching of Reading. 3 S, Staff, EB 8, Daily 8:40 a.m.

140. Remedial Reading. 3 F, D. Stone and E. Fry, EB 6, Daily 8:40 a.m.

142. Practicing in Remedial Reading. 3 F, D. Stone and E. Fry, EB 8, Daily 1:20-3 p.m.

151. Teaching Science in Secondary Schools. 3 S, R. MacCurdy, EB 24, Daily 9:50 a.m.

152. Utilizing Community Resources in Science Education. 3 F, R. MacCurdy, EB 24, Daily 1:20 p.m.

159. Teaching of Arithmetic. 3 S, A. Jackson, M83, Daily 8:40 a.m.

161. Audio-Visual Aids in Education. 3 E, E. Drake, EB 6, Daily 8:40 a.m.

162. Techniques and Development of Audio-Visual Aids. 3 S, E. Drake, EB 6, Daily 9:50 a.m.

182. History of Education. 3 S, B. Hansen, M204, Daily 8:40 a.m.

204. Elementary School Curriculum. 3 F, C. Burke, EB 2, Daily 8:40 a.m.

205. Reading and Conference. Time, credit, instructor and place arr.


207. Elementary School Administration. 3 S, G. Jacobsen, M83, Daily 11:00 a.m.

208. School Supervision. 3 S, C. Burke, EB 2, Daily 8:40 a.m.

211. Educational Measurements. 3 S, C. Bebell, M178, Daily 11:00 a.m.

213. Organization and Administration of Guidance. 3 S, E. Himes, M83, Daily 1:20 p.m.

217. The Junior High School. 3 S, T. Hatch, M80, Daily 7:30 a.m.

218. Public Relations in Education. 3 S, G. Jacobsen, M204, Daily 9:50 a.m.

221. School Administration. 3 S, M. Stokes, M178, Daily 7:30 a.m.

223. Legal Aspects of School Administration. 3 F, T. Hatch, M178, Daily 7:30 a.m.


225. Characteristics and Education of the Gifted Child. 3 F, R. MacCurdy, EB 24, Daily 8:40 a.m.

236. Secondary School Administration. 3 F, T. Hatch, M80, Daily 12:10 p.m.

237. Problems in Secondary Education. 3 S, J. Carlisle, M178, Daily 1:20 p.m.

245. Problems in Elementary Education. 3 F, C. Burke, EB 12, Daily 1:20 p.m.

247. Education Seminar. F, E. Himes, M178, W 3 p.m., Credit arr.

248. Education Seminar. S, E. Himes, M178, W 3 p.m., Credit arr.


263. Conservation Education. 3 F, C. Durrance, M80, Daily 1:20 p.m.


267. Introduction to Research. 3 F, W. Borg, M178, Daily 9:50 a.m.

271. Research and Thesis Writing. Time, credit, instructor and place arr.

281. School Finance. 3 F, M. Stokes, M80, Daily 7:30 a.m.

315. Curriculum Development. 3 S, C. Bebell, M178, Daily 8:40 a.m.

322. Administration of School Personnel. 3 F, G. Jacobsen, M178, Daily 8:40 a.m.

360. School Building Program. 3 F, M. Stokes, M178, Daily 1:20 p.m.

375. Field Studies and Thesis. Time, credit, instructor and place arr.

382. School Business Management. 3 S, M. Stokes, M281, Daily 11:00 a.m.

Electrical Engineering
(Enrollment limited, see instructor)

235. Radio Propagation. 3 F, C. Clark, EE211, Time arr.

240. Microwave Measurements. 3 F, C. Clark, EE 211, Time arr.

298. Graduate Thesis. F, Staff, Credit, time and place arr.

English and Journalism

English

33. Readings in the Short Story. 3 F, M. Q. Rice, L305, Daily 1:20 p.m.

35. Great Books and Ideas. 3 S, M. Q. Rice, L305, Daily 7:30 a.m.

41. World Literature from 1660 to the Present. 5 B, V. L. Nielsen, L303, Daily 9:50 a.m. (May be taken either session for 2½ credits).

104. Grammar—Designed for Teachers. 3 F, H. B. Crosby, L305, Daily 7:30 a.m.

111. Technical Writing. 3 F, J. M. Patrick, L301, Daily 7:30 a.m.

117c. Creative Writing (Poetry). 3 S, V. L. Nielsen, L303, Daily 7:30 a.m.

122. Children’s Literature. 3 F, E. Shaw, EB6, Daily 7:30 a.m.

132. Readings in Poetry. 3 F, V. L. Nielsen, L303, Daily 7:30 a.m.


151. American Fiction. 3 F, R. E. Morsberger, TJ7, Daily 8:40 a.m.

158. Realism and Modernism in American Literature. 3 S, R. E. Morsberger, TJ7, Daily 8:40 a.m.

165a. Major English Authors (Donne). 3 S, M. Q. Rice, L305, Daily 9:50 a.m.

169. Readings in World Drama (Late Period). 5 B, T. Booth, L301, Daily 1:20 p.m. (May be taken either session for 2½ credits).

170. Milton. 3 F, M. Q. Rice, L305, Daily 9:50 a.m.

190. Romantic Period. 5 B, J. M. Patrick, L301, Daily 8:40 a.m. (May be taken either session for 2½ credits).

199. Readings and Conference. B, Staff, Credit, time and place arr. (May be taken by teachers attending NCTE workshop who desire to register for full load in the first session. Anyone registering for this course should consult the head of the English Department).

200. Thesis. B, Staff, Credit, time and place arr.

209. Anglo-Saxon (graduate students only). 5 B, R. E. Morsberger, TJ7, Daily 9:50 a.m.

211. Bibliography and Research Methods. 2 S, J. M. Patrick, L301, Daily 7:30 a.m.


Journalism
(See instructor before registering)

185. Special Problems. 2 F, C. F. Culmsee, M182, Time arr.


Family Living and Child Development

67. Early Childhood. 3 F, D. Lewis, FL 202, Daily 8:40 a.m.

115. Growth of the Infant. 3 F. D. Lewis, FL 202, Daily 9:40 a.m.

127. Family Life Education (workshop). 2, July 18-29, M. 1. Morgan, EB Aud., Daily 9-11 a.m. and 1:30-3:30 p.m.

180. Marriage Counseling. 3 S, C. J. Skidmore, FL 202, Daily 7:30 a.m.

Fine Arts

Music
1. Enjoying Music. 3 F, A. Galos, M56, Daily 9:50 a.m.

2. Music Fundamentals. 3 F, A. Galos, M56, Daily 11 a.m.

60. Individual Piano Instruction. 1 F, Staff, Time and place arr.

64. Individual Vocal Instruction. 1 F, A. L. Dittmer and W. Welti, Time and place arr.

70. Individual Woodwind Instruction. 1 F, M. Dalby, Time and place arr.

72. Individual Brass Instruction. 1 F, A. Wardle, Time and place arr.
74. **Individual Violin Instruction.** 1 F, A. Galas, Time and place arr.

75. **Individual Cello Instruction.** 1 F, G. Pahtz, Time and place arr.

133. **Summer School Chorus.** 1 F, A. Dittmer, AH103, Daily 11 a.m.

150. **Elementary School Music.** 3 F, A. Dittmer, AH103, Daily 9:50 a.m.

160. **Individual Piano Instruction.** 1 F, Staff, Time and place arr.

164. **Individual Vocal Instruction.** 1 F, A. Dittmer, and W. Welti, Time and place arr.

170. **Individual Woodwind Instruction.** 1 F, M. Dalby, Time and place arr.

172. **Individual Brass Instruction.** 1 F, A. Wardle, Time and place arr.

174. **Individual Violin Instruction.** 1 F, A. Galas, Time and place arr.

175. **Individual Cello Instruction.** 1 F, G. Pahtz, Time and place arr.

205. **Special Problems.** F, Staff, Credit, time and place arr.

258. **Seminar in Music Education.** 3 F, M. Dalby, Mu B, Daily 7:30 a.m.

259. **Seminar in Music Theory.** 3 F, A. Dittmer, AH103, Daily 8:40 a.m.

The following classes will be offered July 11-22, as part of the Music Clinic:

154. **Instrument Repair and Maintenance.** 1 F, E. Ericksen, Time and place arr.

163. **Piano Workshop.** 1 F, July 18-19, I. Wassermann, Time and place arr.

221a. **Woodwind Clinic.** 1 F, M. Dalby and Staff, Time and place arr.

221b. **Brass Clinic.** 1 F, A. Wardle, F. Hanson, and Staff, Time and place arr.

221c. **String Clinic.** 1 F, Staff, Time and place arr.

251. **Advanced Choral Methods.** 1 F, R. McCowen, Time and place arr.

252. **Advanced Orchestra Methods.** 1 F, Staff, Time and place arr.


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**Theatre Arts**

20. **Voice for Theatre.** 3 S, Staff, M56, Daily 1:20 p.m.

44. **Fundamentals of Acting.** 3 E, V. Call, M203, Daily 1:20 p.m.

50. **Stagecraft.** 2 E, F. T. Morgan, M51, MTWTh 3:40-5:20 p.m.

52. **Makeup.** 1 S, F. T. Morgan, M Stage, MWF 7:30 a.m.

54. **Children’s Theatre.** 3 F, V. Call, Daily 2:30-3:30 p.m., Place arr.

58. **Stage Costuming.** 3 E, N. E. Gade, M57, Daily 8:40 a.m.

124. **Theatre Workshop.** E, Staff, Credit, time and place arr.

153. **Costume Design.** 3 F, N. E. Gade, M57, Daily 9:50 a.m.

190. **Problems in Drama.** E, Staff, Credit, time and place arr.

192. **Projects in Theatre.** E, Staff, Credit, time and place arr.

194. **Problems of Drama Directors.** 3 F, F. T. Morgan, Daily 8:40 a.m., Place arr.

200. **Seminar in Drama.** E, Staff, Credit, time and place arr.
204. Thesis. E, Staff, Credit, time and place arr.
292. Projects in Theatre. E, Staff, Credit, time and place arr.

Visual Arts

10. Analyzing Contemporary Painting. 3 F, T. Tippetts, M329, Daily 9:50 a.m.
19. Introduction to Metal. 3 F, D. Wright, AB2, Daily 1-2:50 p.m.
19. Introduction to Metal. 3 S, D. Wright, AB2, Daily 7:30-9:40 a.m.
30. Introduction to Ceramics. 3 F, Staff, AB1, Daily 9:50-12 noon.
31. Ceramics. 3 F, Staff, AB1, Daily 9:50-12 noon.
111. Watercolor and Related Media. 3 F, H. Groutage, M331, Daily 7:30-9:40 a.m.
119. Metalsmithing. 3 F, D. Wright, AB2, Daily 1-2:50 p.m.
119. Metalsmithing. 3 S, D. Wright, AB2, Daily 7:30-9:40 a.m.
120. Jewelry Casting. 3 S, D. Wright, AB2, Daily 3-4:50 p.m.
120. Jewelry Casting. 3 S, D. Wright, AB2, Daily 9:50-12 noon.
127. Painting Workshop. 3 S, E. Thorpe, M331, Daily 1-2:50 p.m.
154. Art Education Workshop. F, Reynolds and Staff, Daily 9-12 noon, 1-4 p.m. June 13-July 1, Credit and place arr.
160. Sculpture. 3 F, Staff, AB1, Daily 1-2:50 p.m.
171. Special Studio. E, Staff, Credit, time and place arr.
271. Special Studio. E, Staff, Credit, time and place arr.
272. Art Research, Seminar and Thesis. E, Staff, Credit, time and place arr.

Food and Nutrition
(Enrollment limited, see instructor)

130. New Directions in Meal Management. 2, July 5-15, F. Kinder, FL 101-103, Daily 2-5 p.m.
185. Recent Progress in Human Nutrition. 3 F, E. B. Wilcox, FL 203, Daily 8:40 a.m.

Forest Management

96. Forest Surveying. 3, Staff, Summer Camp, Tony Grove.
97. Forest Practice. 4, Staff, Summer Camp, Tony Grove.
210. Forest Problems. 2-10 E or B, Staff, time and place arr.
211. Thesis. 10-15 E or B, Staff, time and place arr.

Geology
1. Introductory Geology. 5 F, D. R. Olsen, M287, Daily 9:50-12 noon.
118. Geologic Field Course. 8 S, C. T. Hardy, Daily 7:30-5:00, Place arr.
120. Thesis. B, C. T. Hardy, Credit, time and place arr.

Health, Physical Education and Recreation
( Coaching School, June 6-10, 1960)
120a. Football Coaching School. 1, UB, 9 a.m. to 4 p.m.
120b. Basketball Coaching School. 1, P. Newell, UB, 9 a.m. to 4 p.m.
120d. Athletic Training School. 1, Nelson and Burnett, UB, 9 a.m. to 4 p.m. (two hours of credit may be taken in the Coaching School).
145. Alcoholism and Education. 3 F, D. Nelson, G27, Daily 7:30 a.m.
193. Social Recreation Leadership. 3 F, Staff, G30, Daily 1:20 p.m.
197. Program and Facilities of Recreation. 3 F, Staff, G30, Daily 9:50 a.m.

Activity Courses
48. Modern Dance. 1 F, Staff, WG, Daily 8:40 a.m.
48. Modern Dance. 1 S, P. Fuller, Gym, Daily 9:50 a.m.
52. Swimming (elementary). 1 F, Staff, Pool, Daily 9:50 a.m.
60. Body Conditioning (women). 1 F, L. Downs, MG, Daily 9:50 a.m.
61. Archery. 1 F, L. Downs, MG, Daily 8:40 a.m.
61. Archery. 1 S, J. Pearce, Range, Daily 2:30 p.m.
66. Badminton. 1 F, MG, Daily 8:40 a.m.
67. Tennis. 1 F, D. Nelson, Courts, Daily 8:40 a.m.
67. Tennis. 1 F, Courts, Staff, Daily 2:30 p.m.
67. Tennis. 1 S, J. Pearce, Courts, Daily 9:50 a.m.
67. Tennis. 1 S, J. Pearce, Courts, Daily 1:20 p.m.
68. Folk Dancing. 1 F, Staff, WG, Daily 2:30 p.m.

70. Tap Dancing. 1 F, Staff, WG, Daily 9:50 a.m.

73. Golf. 1 F, Staff, G27-Field, Daily 9:50 a.m.

73. Golf. 1 F, L. Downs, G27-Field, Daily 1:20 p.m.

73. Golf. 1 S, D. Guthrie, G27-Field, Daily 1:20 p.m.


Professional Courses

74. Life Saving. 2 S, D. Rasmussen, Pool, Daily 1:20 p.m.

135. Safety Education. 3 S, P. Fuller, G30, Daily 8:40 a.m.

149. Teaching Techniques (Modern Dance). 3S, G. Shurr, Gym, Daily 1:20 p.m.


250. Reading and Conference. S. D. Rasmussen, G25, Credit and time arr.

Activity Courses


49. Modern Dance (intermediate). 1 S, Staff, Gym, Daily 8:40 a.m.

56. Swimming (intermediate). 1 S, D. Guthrie, Pool Daily 8:40 a.m.

103. Composition in Modern Dance. 1 S, Staff, Gym, Daily 11 a.m.

105. Beginning Dance Notation. 1 S, Staff, Gym, Daily 7:30 a.m.

141. Modern Dance Advanced. 1 S, Staff, Gym, Daily 8:40 a.m.

151. Beginning Ballet. 1 S, Staff, Gym, Time arr.

History and Political Science

History

111. Medieval Europe. 3 F, J. D. Brite, M356, Daily 8:40 a.m.

124b. The Reformation. 3 F, J. D. Brite, M356, Daily 9:50 a.m.

137. History of Utah. 3 S, S. G. Ellsworth, M281, Daily 7:30 a.m.

211. Thesis. E, Staff, Credit, time and place arr.

237. Teaching Utah History. 3 F, S. G. Ellsworth, M281, Daily 7:30 a.m.

239. Readings and Conference. E, Staff, Credit, time and place arr.

Political Science

101. American Foreign Policy. 3 S, W. B. Anderson, M353, Daily 11 a.m.

102. International Political Relations. 3 S, W. B. Anderson, M353, Daily 8:40 a.m.

125. Political Parties and Practical Politics. 3 F, M. J. Harmon, M281, Daily 9:50 a.m.

126. Soviet Government and Politics. 3 F, M. J. Harmon, M354, Daily 7:30 a.m.

203. Readings and Conference. E or B, Staff, Credit, time and place arr.

211. Thesis. E or B, Staff, Credit, time and place arr.
Social Science

5. General Geography (Europe). 3 F, E. L. Peterson, AgS 137, Daily 7:30 a.m.


106. Geopolitics (Africa-Asia). 3 F, E. L. Peterson, AgS 137, Daily 8:40 a.m.

107. Geopolitics-The Americas. 3 S, E. L. Peterson, AgS 137, Daily 8:40 a.m.

Homemaking Education

199. Special Problems in Home Economics Education. 1-2 B, V. H. Harder, FL 207, Time arr.


215. Teaching Equipment and Management in Homemaking in the Secondary Schools. 2 F, N. White, Daily 1-5 p.m., Place arr.

Horticulture

(Enrollment limited, see department head)

156. Special Problems. 1-3 E. Staff, AgS 204, Time arr.

Industrial and Technical Education

13. Driver Training. No credit F, O. Slaugh, T7, Daily 2:30 p.m.

104. Occupational Analysis. 3 S, C. R. Bartel, MA219, Daily 7:30 a.m.


114. Problems in Driver and Safety Education. 4 S, O. Slaugh, T7, MTWTh 2:30-4:40 p.m.

118. General Safety Education. 3 F, C. R. Bartel, MA 219, Daily 9:50 a.m.

146. Electronics for Teachers. 3 F, Staff, MA 162, Daily 8 a.m. to 4 p.m., June 6-17.

146. Electronics for Teachers. 3 S, W. J. Farr, MA 162, Daily 1:20-3:30 p.m.

167. Special Problems in Industrial Education. E, W. E. Mortimer, MA 104, Credit and time arr.

176. Modern Trends in Woodwork. 3 F, W. Mortimer, MA 158, Daily 1:20-3:30 p.m.

180. Industrial Arts for Elementary Schools. 3 S, C. R. Bartel, MA 122, Daily 1:20-3:30 p.m.

181. Trends in Industrial Education. 3 F, Staff, June 1-14 (Special workshop at the Salt Lake Trade Technical Institute).

181. Trends in Industrial Education. 3 S, W. J. Farr, MA 219, Daily 8:40 a.m.

182. General Shop Laboratory. 3 S, W. E. Mortimer, MA 158, Daily 1:20 p.m.

207. Philosophy of Vocational Education and Practical Arts. 3 S, W. E. Mortimer, MA 220, Daily 9:50 a.m.

209. Course of Study Building in Industrial Education. 3 F, C. R. Bartel, MA 219, Daily 7:30 a.m.

251. Administration and Supervision of Industrial Education. 3 F, W. E. Mortimer, MA 220, Daily 9:50 a.m.
254. Measurement in Industrial Education. 3 F, W. E. Mortimer, MA 219, Daily 8:40 a.m.


270. Seminar in Industrial Education. 2 S, C. R. Bartel, MA 219, MTWTh 11 a.m.


**Landscape Architecture**

135. Travel Course, 4 F, A. C. Tocher, June 8-July 18, 1960.

**Library Science**

120. Technical Library Processes. 3 F, Staff, TJ6, Daily 8:40 a.m.

150. Library Administration. 3 F, Staff, EB14, Daily 1:20 p.m.

155. Book Selection. 3 F, Staff, TJ6, Daily 2:30 p.m.

170. Readings-Conference. E or B, Staff, TJ6, Credit and time arr.

**Mathematics**


34. Introduction to College Algebra. 3 F, R. G. Hammond, M281, Daily 8:40 a.m.

97. Analytical Geometry and Calculus. 5 B, W. Pope, E205, Daily 7:30 a.m.

110. Calculus and Differential Equations. 5 B, W. Pope, E205, Daily 9:50 a.m.

**Physics**

103a. Modern Physical Science. F, J. O. Jensen, W108, Credit and time arr. (Enrollment limited, see instructor)

103b. Modern Physical Science. S, J. O. Jensen, W108, Credit and time arr. (Enrollment limited, see instructor)

188. Special Problems in Experimental Physics. E, Staff, Credit, time and place arr.

250. Research in Physics. E, Staff, Credit, time and place arr.

**Psychology**

53. Elementary General Psychology. 5F, J. T. Tedeschi, MA 218, Daily 8:40-10:50 a.m.

100. Human Growth and Development. 3 S, J. T. Tedeschi, MA220, Daily 8:40 a.m.

102. Educational Psychology for Secondary Teachers. 3 F, D. R. Stone, M280, Daily 7:30 a.m.

108. Educational Psychology for Elementary Teachers. 3 F, E. Himes, M225, Daily 9:50 a.m.

112. Application of Statistics to Education and Psychology. 3 F, H. C. Sharp, M281, Daily 1:20 p.m.

123. Psychology of Exceptional Children. 3 S, H. C. Sharp, M280, Daily 7:30 a.m.

**Poultry**

(Enrollment limited, see department head)

125. Special Problems. B, Staff, Credit, time and place arr.

161. Social Psychology. 3 S, J. T. Tedeschi, M287, Daily 11 a.m.

183. Theory and Techniques of Counseling. 3 S, E. W. Wright, M280, Daily 8:40 a.m.

200. Principles of Learning and Teaching. 3 S, D. R. Stone, M280, Daily 8:40 a.m.

202. Psychology of Adolescence. 3 F, G. Christensen, FL101, Daily 7:30 a.m.

205. Child Psychology and Development. 3 F, G. Christensen, FL101, Daily 11 a.m.

212. Treatment of Psychometric Results. 3 S, W. Borg, M280, Daily 11 a.m.

217. Thesis in Psychology. E, Staff, M175, Credit and time arr.

280. Personality. 3 S, H. C. Sharp, M283, Daily 9:50 a.m.

281. Psychometrics Applied to Guidance. 3 F, G. Pierson, M280, Daily 8:40 a.m.

287. Occupational Information. 2 F, H. C. Sharp, M280, Daily 12:10 p.m.

Guidance Institute Courses

225. Characteristics and Education of Gifted Child. 3 F, R. D. MacCurdy, M80, Daily 8:40 a.m.

247. Seminar in Guidance of Superior Adolescents. 1 F, E. W. Wright, M280, T 1:20-3:30 p.m.

283. Identification and Counseling Superior Adolescents. 3 F, G. Pierson, M280, Daily 9:50 a.m.

288. Practicum in Testing and Counseling Superior Adolescents. 2 F, E. W. Wright, M280, M/WThF 1:20 p.m. to 3:30 p.m.

Range Management


150. Management of American Ranges. 2 E, T. W. Box, F & B 27, Daily 8:00 a.m.

152. Multiple Use of Rangelands. 2 E, T. W. Box, F & B 27, Daily 8:00 a.m.

153. Research Methods in Range Management. 2 E, T. W. Box, F & B 27, Daily 8:00 a.m.

154. Seminar in World Range Problems. 2 E, T. W. Box, F & B 27, Daily 7:00 p.m.


Sociology and Social Work


105. Anthropology and Education. 3, June 13-29, D. Lee, F & B Arr., Daily 8:40 a.m.

142. Women's Role in Community Development. 3, July 18-30, Y. Forker, F & B Arr., Daily 7:30-9:30 a.m.

154. Population Problems. 3 F, A. Pennock, M204, Daily 7:30 a.m.

177. Workshop on Crime and Delinquency. 1, July 13, 14, 15, Staff, F & B Arr., Time arr.


Speech
4. Principles of Reading. 3 F, B. F. Hansen, M204, MWF 8:40 a.m.
7. Voice and Articulation Improvement. 3 S, P. W. Newman, M80, MWF 8:40 a.m.
21. Intermediate Public Speaking. 3 F, B. F. Hansen, M204, MWF 9:50 a.m.
167. Fundamentals of Speech Disorders. 3 S, P. W. Newman, M80, MWF 1:20 p.m.

Wildlife Management
99. Wildlife Practice. 1 Summer Camp, G. H. Kelker, Time arr.
170. Wildlife Problems. E or B, Staff, Time, place and credit arr.
210. Advanced Field Problems. E or B, Staff, Time, place and credit arr.
270. Research and Thesis. E or B, Staff, Time, place and credit arr.

Zoology, Entomology, and Physiology

Entomology
210. Special Problems. E or B, Staff, Credit, time and place arr.
250. Research and Thesis. E or B, Staff, Credit, time and place arr.

Physiology
4. Human Physiology. 5 S, G. H. Linford, P105, Daily 7:30-9:50 a.m.
200. Special Problems. E or B, Staff, Credit, time and place arr.
260. Research and Thesis. E or B, Staff, Credit, time and place arr.

Zoology
1. Principles of Biology. 5 F, G. H. Linford, P105, Daily 7:30-9:50 a.m.
201. Special Problems. E or B, Staff, Credit, time and place arr.
240. Research and Thesis. E or B, Staff, Credit, time and place arr.
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MAJORS NOT UNDER SPECIFIC DEPARTMENTS
Summer School Fees

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*Includes $10 registration fee

Special Fees

Late Registration Fee: $5 beginning second day after the first meeting of class, additional $1 for each additional day, up to 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

Students may register for 9 hours either session or 18 hours for both sessions without paying excess registration fees.

Special Students: $10

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

Auditor's Fee (per course): $10

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

Coaching School, Fee $14, plus $3 per credit, (maximum of 2 credits for school): $20

P.E. 176—Camping Trip, Total: $26

Equipment Rental $8, Equipment Packing $8, Transportation $10.

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

Music Clinic (non-credit), Fee $7.50, Activity Fee $2.50........$10

Graduation Fee: $10

Master's Degree, for Binding and Proofing Thesis: $5

Qualifying Examination in Graduate School: 1 part $5, 2 parts $6.

College of Business and Social Sciences—For use of business machines $2. 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

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

Enrollment in Demonstration School, per child: $5

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.
Admission to Summer School is granted without advance application. New students, however, will complete an application for admission form before receiving a registration packet. If you expect to become a candidate for a degree, you should be prepared to meet regular admission 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 transcripts will then show that you are enrolled in the School of Graduate Studies and that all courses numbered over 100 may carry graduate credit.

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 points, “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 pro-
gram and approve the courses you will take. Courses numbered below 100 may be taken only upon recommendation of your graduate committee.

Summer School Services

Demonstration School

The Edith Bowen School will operate as a demonstration school during the first session, June 13 to July 15. Four class groups will be included: One section of kindergarten children, one section of first and second grade, one section of third and fourth grade, and one section of fifth and sixth grade. Parents desiring to enroll their children in the school are asked to write to Principal Arthur D. Jackson. Registration fee is $5 per child.

Food Service

The cafeteria provides wholesome and tasty food at reasonable prices. It will be operated during both summer sessions. 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.

Student Union

The informal atmosphere of the spacious 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.

Student Health Service

Facilities of the Student Health Service will be available to Summer School students. These consist of the services of a registered nurse and a physician in the Health Center located in room 1 of the Union Building, and are limited to such medical care as that customarily rendered in a doctor’s office. The following services are available: Consultation on health matters; office care for minor emergencies; initial care and first aid treatment for serious emergencies; medical advice as to need of further consultations and specialized treatment in the more difficult problems beyond the scope of the Health Service; and such routine inoculations and immunizations as may be required.

House calls will be made during normal office hours, if requested at the Health Service. Calls made after hours will be charged for at the rate of $2 per call.

Office hours: 9:00 to 11:00 a.m. each week day, except Saturday.

Other hours by appointment.

Services of a private physician, or of the hospital, are at the student's own expense.

It is highly recommended that students purchase the voluntary accident and sickness insurance available to them as a protection against expensive medical care that might be needed beyond the limitations of that which can be provided by the Student Health Service.

Summer School Visiting Faculty

The visiting faculty at USU National Summer School will include about fifty men and women with national reputation from various universities and in the several professions. The visiting faculty is supported by selected resident members from the various colleges on campus.

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

Norman S. Anderson
Private psychiatrist-psychoanalyst
Salt Lake City, Utah
(Family Living and Child Development)

Harry Elmer Barnes
Malibu, California
(Sociology)

Glenn Barnett
Associate Dean, College of Education
University of Texas
Austin, Texas

Clifford Bebell
Director, Division of Elementary and Secondary Education
State of Colorado
Denver, Colorado
(Education)

Mildred Hoyt Bebell
Associate Professor of Education
University of Denver
Denver, Colorado
(Education)

Harry Crosby
Chairman, Division of Communications
Boston, Massachusetts
(English and Journalism)

Lee Y. Dean
Principal, Franklin Junior High School
Vallejo, California
(Education)

C. L. Durrance
Professor of Education and Director of Secondary Internship
University of Florida
Gainsville, Florida
(Education)

Wilbur J. Farr
Assistant Professor
Long Beach State College
Long Beach, California
(Industrial and Technical Education)

Ysabel Forker
Chairman of Status of Woman Committee
American Association of University Women
(Sociology)
Edward Fry
Director, Reading
Loyola University of Los Angeles
Los Angeles, California
(Education)

Nicholas Furjanick
Woodrow Wilson High School
Long Beach, California
(Fine Arts)

Harold Hand
College of Education
University of Illinois
Urbana, Illinois
(Education)

Faye Kinder
Associate Professor
Food and Nutrition Department
Michigan State University
East Lansing, Michigan
(Education)

Dorothy Lee
Cultural Anthropology
Harvard University
(Sociology)

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

Mildred I. Morgan
Professor, Home and Family Life
School of Home Economics
Florida State University
Tallahassee, Florida
(Family Living and Child Development)

Peter F. Newell
Basketball Coach
University of California
Berkeley, California
(Health, Physical Education and Recreation)

Eli Oboler, Librarian
Idaho State College
Pocatello, Idaho
(Library Science)

Ara Parseghian
Football Coach
Northwestern University
(Physical Education)

George A. Pierson
Dean of Students
Queen’s College
Douglaston, New Jersey
(Psychology)

Ray G. Price
College of Education
University of Minnesota
(Business Education)

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

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

A. Lamont Smith
Executive Officer
National Commission on Teacher Education and Professional Standards
Washington 6, D. C.
(Education)

Rachel Yocom, Director of Dance
New York School of Performing Arts
(Fine Arts)

Nell White, Professor
Department of Home Management and Family Economics
School of Home Economics
Purdue University
Lafayette, Indiana
(Homemaking Education)
Summer School Housing

Living Accommodations

The University provides student housing facilities for single men, single women, and married students, in residence halls on 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 houses in the community. Prospective Summer School students desiring reservations should fill out and mail the Application for Summer School Housing Reservation in this catalog. Dogs, cats and other pets are not allowed in University housing. The following housing facilities are available on the University campus:

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 room, recreation room, sun decks, and laundry rooms are shared. Ample storage space is provided. Maid service is not provided. The tenant is required to clean unit before checking out or forfeit application fee. Lights and bedding furnished. Charges per person are:

- Daily Rate: $3
- First night, $2.50 each night thereafter
- Weekly Rate: $15
- 1 person per bedroom (3 per apartment)
- 2 persons per bedroom (6 per apartment)

Each Summer Session:

- June 13 to July 15: $50
- 1 to a bedroom (3 per apartment)
- July 18 to August 19: $40
- 2 to a bedroom (6 per apartment)

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

Each Summer Session:

- June 13 to July 15: $80
- Couple without children
- July 18 to August 19: $120
- Couple with 1 to 4 children

Lund Hall

Lund Hall is a conventional residence hall for women. Bedding, desks, desk lamps, two beds per
room, and individual closets are provided. Maid service is not provided. Towels, personal effects are not provided. Community bathing facilities are available to each group of eight rooms. Meals are available in the Student Union Cafeteria.

Charges per person are:
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<td>1 person per bedroom</td>
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Richards Hall

Richards Hall is a conventional residence hall for men. Four bedrooms per suite. Maid service not provided. Towels, personal effects not provided. Bedding, desks, desk lamps, two beds per room, and individual closets are 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:
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<tr>
<td>Weekly Rate</td>
<td>$10</td>
</tr>
<tr>
<td>2 persons per bedroom</td>
<td></td>
</tr>
<tr>
<td>1 person per bedroom</td>
<td>$15</td>
</tr>
<tr>
<td>Session Rate:</td>
<td>$40</td>
</tr>
<tr>
<td>2 persons per bedroom</td>
<td></td>
</tr>
<tr>
<td>1 person per bedroom</td>
<td>$50</td>
</tr>
</tbody>
</table>

University Apartments

These accommodations are combination living-room-kitchen-study arrangements with bedroom, bathroom, and clothes closets. Refrigerator, hotplate, basic furniture are furnished. Electricity, cooking utensils, bedding, dishes, window curtains, and other personal effects are not provided. The University provides coin-metered washing machines and clothes dryers.

Charges per person are:
<table>
<thead>
<tr>
<th>Weekly Rate</th>
<th>$1.50</th>
</tr>
</thead>
<tbody>
<tr>
<td>first night, $1 each night thereafter</td>
<td></td>
</tr>
<tr>
<td>Weekly Rate</td>
<td>$7.00</td>
</tr>
<tr>
<td>Monthly Rate</td>
<td>$30.00</td>
</tr>
<tr>
<td>Session Rate</td>
<td>$35.00</td>
</tr>
<tr>
<td>Family Rate:</td>
<td>$1.50</td>
</tr>
<tr>
<td>first night (per person), $1 each night thereafter. Electricity furnished.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Unfurnished</th>
<th>Furnished</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monthly Rate</td>
<td>$30</td>
</tr>
<tr>
<td>Electricity Charge Not Included</td>
<td></td>
</tr>
<tr>
<td>½ month</td>
<td>$15</td>
</tr>
<tr>
<td>Electricity Charge Not Included</td>
<td></td>
</tr>
<tr>
<td>Each session</td>
<td>$40</td>
</tr>
<tr>
<td>Electricity Charge Not Included</td>
<td></td>
</tr>
<tr>
<td>Refrigerator, if available, $4 per month</td>
<td></td>
</tr>
</tbody>
</table>

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 washing machines and clothes dryers. No provision is made for use of privately owned laundry equipment.

Rental charges: $20 per session.

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
Utah State University

Instructions:

Please print or typewrite. A deposit of $25 for dormitory or apartment accommodations must accompany this application. In the event that you are unable to come, notify us by June 1, and a refund will be granted.

Date ..................................................

Applicant’s full name ..........................................................

Present address ...........................................................................

Tel. No....................... Marital status........... Age..... Sex.............

Applicant’s year in college ...............................................

Type of Housing desired:

Housekeeping:.............. Single................. Couple...............

Family ......................... (No. of Children) ................................

Non-housekeeping: ............... Bedroom shared...........................

Private bedroom .................

Dates of period for which applying:

From .................................................. to ........................................

Check for $25 enclosed...................... Money order.......................

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

Signature of applicant ..........................................................

—40—
Two minutes east of the USU campus begins Logan canyon one of the most scenic canyons in the United States. Among its features is Tony Grove lake (above). Just a days drive through the canyon is Fishing Bridge in Yellowstone (below), a favorite place for fishing and camping.

Photos: Courtesy Union Pacific
UTAH STATE UNIVERSITY, LOGAN

1960 SUMMER SCHOOL FEATURES INCLUDE

• National Science Foundation Institute – June 13 - August 19

• L. D. S. Tabernacle Choir – June 20

• Language Institute – June 13 - July 22

• Elementary Art Workshop – June 13 - July 1

• Annual Summer Music Festival and Clinic – July 11-22

• Workshop in Crime Prevention – July 13-15

• Young American Theatre – July 15 - August 19

• 34th Annual National Coaching School, featuring Basketball, Football, Baseball, and Athletic Training – June 6-10

• Workshop in Food and Nutrition – July 4-15

• Workshop in Secondary School Administration – June 6-10

• Workshop in Conservation Education – June 14 - July 15