

*Supplement to*

**The**  
**SUMMER PROGRAMS**

**1943**

*University of Kansas*



**PHYSICAL CONDITIONING**

**Men**

All men enrolled at the University, other than those excused from the requirement by the Physical Conditioning Administrative Committee of the Senate, are required to enroll in 3 hours of physical conditioning each full semester.

Men at this institution who are in any armed service program, either on active or inactive duty, will follow the regulations concerning physical conditioning set forth by their particular program.

University credit for physical education will be given in accordance with the ruling of the various schools of the University.

All men will enroll in one of the sections of the conditioning course. During the first week of the Summer Semester tests will be given to those men who have not passed their swimming test, and those who cannot pass the test will be placed in a beginning swimming class.

Students in the College, the School of Engineering, the School of Education, and the School of Fine Arts will enroll in Physical Conditioning at a table in the hallway near Room 229, Frank Strong Hall. Other students will enroll in the offices of the Deans of their schools. The schedule of the physical conditions classes is given below, and enrollments in the classes

should be made after the regular academic program has been determined.

The minimum enrollment of 40 in each class will be necessary.

<i>Section</i>	<i>Time</i>	<i>Days</i>	<i>Room</i>
Naval Air Cadets	7-8:30	MTWTFS	200 R.
A	7:30	MWF	"
B	7:30	MTWTF	"
C	8:30	MWF	"
D	8:30	MTWTF	"
E	9:30	MWF	"
F	9:30	MTWTF	"
G	10:30	MWF	"
H	10:30	MTWTF	"
I	11:30	MWF	"
J	11:30	MTWTF	"
K	3:30	MWF	"
L	3:30	MTWTF	"
M	4:30	MWF	"
N	4:30	MTWTF	"
Naval Air Cadets	5-6:30	MTWTFS	"

### Women

Women students enrolling for the first time at the University of Kansas are required to enroll in two semesters of physical conditioning. The program is optional for all other University women.

Any woman student who has advanced standing credit from another accredited institution for two semesters of physical education will be excused from taking the required two semesters of physical conditioning at this institution.

Women students will enroll in Physical Education at the same places as those listed in the preceding section for men students.

Elem. Swimming	1	2:30-3:20	TT	Pool
Inter. Swimming	1	3:30-4:20	TT	"
Elem. Equitation	1	3:30	MW	204 R.
Elem. Equitation	1	4:30	TT	204 R.
Inter. Equitation	1	3:30	TT	204 R.
Adv. Equitation	1	4:30	MW	204 R.
Recreational Swimming	0	4:30	TT	Pool

### ALL-UNIVERSITY CONVOCATION

An all-university Convocation, at which the Chancellor will speak, will be held on Wednesday, May 26, at 10:00 o'clock in Fraser Theater. The schedule of classes for the morning of May 26 will be changed to allow for this Convocation, the schedule being as follows:

7:30 hour to be	7:30- 8:10
8:30 hour to be	8:20- 9:00
9:30 hour to be	9:10- 9:50
Convocation	10:00-10:40
10:30 hour to be	10:50-11:30
11:30 hour to be	11:40-12:20

# CHANGES AND ADDITIONS

## IN ENROLLMENT SCHEDULES

### REGULAR SUMMER SEMESTER (16 Weeks)

(May 22-September 11)

#### Bacteriology

The class in 150M Pathogenic Bacteriology (8 weeks beginning May 18) will meet on Saturdays from 7:30 to 10:20 as well as on other days announced.

The class in 151 Medical Immunology (8 weeks beginning May 18) will meet on Saturdays from 10:30 to 12:20 as well as on other days announced.

The class in 154 Diagnostic Bacteriology is scheduled 7:30-9:20 MTWTF instead of as previously announced.

The class in 260 Hematology is scheduled 9:30-11:20 MTWTF instead of as previously announced.

#### Chemistry

The class in 172 Physical Chemistry II will meet on MWF instead of TTS as previously announced.

#### Economics

Course 1, Introductory Economics, is offered for 5 hours credit instead of for 3 hours.

Course 5, Price and Distribution, is not open to freshmen.

#### Education

The class in A50 Introduction to School Administration will meet at 7:30 on TT, and the class in P50 Education Psychology will meet at 9:30 MWF.

#### English

A new section of English Composition 1 will be offered, and is scheduled as follows:

1C English Comp.                      3 hrs.    7:30    MWF    311 F    .....

#### Journalism

The following graduate courses in Journalism will be offered during the regular Summer Semester and the Summer Session:

300 Seminar in History and Prin. of Journalism	2-5 hrs. cr.	Appt.	Beth
305 Seminar in Advertising	2-5 hrs. cr.	Appt.	Beth
310 Thesis	2-5 hrs. cr.	Appt.	Beth
315 Investigation and Conference	1-5 hrs. cr.	Appt.	Beth

#### German

The class in 1 Elementary German will meet in Room 310 F. instead of in Room 301 F.

#### Romance Languages

The class in Elementary Spanish 1 will meet at 1:30 MTWTF in 109 F.S. instead of as scheduled.

### **Sociology**

Social Science Survey 15 and Sociology 154 and 164 will be conducted by Professor Eldridge instead of by Professor McCluggage.

Note that Social Science Survey 15 is not, strictly speaking, a departmental course but is classified under the heading of Social Science.

### **Zoology**

Withdrawn: 160, Parasitology (first eight weeks) (beginning May 18).

Parasitology 160 now scheduled at 8:30 M and 8:30-10:20 WF will meet instead at 10:30 M and 10:30-12:20 WF.

## **REGULAR SUMMER SESSION (8 Weeks)**

(June 14-August 7)

### **Journalism**

Note that courses 300, 305, 310, and 315 in Journalism will be open to graduate students in the Summer Session if there is demand for the work.

### **Zoology**

The following graduate courses in Zoology will be offered to students during the Summer Session as well as during the regular Summer Semester:

300 Thesis	1-5 hrs. cr.	Appt.	Staff
305 Graduate Seminar	1-5 hrs. cr.	Appt.	Staff
325 Graduate Research	1-5 hrs. cr.	Appt.	Staff

## **INTERIM FIVE-WEEKS' PROGRAM**

(May 22-June 26)

### **Chemistry**

Under Chemistry 3E as scheduled the laboratory period on Saturday morning should be changed to 1:30-4:20 MWF.

Organic Chemistry 161 will be offered as scheduled below:

161 Organic	Lect.							
Chemistry I	3 5	8:00- 9:20	MTWTF	201	BCL	Brewster		
		Lab.						
		9:30-12:20	MTWTF	201	BCL	Brewster		

### **Economics**

The class in Economics 144, Transportation, will meet in Room 109 M instead of 119 F.S.

### **Shop Work**

Shop work will be offered in the following courses: S.P. I, S.P. II, S.P. III, S.P. IV, S.P. V, S.P. VI, S.P. VII, and S.P. VIII. Inquiry regarding these courses should be made at the office of the Dean of the School of Engineering.

## **"REFRESHER" COURSE FOR TEACHERS OF H. S. MATHEMATICS**

(May 22-June 18)

The first meeting of the "refresher" class will be held at 9:30 a.m. Wednesday, May 26, in Room 2 (basement), University High School.

SUMMER SEMESTER

1943

92 00

TOWEL ROOM

Supervisor (fulltime) 4 mos. @ \$75. mo. . . . .	\$300.00	
Student attendants 800 hours for 16 weeks @ 35¢ per hour . . . . .	\$280.00	
(10 hours a day, 5 days a week)		
(Beginning July 1, towel room will be open 6 days a week . . . . .	<u>200.00</u>	\$480.00

INTRAMURALS

Student Assistance (\$20.00 mo.) . . . . .	\$80.00	
Typist (\$12 - \$15 mo.) . . . . .	50.00	
Maintenance of Playgrounds (including 16 tennis courts - \$1.00 per day to roll and mark) . . . . .	<u>400.00</u>	\$530.00

SWIMMING POOL

Life Guards (10 hrs. per week, 16 weeks) . . . . .	56.00	
		<u>\$1366.00</u>

\* 750. Act.

## PHYSICAL CONDITIONING

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Men at this institution who are in any armed service program, either on active or inactive duty, will follow the regulations concerning physical conditioning set forth by their particular program.

University credit for physical education will be given only for the regular sixteen weeks Summer Semester, and in accordance with the ruling of the various schools of the University.

All men will enroll in one of the sections of the conditioning course. During the first week of the Summer Session tests will be given to those men who have not passed their swimming test, and those who cannot pass the test will be placed in a beginning swimming class.

### Women

Women students enrolling for the first time at the University of Kansas will be required to enroll in two semesters of physical conditioning. The program is optional for all other University women.

Any woman student who has advanced standing credit from another accredited institution for two semesters of physical education shall be excused from taking the required two semesters of physical conditioning at this institution.

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University credit for physical education will be given only for the regular sixteen weeks Summer Session, and in accordance with the ruling of the various schools of the University.

All men will enroll in one of the sections of the conditioning course. During the first week of the Summer Session tests will be given to those men who have not passed their swimming test, and those who cannot pass the test will be placed in a beginning swimming class.

Enrollment in physical conditioning will take place at 8 a.m. on Tuesday, May 25, in room 107 Robinson Gymnasium (Intramural Office), west entrance of gymnasium. A minimal enrollment of 40 in each class will be necessary.

Section	Time	Days	Room
Naval Air Cadets	7 - 8:30	MTWTF	200 R.
A	7:30	MWF	"
B	7:30	MTWTF	"
C	8:30	MWF	
D	8:30	MTWTF	
E	9:30	MWF	
F	9:30	MTWTF	
G	10:30	MWF	
H	10:30	MTWTF	
I	11:30	MWF	
J	11:30	MTWTF	
K	3:30	MWF	
L	3:30	MTWTF	
M	4:30	MWF	
N	4:30	MTWTF	
Naval Air Cadets	5 - 6:30	MTWTF	

### Women

Women students enrolling for the first time at the University of Kansas will be required to enroll in two semesters of physical conditioning. The program is optional for all other University women.

Any woman student who has advanced standing credit from another accredited institution for two semesters of physical education shall be excused from taking the required two semesters of physical conditioning at this institution.

Enrollment in physical conditioning for women will take place at 8 a.m. on Tuesday, May 25, in room 106 Robinson Gymnasium, east entrance of gymnasium.

Course	Credit	Time	Days	Room
Square & Folk Dance	1	2:30	MWF	104 R.
Recreational Sports	1	3:30	MWF	104 R.

Elem. Swimming	1	2:30-3:20	TT	Pool
Inter. Swimming	1	3:30-4:20	TT	"
Elem. Equitation	1	3:30	MW	204 R.
Elem. Equitation	1	4:30	TT	204 R.
Inter. Equitation	1	3:30	TT	204 R.
Adv. Equitation	1	4:30	MW	204 R
Recreational Swimming	0	4:30	TT	Pool



The  
Summer  
Programs

1 9 4 3

at the  
University of Kansas



# THE SUMMER PROGRAMS, 1943

<b>Regular Summer Semester</b> (16 weeks) (May 22—September 11)	Page
- - - - -	14-19
<b>Engineering Summer Semester</b> (16 weeks) (July 1—October 21)	
- - - - -	20
<b>Regular Summer Session</b> (8 weeks) (June 14—August 7)	
- - - - -	21-26
<b>Special Summer Short Programs:</b>	
<b>Interim Program Primarily for Engineering and V-1 and V-7 Students</b> (5 weeks) (May 22—June 26)	
- - - - -	27-28
<b>"Refresher" Course for Teachers of H. S. Mathematics</b> (May 24—June 18)	
- - - - -	28
<b>Special Courses for Social Workers</b> (See Home Economics, footnote, p. 24, and Sociology, p. 26).	
- - - - -	24, 26
<b>Red Cross Courses</b>	
- - - - -	26
<b>Special Courses for Certain Medical Students</b> (Inquire of Dr. O. O. Stoland, Secretary, School of Medicine, 104 Haworth Hall).	

The fall semester of 1943, for all schools and divisions of the University, except the School of Engineering and Architecture, will open with the orientation program on September 23. The fall semester in the School of Engineering and Architecture will open November 1.



## **A General Statement About the Summer Programs**

The academic work to be offered during the summer of 1943 is more extensive than that of previous summers, owing to the military needs of the day. For the first time a regular summer semester (May 22—September 11) has been planned, allowing those in the armed forces, and others on an accelerated schedule, to continue with their studies on a twelve-months-a-year basis. The School of Engineering and Architecture, however, will not start its summer semester until July 1, as the result of the assignment at that date of a group of naval Engineering students who will hereafter form an important part of the student body of the school; but for V-1 and V-7 students, and Engineering students with deficiencies to make up, as well as for entering students in Engineering who are deficient in mathematics or who wish to get an early start on their work, a special five-weeks' interim program (May 22—June 26) has been provided.

As during previous summers, there is to be a regular Summer Session (eight weeks in length), designed especially to serve the needs of teachers in the public schools who may wish to continue their training, and those of other classes of graduate students. Work is also offered for students in the College of Liberal Arts and Sciences and in the School of Fine Arts—particularly for beginning students in these two divisions who desire to earn some credits before the fall semester but who cannot attend the entire summer semester.

Several short independent courses have been organized for particular classes of students who, for one reason or another, cannot do needed work in courses otherwise offered.

Questions about the summer programs which are not answered in the pages which follow should be addressed to the Registrar of the University, Dr. Laurence C. Woodruff, or to the dean of the school concerned.

### SCHOOLS OF THE UNIVERSITY

During the summer of 1943 work is offered in all the Schools of the University, which are:

SCHOOL OF BUSINESS (F. T. STOCKTON, DEAN)

THE COLLEGE OF LIBERAL ARTS AND SCIENCES  
(P. B. LAWSON, DEAN)

SCHOOL OF EDUCATION (J. W. TWENTE, DEAN)

SCHOOL OF ENGINEERING AND ARCHITECTURE  
(J. J. JAKOSKY, DEAN)

SCHOOL OF FINE ARTS (D. M. SWARTHOUT, DEAN)

THE GRADUATE SCHOOL (E. B. STOUFFER, DEAN)

SCHOOL OF LAW (F. J. MOREAU, DEAN)

SCHOOL OF MEDICINE (H. R. WAHL, DEAN)

SCHOOL OF PHARMACY (J. A. REESE, DEAN)

The enrollment schedules of most of these schools have been merged in the following pages, the primary allocations of credit being indicated in a right-hand column after each course under the heading "Primarily for credit in."

Because it has not yet been completed, the Engineering Summer Semester schedule (beginning on July 1) is not included, nor is that of the School of Medicine beyond the first year and a half—which is of interest only to those who have already been admitted to the School and hence who already have access to it.

Inquiries about the program of any school should be made directly to the dean of the school concerned.

### OPPORTUNITIES FOR ENTERING FRESHMEN

Ample provisions have been made in the summer of 1943 for students entering the University for the first time as freshmen. The College of Liberal Arts and Sciences will offer general work for those interested in securing a broad, liberal training leading to the A. B. degree, or who plan to work for the B. S. degree in one of the College fields; for those not yet sure of their major fields of interest; and for pre-medical, pre-education, pre-business, pre-law, and pre-nursing students. Freshmen are also admitted to the School of Fine Arts, the School of Pharmacy, and the School of Engineering. In the last named division (as has already been

pointed out) the summer semester does not begin until July 1. The short five-weeks' program for Engineering students and others, however, contains work for freshmen.

Particular attention is called to the fact that most of the courses in the School of Fine Arts are offered, not during the Regular Summer Semester, but during the eight-weeks' Summer Session.

### **ADMISSION REQUIREMENTS AND REGISTRATION**

Details regarding admission to the several schools of the University are to be found in Part I of the University Catalogue, "General Information." Copies of this catalog may be secured by writing the Registrar, 122 Frank Strong Hall. All questions concerning admission to the University should be addressed to the Registrar.

Before any student may enroll in any class he must also register, that is, fill out a required body of information cards, at the office of the Registrar. First registration is called matriculation (see "Matriculation Fee" under FEES below).

For the Regular Summer Semester registration will be on Monday, May 24; for the Summer Session on Monday, June 14; and for the short programs on the first day of the announced period for the program in question.

### **LIVING ACCOMMODATIONS**

#### **For Women**

Detailed information regarding the various types of living accommodations and of costs for women students may be secured from the Office of the Adviser of Women, 104 Fraser Hall. By action of the Board of Regents occupancy of rooms by women students shall be subject at all times to the approval of the Adviser of Women. Women students are not permitted to lodge in houses in which men also lodge, unless for special reasons the rule is waived by the Adviser of Women. Women students may live in apartments only by special permission of the Adviser of Women, who must approve their chaperon.

The University dormitories, Corbin Hall, Watkins Hall, and Miller Hall, will be open for the sixteen weeks' period from May 22 to September 11. Reservations for both the Regular Summer Semester and the eight-weeks' Summer Session will be made in

Corbin Hall and Watkins Hall. Reservations in Miller Hall will be made for the Regular Summer Semester only.

Corbin Hall will offer single and double rooms and two meals daily (breakfast and evening dinner). The rate for a share in a double room and two meals daily for sixteen weeks is \$114.00, payable in two installments; for a single room and meals for the same period \$124.00. Rates for these accommodations for eight weeks will be one-half the quoted figures, payable at the time of enrollment.

Watkins Hall will be operated as a residence hall. No meals will be served, but the privilege of using the kitchen may be obtained by paying \$5.00 for eight weeks or \$10.00 for sixteen weeks. Rooms in the Hall rent for \$20.00 for eight weeks, \$40.00 for sixteen weeks.

Miller Hall will be operated as a cooperative house for students who are partially self-supporting. Approximate cost for food and lodging will be \$15 a month.

Two cooperative houses, organized by women students and approved by the Adviser of Women, will continue to operate at low cost through the summer. Additional cooperative houses can be provided if there is sufficient demand for cooperative living.

Housing facilities are also available in private homes, church residence halls, and organized students' rooming houses. There are adequate and economical accommodations for Summer Session students.

### **For Men**

Information regarding the various types of living accommodations and costs for men students may be secured from the office of the Men Students' Adviser, which is the authorized rooming agency for men in the University. This office, in Room 1, Frank Strong Hall, is open throughout the summer. Students are urged to make use of this service.

Battenfeld and Templin Halls will be operated on a scholarship basis, as they have been in the past three regular fall and spring semesters. The privilege of living in these halls at low cost is granted to young men of excellent character and good scholastic standing.

The University will operate Carruth Hall, Hopkins Hall, Jol-



liffe Hall, and the property at 1200 Louisiana Street as regular dormitories for men, without scholarship or self-help requirements. Other houses will be operated on this basis if the need for them arises. Rental for dormitory rooms will be as follows:

	<i>Eight Weeks</i>	<i>Sixteen Weeks</i>
Each occupant, double room .....	\$18.00	\$36.00
Each occupant, triple room .....	14.00	28.00

A deposit of \$5.00 (returnable later) must be made at the time a room is engaged.

The John Moore Co-op house will be operated through the summer, offering men students an opportunity to live on a co-operative basis at low cost.

The University attempts also to secure the best housing accommodations available for its students in private homes. A committee preparing a list investigates the sanitary and social conditions of the houses, and by careful survey determines a fair rental price for each room. Students who are living in rooms are expected to do so only in houses which are on the list.

### FEES

**MATRICULATION FEE.** Each student is required to pay a matriculation fee when he first enrolls in the University. The fee is paid but once, and is never refunded. For residents of Kansas it is \$10; for nonresidents, \$20.

**INCIDENTAL FEE, REGULAR SUMMER SEMESTER.** The schedule showing the rate at which the Incidental Fee is charged for the several schools of the University is as follows:

	<i>Kansas residents</i>	<i>Nonresi- dents</i>
Graduate School .....	\$ 25.00	\$75.00
College of Liberal Arts and Sciences*.....	25.00	75.00
School of Business .....	30.00	85.00
School of Medicine (at Lawrence) .....	30.00	85.00
School of Medicine (at Kansas City) .....	125.00	250.00
School of Medicine: Nursing (on entrance only) .....	35.00	70.00
School of Pharmacy .....	30.00	85.00

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\* A student registered in the College but enrolled for two-thirds or more of his work in Business, Law, Medicine, or Pharmacy, pays the incidental fee of the professional school. A student registered in the College and enrolled in courses in the professional schools which total less than two-thirds of his program pays, in addition to the College incidental fee, a fee of 50 cents per credit hour for the courses in the professional school.

The Incidental Fee for the Engineering Summer Semester is \$25.00 for residents of Kansas, \$75 for nonresidents. Note that a special rate for the summer work in Law is charged (see below), and that the School of Education and the School of Fine Arts do not offer a full complement of work in the Regular Summer Semester but confine their offerings largely to the Summer Session.

INCIDENTAL FEE, SUMMER SESSION. The schedule applying to the Summer Session is as follows:

	<i>Resident</i>	<i>Nonresident</i>
Graduate School, Liberal Arts, Education, Fine Arts...	\$ 20.00	\$ 50.00
Business .....	25.00	60.00
Law: 10 weeks .....	20.00	50.00
5 weeks .....	10.00	25.00
Medicine (at Lawrence):		
4 weeks .....	12.50	30.00
5 weeks .....	15.00	40.00
8 weeks .....	25.00	60.00
10 weeks .....	30.00	80.00
12 weeks .....	37.50	90.00
Medicine (at Kansas City):		
Nonclinical, up to 8 hours .....	40.00	100.00
Nonclinical, above 8 hours, per hour .....	5.00	12.50
Junior-Senior clinical, per hour .....	10.00	25.00

INCIDENTAL FEE, SPECIAL SHORT SUMMER PROGRAMS. For any one of these special programs the Incidental Fee is \$10.00 for residents of Kansas, \$25.00 for nonresidents.

PART-TIME FEES. See Part I of the University catalogue, "General Information," pages 26-27.

HEALTH FEE. The rate at which the Health Fee is set is as follows:

<i>16 weeks</i>	<i>8 weeks</i>	<i>5 weeks</i>
\$7.50	\$3.75	\$2.25

Those enrolled in four-hour programs may make use of the University Hospital through special arrangements with the Director.

LATE REGISTRATION OR ENROLLMENT FEE. For late registration or enrollment in class or for both a charge of \$2.50 is made.

APPLIED MUSIC FEE. Students enrolled in courses in the School of Fine Arts requiring individual instruction pay additional fees. Those enrolled in the Regular Summer Semester are assessed at the same rates prevailing during the fall and spring semesters (see Part I of the University catalogue, "General Information," pages 130-131). Students enrolled in the Summer Session are assessed at the rates indicated below :

**First and Second Years**

<i>Private Lessons</i>	<i>Two a Week</i>	<i>One a Week</i>
Piano with Dean Swarthout, Prof. Chiapusso .....	\$ 22.00	\$ 12.00
with Profs. Conger or Orcutt .....	20.00	10.00
Violin with Prof. Geltch .....	22.00	12.00
with Prof. Kuersteiner .....	20.00	10.00
Voice with Profs. Wilkins or Moncrieff .....	22.00	12.00
with Profs. Moore or Peabody .....	20.00	10.00
Organ with Prof. Anderson .....	22.00	12.00
Violoncello with Prof. Swarthout .....	20.00	10.00
Band Instruments with Profs. Wiley or Gaston.....	20.00	10.00

**Third and Fourth Years**

Piano, Voice, Violin or Organ .....	22.00	12.00
Violoncello .....	20.00	10.00
Band Instruments .....	20.00	10.00

**ACTIVITY FEE.** An Activity Fee is charged every student (at Lawrence), except a person paying the Professional Fee or the Graduate Field Fee or a full-time member of the staff of the University. (State and Federal admission taxes are additional.) The Fee is optional for part-time members of the University staff who pay Incidental Fees at the staff rate, and for students enrolled in the four-week' programs (at the five-weeks' rate).

<i>16 weeks</i>	<i>8 weeks</i>	<i>5 weeks</i>
\$5.00	\$2.50	\$1.50

**DIPLOMA FEE and AUDITING FEE.** See Part I of the University catalogue, "General Information," page 28.

**LABORATORY FEES.** See Part II of the University catalogue, "Announcement of Courses," under the description of the course in question. Laboratory Fees are subject to change without notice.

**PHYSICAL EXAMINATIONS**

New students enrolling regularly in the University are required to take a physical examination, including a tuberculin test. The examination is optional for those enrolled in the eight-weeks' Summer Session and in the Special Short Summer Programs.

Appointments to take the physical examination will be made either by the Registrar or at the University Hospital.

**PHYSICAL CONDITIONING**

*Practically all students enrolled in the Regular Summer Semester are required to take work in Physical Conditioning. See the separate leaflet on the subject.*

### **PSYCHOLOGICAL AND APTITUDE EXAMINATIONS**

With the exception of graduate students, all students entering the University for the first time are required to take psychological and aptitude examinations. For the Summer Semester of 1943 these examinations will be held on the morning and afternoon of Saturday, May 22. Appointments for these examinations are indicated on the registration permit of each student. Students who fail to take the examinations before registration must deposit a fee of \$5.00 at the time of registration and take the examinations at a later time.

The time of the Psychological and Aptitude Examinations for Summer Session students will be Saturday, June 19, both morning and afternoon.

### **ENROLLMENT IN MORE THAN ONE OF THE SUMMER PROGRAMS**

Students enrolled in the Regular Summer Semester may, if carrying a limited enrollment, also take work in another of the summer programs. This dual arrangement is subject to the limitation that at no time shall the student's enrollment load be greater than the maximum allowed by the school in which he is registered. Courses which are offered at an accelerated rate count on the enrollment program in the ratio that the acceleration is made. For instance, in the Summer Session (eight weeks) the work is done theoretically at twice the speed obtaining in the Regular Summer Semester (sixteen weeks), that in the five-weeks' short program for V-1 and V-7 and Engineering students at three times the rate of the Regular Summer Semester. This would mean that a student, say, whose maximum enrollment for any semester is seventeen hours and who is enrolled in not more than eleven hours in the Regular Summer Semester may take an additional two-hours' course in the five-weeks' program or an additional three-hours' course in the Summer Session.

## COURSE NUMBERS IN THE ENROLLMENT SCHEDULES

In the following enrollment schedules courses are numbered according to the plan indicated below except where otherwise specified.

- 1-49 Courses open to freshmen and sophomores.  
Courses marked by star (\*) not open to freshmen.
- 50-99 Courses open to juniors and seniors.
- 100-199 Courses open to juniors, seniors, and graduates.
- 200-299 Courses open to seniors and graduates.
- 300-399 Courses open to graduates (and occasionally to selected undergraduates with approval of the dean concerned).

## ABBREVIATIONS USED IN THE ENROLLMENT SCHEDULES

The following abbreviations are used to designate buildings:

AE—Aeronautical Engineering	H—Haworth Hall
Aud—Hoch Auditorium	J—Journalism Building
B—Blake Hall	M—Marvin Hall
BCL—Bailey Chemical Laboratories	Obs—Observatory
DM—Dyche Museum	R—Robinson Gymnasium
F—Fraser Hall	S—Snow Hall
Fow—Fowler Shops	S-T—Spooner-Thayer Museum
FS—Frank Strong Hall	UHS—University High School
G—Green Hall	Wat—Watson Library
	Wat. Hosp.—Watkins Memorial Hospital

In designating the Schools of the University under "Primarily for credit in" the following abbreviations are employed:

B—Business	FA—Fine Arts
C—College of Liberal Arts and Sciences	G—Graduate
E—Education	L—Law
Eng—Engineering	M—Medicine
	P—Pharmacy

## ENROLLMENT SCHEDULES

The Administration reserves the right to cancel any course for which the need appears to be insufficient.

### Regular Summer Semester (16 weeks) (May 22 - September 11)

The Psychological and Aptitude Examinations for new students will be held on Saturday, May 22; registration will come on Monday, May 24, in the office of the Registrar, and enrollments in classes will take place on Tuesday, May 25.

In the College of Liberal Arts and Sciences class enrollments will begin in 229 Frank Strong Hall, students to appear as determined by the beginning letter of the last name according to the following alphabetical scheme:

8:00 to 10:00 a.m.	J, M, X, I, L, T, R.
10:00 to 12:00 a.m.	F, P, A, Y, U, V, C, K.
1:30 to 3:30 p.m.	E, B, Z, O, G, W.
3:30 to 5:30 p.m.	D, H, S, N, Q.

The enrollments in classes in the other schools of the University will be held in the following offices, and in the order in which students present themselves:

School of Business.....	220 Frank Strong Hall
School of Education.....	103 Fraser Hall
School of Fine Arts.....	128 Frank Strong Hall
The Graduate School.....	227 Frank Strong Hall
School of Law.....	108 Green Hall
School of Medicine.....	104 Haworth Hall
School of Pharmacy.....	215 Bailey Chemical Laboratories

Again it is pointed out that the School of Engineering and Architecture begins its semester on July 1, and that the work in the Schools of Education and Fine Arts is confined mainly to the Summer Session (8 weeks).

SUMMER PROGRAMS FOR 1943

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No.	Course	Prerequisite Courses	Cr.	Time	Day	Room	Instr.	Primarily Cr. in
<b>ANATOMY</b>								
<b>Human Anatomy</b>								
161	The Upper Extremity†		2	8:30-12:20	MTWTF	S	Latimer & Asst.	M
162	The Lower Extremity†		2	Offered consecutively through 16 week period			"	M
163	The Abdomen and Thorax†		3				"	M
164	The Head and Neck†		3				"	M
165	Topographical Anatomy‡		2	Lect. 3:30 Lab. 3:30-5:20	Tu Th Th	S	Asling & Asst.	MG
<b>Microscopic Anatomy</b>								
168	Developmental Anatomy†		1	1:30	Tu	S	Leonard	MG
187	Histology & Splanchnology†		5	Lect. 1:30 Lab. 7:30-9:20 or 2:30-4:20	MWF MWF MWF	S	Asling & Asst.	MG
189	Neurology†		3	Lect. 9:30 Lab. 7:30-10:20	W TT		"	MG
<b>BACTERIOLOGY</b>								
150M	Pathogenic Bacteriology	5 hrs. Col. Chem.	5	1:30- 3:20	MTWTF	502 S	Sherwood	MC
150M	Pathogenic Bact. (8 weeks beginning May 18)	5 hrs. Col.Chem.	5	7:30-10:20	MTWTF	502 S	Drake	MC
151	Medical Immunology	150	3	3:30- 5:20	MWF	502 S	Sherwood	MCG
151	Med. Immunology (8 weeks beginning May 18)	150	3	10:30-12:20	MTWTF	511 S	Drake	MC
154	Diagnostic Bacteriology	150	5	8:30-10:20	MTWTF	501 S	Downs	CG
162	Bact. Journals	10 hrs. Bact.	1	Appt.	Appt.	502 S	Staff	CG
260	Hematology	5 hrs. Bact.		10:30-12:20	MTWTF	501 S	Downs	CG
261	Special Problems	5 hrs. Bact.	2-10	Appt.	Appt.	504 S	Staff	CG
300	Res. Thesis in Bacteriology	10 hrs. Bact.	2-8	Appt.	Appt.	S	Staff	G
301	Res. in Bacteriology	5 hrs. Bact.	2-8	Appt.	Appt.	S	Staff	G
<b>BIOCHEMISTRY</b>								
150	Biological Chemistry	See Catalogue	5	Lect. 9:30-10:20 10:30-11:20 Lab. 10:30-12:20	MWF TT MWF	103 BCL	C.F. Nelson, Nelson, Garber, Assts.	MCG
151	Biological Chemistry Quantitative Methods	See Catalogue	3	11:30 Lect. Lab. 10:30-12:20	Th MWF	103 BCL	Nelson, Garber	MCG
<b>BOTANY</b>								
1	Living Plant‡		5	Lect. 8:30- 9:20 Lab. 8:30-10:20	MWF TT	417 S 401 S	Mayberry	CP
70	Botanical Problems	See Catalogue	3-5	Appt.		424 S	Mayberry	CG
<b>BUSINESS (See Economics)</b>								
<b>CHEMISTRY</b>								
2	Inorganic Chemistry <sup>o</sup>	1 yr. each H.S. Alg. and Geom.	5	Lect. 9:30 Lab. 9:30-12:20	MWF TT	305 BCL 306 BCL	Davidson	CP
3	Inorg. Chem. and Qual. Analysis	2	5	Lect. 2:30 Lab. 1:30-4:20	TT MWF	305 BCL 206 BCL	Sisler	C

† Prerequisites: enrollment limited to students admitted to first-year class in School of Medicine, except by special arrangement with the department.

‡ Prerequisites: enrollment limited to students admitted to second-year class in School of Medicine.

§ Not open to those who have had 50.

<sup>o</sup> Students who have had Chem. 1 receive only 3 hours credit.

No.	Course	Prerequisite Courses	Cr.	Time	Day	Room	Instr.	Primarily Cr. in
*48	Quantitative Analysis	3	3	Lect. 8:30 Lab. 7:30-10:20	Tu	201 BCL	Vander Werf	C
*49	Quantitative Analysis	3	5	Lect. 8:30 Lab. 7:30-10:20	TT	201 BCL	Vander Werf	C
161	Organic Chemistry I	3	5	Lect. 11:30 Lab. 1:30-4:20	MWF	201 BCL	Stratton	CGP
163	Organic Chemistry II	161	5	Lect. 9:30 Lab. 1:30-4:20	MWF	201 BCL	Stratton	CGP
171	Physical Chemistry I	48 or 49, 161 and satisfactory prep. in Col. Phys., Calc.	5	Lect. 8:30 Lab. 8:30-11:20	MWF	101 BCL	Taft	CG
172	Physical Chemistry II	171	5	Lect. 11:30 Lab. 8:30-11:20	TTS	101 BCL	Taft	CG
380	Res. in Analytical Chem.		1-8	Appt.			Vander Werf, Allen	G
381	Res. in Organic Chem.		1-8	Appt.			Stratton, Brewster, Vander Werf	G
382	Res. in Inorganic and Physical Chemistry		1-8	Appt.			Davidson, Taft, Sisler	G

**ECONOMICS**

1	Introductory Economics		3	10:30	MTWTF	222 FS	Ise	C
5	Price and Distribution		3	7:30	MWF	222 FS	Ise	C
9	Accounting I		3	9:30	MWF	222 FS	Blocker	C
10	Accounting II	Econ. 9	3	2:30	MWF	222 FS	Blocker	C
*25	Cost Accounting	Econ. 10	3	11:30	MWF	222 FS	Blocker	C
150	Money and Banking	Econ. 5 or 90	3	8:30	MWF	222 FS	Ise	BCG
161	Public Finance	Econ. 5 to precede or accompany	2	8:30	TT	222 FS	Blocker	BCG
195	Business Law II <sup>o</sup>		3	7:30	MWF	211 FS	Axe	BCG

**EDUCATION<sup>o</sup>**

A50	Introduc. to Sch. Adminis.		2	7:30		117 F	Chandler	EC
P50	Educational Psychology	Gen. Psych. including lab.	3	9:30		117 F	Turney	EC

**ENGLISH**

1A	English Composition		3	8:30	MWF	311 F	Barnes	CP
B	English Composition		3	10:30	MWF	209 F	Hoopes	
10	English Literature		2	10:30	TT	209 F	Hoopes	C
*12	History of English Lit.	2, and 10 or 11	3	10:30	MWF	311 F	Barnes	C
96	Directed Reading	2, and 10 or 11	1	Appt.	Appt.	Appt.	Staff	C
171	American Literature I	2, and 10 or 11	3	10:30	MWF	213 F	Nelson	CGE
177	Poetry of the Romantic Move.	2, and 10 or 11	3	8:30	MWF	213 F	Virtue	CGE
178	Shakespeare: Intensive Study	2, and 10 or 11	3	9:30	MWF	209 F	Ashton	CGE
324	Investigation and Conf.		2-5	Appt.	Appt.	Appt.	Ashton, Nelson	G
325	Thesis		2-5	Appt.	Appt.	Appt.	Ashton, Nelson	G

**ENTOMOLOGY**

158	Insects and Public Health		2	10:30	TT	325 S	Doering	CG
264	Special Problems		2-5	Appt.	Appt.	325 S	Doering	CG
300	Original Investigations		5	Appt.	Appt.	325 S	Doering	G

<sup>o</sup> Counts as professional credit in College.

\* Not open to freshmen.



SUMMER PROGRAMS FOR 1943

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No.	Course	Prerequisite Courses	Cr.	Time	Day	Room	Instr.	Primarily Cr. in
<b>GEOLOGY</b>								
1	General Geology <sup>o</sup>	2 yrs. H.S. Math	5	10:30 Lab. 10:30-12:20	MWF	201 H	Schoewe	C
9	Map Reading & Interpreta. .		2	8:30	TT	201 H	—————	C
<b>GERMAN</b>								
1	Elementary German		5	1:30	MTWTF	301 F	Peters	CP
2	German Reading and Gram.	1	5	10:30	MTWTF	310 F	Anderson	CP
<b>HISTORY</b>								
5	English History		5	8:30	MTWTF	5 FS	Crawford	C
152	Medieval Institutions and the National State	5 hrs. Col. Hist.	2	9:30	TT	5 FS	Patterson	CG
168	Latin America	5 hrs. Col. Hist.	3	9:30	MWF	5 FS	Patterson	CG
<b>HOME ECONOMICS</b>								
154	Child Care Laboratory	12 or 83 and consent of instructor	3-5	Appt.	Appt.	Appt.		CG
<b>JOURNALISM</b>								
*1	Reporting I Lab. Prac., Sum. Kansan	Eng. 2	3	7:30 Appt.	MWF Appt.	107 J 103 J	Beth Beth	C
162	Magazine Writing	Eng. 2	3	8:30	MWF	107 J	Beth	CG
180	Elem. of Advertising	Eng. 2	3	10:30	MWF	107 J	Beth	CBGP
<b>LAW</b>								
10 Weeks (May 24 to July 31)								
	Evidence		4	9:30	MTWTF	106 G	Viesselman	LCG
	Business Units		4	8:30	MTWTF	106 G	Tupy	LCG
	Insurance		2	10:30	MWF	106 G	Tupy	LCG
5 Weeks (August 2 to September 3)								
	Code Pleading		4	8:30 & 10:30	MTWTF	106 G	Moreau	LCG
<b>MATHEMATICS</b>								
2a	A College Algebra <sup>†</sup>	1½ yrs. H.S. Alg. or course 2	3	8:30	MWF	203 FS	Ulmer	CP
	B College Algebra <sup>†</sup>	"	3	10:30	MWF	203 FS	Venard	
2b	A College Algebra <sup>†</sup>	1 yr. H.S. Alg.	5	8:30	MTWTF	211 FS	Kalisch	CP
	B College Algebra <sup>†</sup>	"	5	9:30	MTWTF	203 FS	Venard	
3	A Trigonometry <sup>‡</sup>	1 yr. H.S. Geom. and 1 or 2a or 2b or with 2a or 2b	2	8:30	TT	203 FS	Ulmer	C
	B Trigonometry <sup>‡</sup>	"	2	10:30	TT	203 FS	Venard	
4	Analytic Geometry	2a or 2b, and 3 or 3a, or 2c	5	7:30	MTWTF	203 FS	Ulmer	C
5	Calculus I	4	5	7:30	MTWTF	217 FS	Kalisch	C
7	Calculus II	5	3	9:30	MWF	217 FS	Kalisch	C
151	Differential Equations	5	3	9:30	MWF	211 FS	Bell	CG
163	Math. Theory of Statistics	5	3	8:30	MWF	113 FS	Price	CGE
303	Seminar (Tensor Analysis)		3	Appt.			Bell	G

<sup>o</sup> Not open to those who have had 11 or 51.

\* Not open to freshmen.

<sup>†</sup> 2a College Algebra is open to students who have had two units of algebra in high school only by permission of the department; 2b College Algebra is open to students who have had one and one-half units in high school for three hours credit only.

<sup>‡</sup> Open for 1 hr. credit to College students who have had Trigonometry in high school, or who had Course I.

No.	Course	Prerequisite Courses	Cr.	Time	Day	Room	Instr.	Primarily Cr. in
<b>MILITARY SCIENCE AND TACTICS</b>								
1 B	Military Science		1	Appt.	TT	205 Fow		All
3 B	Military Science	MS 1 & 2 or Ms 1F & 2F	1	Appt.	TT	205 Fow		All
	Drill†			Appt.	W	Fow		
<b>MUSIC</b>								
Private lessons only								
	Piano		1-3°				Chiapusso, Conger, Orcutt, Swarthout	C FA
	Voice		1-3°				Moncrieff, Moore, Peabody Wilkins	C FA
	Violin		1-3°				Geltch, Kuersteiner	C FA
	Organ		1-3°				Anderson	C FA
	Violoncello		1-3°				Swarthout	C FA
<b>PHARMACY</b>								
1	Introductory Pharmacy		3	11:30	MWF	211 BCL	Reese	P
21	Pharmaceutical Preps. I	Chem. 2	4	10:30 9:30-12:20	MW TT	205 BCL 111 BCL	Bowers	P
61	Advanced Pharmacy I	Chem. 3	3	7:30	MWF	211 BCL	Reese	P
64	Dispensing Pharmacy I	63	4	11:30 1:30-4:20	MW MW	205 BCL 111 BCL	Bowers	P
65	Pharmaceutical Calculations	2		7:30	TT	205 BCL	Bowers	P
99	Pharmacognosy II	22	2	8:30	TT	211 BCL	Reese	P
<b>PHYSICAL CONDITIONING (See separate leaflet.)</b>								
<b>PHYSICS AND ASTRONOMY</b>								
5	General Physics I	H.S. Phys. or Chem.; Trig.	5	Lect. 8:30 Lab. 8:30-10:20	MWF TT	210 B 110 B	Barschall Staff	CP
6	General Physics II	5	5	Lect. 10:30 Lab. 10:30-12:20	TTS MW	203 B 110 B	Liebermann Staff	C
153	Atomic Physics	1 yr. Gen. Phys.	3	Appt.	Appt.	205 B	Stranathan or Barschall	CG
154	Vacuum Tube Electronics	1 yr. Gen. Phys.	3	Appt.	Appt.	3 B	Stranathan	CG
156a	Electrical Meas. I	See Catalogue	1-2	Appt.	Appt.	10 B	Liebermann	CG
156b	Electrical Meas. II	See Catalogue	1-2	Appt.	Appt.	10 B	Liebermann	CG
300	Graduate Problems	Permission	2-5	Appt.	Appt.	B	Staff	G
304	Atomic Spectra	See Catalogue	3	Appt.	Appt.	B	Liebermann	G
307	Thesis	Permission	2-10	Appt.	Appt.	B	Staff	G
<b>PHYSIOLOGY</b>								
271	Physiology		5	8:30 8:30-12:20	MWF TT	101A H 101C H	Stoland	MCG
<b>POLITICAL SCIENCE</b>								
*10	American Government		3	10:30	MWF	105 G	Sandelius	C
35	Modern Governments at War I‡		3	8:30	MWF	105 G	Sandelius, Chubb	C
90	Honors Reading		2-5	Appt.	Appt.		Staff	C

† 1 hour per week required of all students in MS 1 or MS 3.

° Maximum credit in College 2 hours.

\* Not open to freshmen.

‡ Not open to those who have had 1, or to Pol. Sci. majors.

SUMMER PROGRAMS FOR 1943

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No.	Course	Prerequisite Courses	Cr.	Time	Day	Room	Instr.	Primarily Cr. in
135	Current Amer. Foreign Policy	10 or one course Amer. Hist.	2	10:30	TT	105 G	Chubb	CG
154	Comparative Government	1 or 10	3	9:30	MWF	105 G	Sandelius	CG
304	Graduate Seminar		2-5	Appt.	Appt.		Staff	G
306	Thesis		2-5	Appt.	Appt.		Staff	G
<b>PSYCHOLOGY</b>								
*1a	General Psych., Lecture		3	8:30	MWF	9 FS	Wheeler	CP
*1	General Psychology		5	8:30	MWF	9 FS	Wheeler	CP
				Lab. 8:30-10:20	TT	21 FS	Wheeler	
168	Advanced Psychology	8 hrs. Psychol. & consent of Dept.	2-3	Appt.	Appt.	11 FS	Wheeler	CG
<b>ROMANCE LANGUAGES</b>								
1	Elementary Spanish		5	10:30	MTWTF	107 FS	Shoemaker	C
<b>SECRETARIAL TRAINING ¶</b>								
51	Advanced Typewriting	S.T. 50	2	10:30	MTWTF	314 F	O'Briant	B
60	Elementary Shorthand		3	8:30	MTWTF	314 F	O'Briant	B
61	Adv. Shorthand Dictation and Trans. (Gregg)	S.T. 60	3	9:30	MTWTF	312 F	O'Briant	B
62	Adv. Transcription (Gregg)	S.T. 61	3	11:30	MTWTF	312 F	O'Briant	B
<b>SLAVIC</b>								
1	Elementary Russian		5	8:30	MTWTF	310 F	Anderson	C
2	Russian Reading and Gram. 1		3	9:30	MWF	310 F	Anderson	C
<b>SOCIOLOGY</b>								
15	Social Science Survey		5	8:30	MTWTF	306 F	McCluggage	C
154	Collective Behavior	1 or 50	2	10:30	TT	210 F	McCluggage	CG
164	Urban Sociology	1 or 50	3	10:30	MWF	210 F	McCluggage	CG
<b>SPEECH AND DRAMA</b>								
1	Fundamentals of Speech		2	9:30	MWF	3 G	Calderwood	C
*11	Fund. of Play Production	1	3	10:30	MWF	3 G	Calderwood	C
70	Radio Speaking	1	2	11:30	MW	3 G	Calderwood	C
<b>ZOOLOGY</b>								
1	Elem. Animal Biology		5	8:30	TT	206 S	McNair	CP
				7:30-9:20	MWF	201 S	McNair	
3	Comparative Anatomy	1	5	7:30	TT	206 S	Taylor	CP
				7:30-9:20	MWF	220 S	Taylor	CP
155	Vertebrate Embryology	10 hrs. Zoology	5	3:30	MW	206 S	Leonard	CGP
				1:30-3:20	MWF	220 S	Leonard	
160	Parasitology	1	3	8:30	M	206 S	Larson	CGM
				8:30-10:20	WF	221 S	Larson	
160	Parasitology (1st 8 weeks) (8 weeks beginning May 18)	1	3	10:30-12:20	MTWTF	206 S	Larson	CGM
						221 S	Larson	
300	Thesis		1-5	Appt.	Appt.	207 S	Staff	G
305	Graduate Seminar		1-5	Appt.	Appt.	207 S	Staff	G
325	Graduate Research		3-10	Appt.	Appt.	207 S	Staff	G

\* Not open to freshmen.

¶ Not open for credit to students in the College.

**Engineering Summer Semester (16 weeks)  
(July 1-October 21)**

The enrollment schedule of the School of Engineering and Architecture for its summer semester has not yet been completed, because not all of the needs of the naval students who are to be assigned to the University on July 1 are known. Clearly, however, the regular programs in the several Engineering fields, as regularly offered, will be provided for; and both old and new students in Engineering may continue with their work on the same basis as during the preceding semesters.

## Regular Summer Session (8 weeks) (June 14-August 7)

Registration for Summer Session students will be on June 14, beginning at 8 a.m., in the office of the Registrar, after which will come, on the same day, enrollment in classes—to be held in the offices of the deans of the several schools offering work. Any student who is uncertain where he should go for enrollment, or who desires to be a Summer School Special, should report to the office of the Dean of the School of Education, 103 Fraser Hall, to whom also all questions about the work of the Summer Session should be addressed. New students in the Summer Session are required to take the Psychological and Aptitude Examinations, which are given on Saturday, June 19, both morning and afternoon.

Notice: Unless otherwise designated five-hour classes will meet double periods every day (Monday through Friday) during the 8-weeks' session. Three-hour classes will meet every day (Monday through Friday) for one hour and in addition one hour by appointment each week. Two-hour classes will meet four days a week (ordinarily Monday through Thursday) for one hour.

No.	Course	Prerequisite Courses	Cr.	Time	Day	Room	Instr.	Primarily Cr. in
<b>ART</b>								
<b>Design</b>								
13	Design I		2-3	9:30-12:20	TT	3 S-T	Whitney	FA C
14	Design II		2-3	9:30-12:20	TT	3 S-T	Whitney	FA C
33-34	Design III-IV†		2-3	9:30-12:20	MWF	3 S-T	Whitney	FA C
163-164	Design V-VI†		2-3	9:30-12:20	MWF	3 S-T	Whitney	FA CG
193-194	Design VII-VIII		2-3	9:30-12:20	MWF	3 S-T	Whitney	FA G
301-302	Design	194	2-3	9:30-12:20	MWF	3 S-T	Whitney	FA G
<b>Handcrafts</b>								
21	General Handcrafts II†		1-2	7:30-9:20	MWF	5 S-T	Whitney	FA C
151-152	Gen. Handcrafts IV-V†	2	1-2	7:30-9:20	MWF	5 S-T	Whitney	FA CG
181-182	Gen. Handcrafts VI-VII†		1-2	7:30-9:20	MWF	5 S-T	Whitney	FA CG
303-304	Handcrafts	192	1-2	7:30-9:20	MWF	5 S-T	Whitney	G
<b>Ceramics</b>								
29-30	Ceramics I-II		1-2	7:30-10:20	TT	8 S-T	Frazier	FA C
159-160	Ceramics III-IV†		1-2	7:30-10:20	TT	8 S-T	Frazier	FA CG
189-190	Ceramics V-VI		1-2	7:30-10:20	TT	8 S-T	Frazier	FA G
305-306	Ceramics	190	2	7:30-10:20	TT	8 S-T	Whitney	G
<b>Drawing and Painting</b>								
The following courses in Drawing and Painting will be offered on a private lesson basis. In addition to the regular incidental and model fee, the student will pay a private lesson fee according to the following schedule: 1 hour credit, \$10; 2 hours credit, \$15; 3-4 hours credit, \$20; 5-6 hours credit, \$25; 7-8 hours credit, \$30.								
1	Antique I. (Freehand I.)		2-3	Appt.		Dyche	Mattern	FA C
2	Antique II. (Freehand II.)	1	2-3	Appt.		Dyche	Mattern	FA C
3	Constructive I		1	Appt.		Dyche	Mattern	FA
4	Constructive II	3	1	Appt.		Dyche	Mattern	FA
5	Perspective		1	Appt.		Dyche	Mattern	FA
7	Composition I	1	2	Appt.		Dyche	Mattern	FA C
8	Composition II	7	2	Appt.		Dyche	Mattern	FA C

† For professional credit in the College.

No.	Course	Prerequisite Courses	Cr.	Time	Day	Room	Instr.	Primarily Cr. in
33	Still Life I	1 and 2	2-3	Appt.		Dyche	Mattern	FA C
34	Still Life II	33	2-3	Appt.		Dyche	Mattern	FA C
35	Composition I†	7 and 8	1-2	Appt.		Dyche	Mattern	FA C
36	Composition II†	35	1-2	Appt.		Dyche	Mattern	FA C
<b>BACTERIOLOGY</b>								
100	Man and the Microbic World†	5 hrs. Physical or Biological Sci.	3	11:30		502 S	Sherwood	CG
261	Spec. Probs. in Bact.	5 hrs. Bact.	2-8	Appt.		S	Sherwood Downs	CG
300	Res. Thesis in Bact.	10 hrs. Bact	2-8	Appt.		S	Sherwood Downs	G
301	Res. in Bacteriology	5 or more hrs. of Bact.	2-8	Appt.		S	Sherwood Downs	G
<b>BOTANY</b>								
61	Trees and Shrubs		3	11:30		415 S & 401	Mayberry	C
170	Botanical Problems	10 hrs. of Bot., including an introductory course in the field of investigation	3-5	Appt.		S	Mayberry	CG
<b>BUSINESS (See Economics)</b>								
<b>CHEMISTRY</b>								
301-307	Adv. Topics in Inorganic and Physical Chemistry	172	2-3	Appt.		101 BCL	Davidson Sisler	G
366A-368B	Advanced Topics in Organic Chemistry (Specific courses depend on student demand.)	163	2-3	Appt.		201 BCL	Brewster Stratton	G
381	Res. in Organic Chem.	163 and 364	1-8	Appt.		4 BCL	Stratton Brewster Vander Werf	G
382	Res. in Inorganic and Physical Chemistry	172 and 320	1-8	Appt.		5 BCL	Davidson Taft Sisler	G
<b>ECONOMICS</b>								
85	Senior Seminar in Bus.		1-3	Appt.		222 FS	Stockton	B
175	Personnel Management		3	9:30		213 FS	Stockton	BC
176	Personnel Problems°	175	2	Appt.		222 FS	Stockton	BC
198	War Economy Problems	1	3	11:30		203 FS	Stockton	BC
300	Thesis		1-5	Appt.		220 FS	Stockton	G
315	Seminar in Industrial Management		3	Appt.		FS	Stockton	G
<b>EDUCATION°</b>								
<b>Administration and Supervision</b>								
A50	Intro. to Sch. Adminis.		2	7:30		206 F	Twente	EC
201	Admin. Policies and Prac. as Employed in Sch. Sys.	Fund. Group	2	1:30		308 F	Twente	EGC
203	Procedures and Programs Effective in the Improve. of Instruction	Fund. Group	2	8:30		117 F	OBrien	EGC
217-317	Spec. Fields of Study in Admin. and Supervision	See catalogue	2-6	Appt.		F	Staff	EG

† Students who have had 100 may take 150 for only 3 hours credit.

° For professional credit in the College.

SUMMER PROGRAMS FOR 1943

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No.	Course	Prerequisite Courses	Cr.	Time	Day	Room	Instr.	Primarily Cr. in
318	Seminar in Adm. & Super.	Per. of Instr.	2	Appt.		F	Staff	G
319	Thesis in Adm. & Super. ° For professional credit in College.	Per. of Inst.	Appt.	Appt.		F	Staff	G
<b>Curriculum</b>								
220	Elem. Sch. Curriculum	Fund. Group	2	9:30		308 F	Russell	EGC
221	Sec. Sch. Cur.	Fund. Group	2	7:30		16 F	Russell	EGC
237-337	Spec. Fields of Study in Curriculum	See Catalogue	2-6	Appt.		F	Staff	EG
338	Seminar in Curriculum	Per. of Instr.	2	Appt.		F	Staff	G
339	Thesis in Curriculum	Per. of Inst.	Appt.	Appt.		F	Staff	G
<b>Psychology and Guidance</b>								
P35	Essentials of Reading	(This course will be held from July 12 to August 7)	2	10:30-11:50		206 F	Coombs	E
P50	Educational Psychology		3	8:30		308 F	Turney	EC
P190	The Diagnosis and Treatment of Minor Speech Defects	Fund. Group in Educ. and Fund. of Speech or their equiv.	3	11:30		103 G	Anderson	EGC
240	The Learning Processes	Fund. Group	2	9:30		16 F	Nash	EGC
241	Nontypical Children	Fund. Group	2	11:30		117 F	Schwegler	EGC
242	Mental Hygiene	Fund. Group	2	10:30		117 F	Turney	EGC
243	Clinical Problems in Educ.	Fund. Group	2	1:30		16 F	Nash	EGC
P268	Psychology of Reading	Fund. Group	2	10:30		16 F	Nash	EG
257-357	Spec. Fields of Study in Educ. Psych. and Guid.	See Catalogue	2-6	Appt.		F	Staff	EG
358	Seminar in Educ. Psych. and Guidance	Per. of Instr.	2	Appt.		F	Staff	G
359	Thesis in Educ. Psych. and Guidance	Per. of Inst.	Appt.	Appt.		F	Staff	G
<b>Teaching Theory and Educational Philosophy</b>								
260	Modern Teaching Proc. I	Fund. Group	2	10:30		16 F	Bayles	ECG
261	Modern Teaching Proc. II	Fund. Group	2	8:30		16 F	Bayles	ECG
277-377	Spec. Fields of Study in Teaching Theory and Educ. Philosophy	See Catalogue	2-6	Appt.		F	Staff	EG
378	Seminar in Teaching Theory and Educ. Phil.	Per. of Instr.	2	Appt.		F	Staff	G
379	Thesis in Teaching Theory and Educ. Phil.	Per. of Instr.	Appt.	Appt.		F	Staff	G
<b>Evaluation</b>								
E50	Intro. to Educ. Meas.		2	9:30		210 F	OBrien	EC
280	Meas. of Modern Educ.	Fund. Group	2	11:30		308 F	OBrien	EGC
297-397	Spec. Fields of Study in Evaluation	See Catalogue	2-6	Appt.		F	Staff	EG
398	Seminar in Evaluation	Per. of Instr.	2	Appt.		F	Staff	G
399	Thesis in Evaluation	Per. of Instr.	Appt.	Appt.		F	Staff	G
<b>Special Methods</b>								
M1	Methods of Teaching in the Elementary Grades		3	8:30		210 F	Russell	E
M10	Elem. School Art Methods		3	8:30		402 F	Ellsworth	E FA
M21	Elem. School Music Methods		3	9:30		37FS	Barnhart	E FA
M30	Teaching of Speech in Pri. and Intermediate Grades		3	10:30		103 G	Anderson	E
M35	Methods for the Elem. Sch. (This course will be offered from June 11-July 9. If the demand warrants it, it will be repeated July 12-Aug. 7.)		4	8:30-12:20		206 F	Henley	E
M55	High School Art Methods I		2	7:30		402 F	Ellsworth	FA EC
M66	Music Education		2	11:30		37 FS	Barnhart	FA E

No.	Course	Prerequisite Courses	Cr.	Time	Day	Room	Instr.	Primarily Cr. in
M90b	Pre-Flight Aeronautics Courses for Teachers		3	7:30		AE	Stillwell & Associates	E
M286	The Teaching of English	Fund. Group and major in English	3	7:30		11 UHS	Fee	ECG
M291	The Teaching of Social Stud.	Fund Group and major in Soc. Studies	3	7:30		20 UHS	Litchen	ECG
M296	(See Secretarial Training) <b>History of Education</b>							
H64	A Survey of Amer. Educ.		2	11:30		210 F	Bayles	EC
	<b>Specialized Courses</b>							
A158	Visual Educ. in Elem. and Sec. Schools		2	11:30		310 F	Montgomery	ECG
P178	Adolescence	Fund. Group	3	9:30		306 F	Schwegler	ECG
P179	Psych. of Char. Educ.	Fund. Group	2	Appt.		F	Schwegler	ECG
<b>ENGLISH</b>								
1	English Composition		3	9:30		311 F	Laird	C FA
16	Children's Literature (July 12-August 7)		2	7:30- 8:50		207 F	Laird	CE
160	Elem. Old English	2, and 10 or 11	3	9:30		213 F	Burnham	CG
175	English Prose of the Early Nineteenth Century	2, and 10 or 11	2	11:30		213 F	Nelson	CGE
178	Shakespeare: Intensive Read.		2	9:30		209 F	Ashton	CGE
183	Milton and His Contempor.	2, and 10 or 11	3	7:30		209 F	Ashton	CGE
324	Invest. and Conference		2-5	Appt.				G
	Selection from the following, depending on student interest							
	(a) Studies in English Usage						Burnham	
	(b) Studies in Eighteenth Century Writers						Nelson	
	(c) Studies in American Writers						Nelson	
	(d) Studies in English Drama						Ashton	
	(e) Materials and Methods of Literary Study						Ashton	
	(f) Other Studies						Staff	
325	Thesis		2-5	Appt.			Staff	G
<b>ENTOMOLOGY</b>								
57	Household & Garden Insects		2	11:30		304 S	Doering	C
163	Field Entomology		2-6	7:30-10:20		301 S	Doering	CG
264	Special Problems		2-5	Appt.		S	Doering	CG
300	Original Investigations		5	Appt.		S	Doering	G
<b>GEOGRAPHY</b>								
3a	Principles of Geography	2 yrs. H.S. Math	3	8:30- 9:20		208 H	Posey	CE
8	Geography of the Far East		3	9:30-10:20		208 H	Posey	CE
<b>HISTORY</b>								
7	The American People		5	7:30- 9:20		103 FS	Malin	C
183	Later America I	5 hrs. Col. Hist.	3	9:30- 10:20		103 FS	Malin	CG
306	Seminar in American Hist.		3-5	Appt.			Malin	G
<b>HOME ECONOMICS</b>								
3	Elementary Nutrition		3	7:30		110 F	Tissue	C
3	Elementary Nutrition†		2	9:00-10:20		110 F	Hill	C
4	Foods I		3	10:30	MTWT	10 F		C
			Lab.	10:30-12:20	F	10 F	Hill	
RC4	Red Cross Nutrition (See under RED CROSS)							
12	Child Development†		2	7:30- 8:50		10 F	Sherbon	C
152	Spec. Problems in Home Econ. I	10 hrs. Home Ec. and consent of instructor	1-5	Appt.			Hill	CG

† Offered during the first four weeks of the Summer Session; may be repeated last four weeks if enrollment justifies it.



SUMMER PROGRAMS FOR 1943

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No.	Course	Prerequisite Courses	Cr.	Time	Day	Room	Instr.	Primarily Cr. in
<b>MATHEMATICS</b>								
2b	College Algebra	1 yr. H.S. Alge.	5	7:30- 9:20		109 FS	Staff	C
<b>MUSIC</b>								
2	Sight Singing and Ear Tr. II†	1	1	8:30		131 FS	Cass	FA C
6	Harmony II†	5, 5a	2	7:30		131 FS	Cass	FA C
6a	Keyboard Harmony II†	5, 5a	1	9:30		28 FS	Cass	FA C
16	Orchestral and Band Instruments (Woodwinds)†		2	9:30		1-A FS	Wiley	FA
21	Sight Singing and Ear Training III†	2	1	1:30		32 FS	Cass	FA C
22	Sight Singing and Ear Training IV†	21	1	2:30		28 FS	Cass	FA C
25	Harmony III†	6	2	11:30		28 FS	Cass	FA C
25a	Keyboard Harmony III†	6a	1	10:30		28 FS	Cass	FA C
29-30	String Ensemble I or II†		1	Appt.		FS	Kuersteiner Geltch	FA
36	Orchestral and Band Instr.† (Brass and Percussion)		2	10:30		131 FS	Wiley	FA
59-60	String Ensemble III or IV†		1	Appt.		FS	Kuersteiner Geltch	FA
71	History of Music		3	10:30		32 FS	Chiapusso	FA C
155	Form and Analysis	26	2	9:30		32 FS	Miessner	FA CG
165	Choral Repertoire and Conducting	1 yr. Conduction	2	9:30		131FS	Swarthout	FACG
166	Song and Aria Repertoire†‡	Jr.-Sr. standing in voice	1	2:30		32 FS	Wilkins	FA CG
169	Band and Orchestra Admin.		2	1:30		131 FS	Wiley	FA CG
287	Instrumentation I	26	2	11:30		131 FS	Anderson	FA CG
288	Instrumentation II	26	2	11:30		131 FS	Anderson	FA CG
295	Adv. Orchestral Instrum.	15, 16, and 36	1-3	Appt.		FS	Kuersteiner Wiley, Gaston	FA G
313	Organization of Sch Music		3	10:30		37 FS	Miessner	G
314	Civic Music		3	8:30		28 FS	Gaston	G
323-4	Seminar		2	11:30		125 FS	Gaston	G
341-342	Adv. History of Music	71 & 72	3	11:30		32 FS	Chiapusso	G
355	Advanced Musical Analysis	155 & 156	2	Appt.		FS	Miessner	G
387-388	Instrumentation	287 and 288	3	8:30		30A FS	Anderson	G
	Summer Session Chorus		½	Appt.		FS	Swarthout	FA C
	Organ		1-3°	Appt.		FS	Anderson Simpson	FA C
	Piano		1-3°	Appt.		FS	Staff	FA C
	Violin		1-3°	Appt.		FS	Staff	FA C
	Voice		1-3°	Appt.		FS	Staff	FA C
	Violoncello		1-3°	Appt.		FS	Swarthout	FA C
	Brass Instruments		1	Appt.		FS	Gaston	FA
	Woodwinds		1	Appt.		FS	Wiley	FA
<b>PHYSICS AND ASTRONOMY</b>								
156a or 156b	Electrical Measurements I or II	For 156a-course 152 to precede or accompany, and Integral Calculus ; for 156b-course 152 or its equiv., one hr. of 156a or its equiv., and Integral Calculus	2	Appt.		10 B	Liebermann	CG

† These courses will be offered only on a private lesson fee basis if fewer than eight persons enroll, the cost to be divided among them. The total cost will be \$12 per credit hour.

‡ For professional credit in College.

° Maximum credit in College 2 hours.

No.	Course	Prerequisite Courses	Cr.	Time	Day	Room	Instr.	Primarily Cr. in
<b>PHYSIOLOGY</b>								
50	Human Physiology	H.S. course in Chem. or Biology	3	11:30		101A H	Walling	C
<b>POLITICAL SCIENCE</b>								
98	Senior Seminar		2-5	Appt.			Chubb	C
110	The Constitution	10 or one course in Amer. Hist.	2	7:30		105 G	Chubb	CG
164	International Relations	1 or 10	3	9:30		103 G	Chubb	CG
304S	Graduate Seminar		2-5	Appt.			Chubb	G
306S	Thesis		2-5	Appt.			Chubb	G
<b>PSYCHOLOGY</b>								
154	Abnormal Psychology	1 or 1a or 50 or 50a	3	9:30		9 FS	McCord	CG
157	Employment Psych.	1 or 1a or 50 or 50a	3	8:30		37 FS	Morrison	CBG
168	Advanced Psychology (Reading)	8 hrs. Psych. and consent of Dept.	2-3	Appt.		11 FS	Staff	CG
169	Advanced Psychology (Experimental)	11 hrs. Psych. and consent of Dept.	2-5	Appt.		11 FS	Staff	CG
304	Thesis	15 hrs. Psych. and consent of Dept.	2-5	Appt.		11 FS	Staff	G
305	Special Topics	15 hrs. Psych. and consent of Dept.	2-5	Appt.		11 FS	Staff	G
<b>RED CROSS</b>								
RC2	Red Cross First Aid		1	3:30	TTF	101A H	Leonard	C FA
RC4	Red Cross Nutrition		1	8:30	MTW	209 F	Tissue	C FA
<b>ROMANCE LANGUAGES AND LITERATURE</b>								
<b>Spanish</b>								
162	Advanced Spanish Grammar	5 and 6	3	11:30		107 FS	Shoemaker	CG
163	Nineteenth Century Spanish Drama	5	3	9:30		107 FS	Shoemaker	CG
<b>or</b>								
164	Contemporary Span. Drama	5	3	9:30		107 FS	Shoemaker	CG
<b>SECRETARIAL TRAINING† (Three of the six courses will be offered, depending upon the demand)</b>								
50	Intermediate Typewriting	40	2	3:30		314 F	Staff	B
51	Advanced Typewriting	50	2	3:30		312 F	Staff	B
60	Elem. Shorthand		3	9:30-11:20		312 F	Staff	B
61	Adv. Shorthand Dictation and Transcription	60	3	8:30-10:20		314 F	Staff	B
62	Adv. Transcription	61	3	1:30- 3:20		314 F	Staff	B
M296	Improvement in the Teach. of Business Subjects	Fund. Group and basic courses in bus. educ.	3	11:30		306 F	Staff	BEG
<b>SOCIOLOGY</b>								
<b>First Term (June 14-July 10)</b>								
* 2	Social Pathology	1 or 50	2	1:30- 2:50		207 F	Twente	C
152	Rural Sociology	1 or 50	2	10:30-11:50		207 F	Twente	CG
<b>Second Term (July 12-August 7)</b>								
156	The Family	1 or 50	2	10:30-11:50		207 F	Twente	CG
173	Intro. to Social Case Work	2	2	1:30- 2:50		207 F	Twente	CG
<b>SPEECH AND DRAMA</b>								
1	Fund. of Speech		2	8:30		103 G	Anderson	C

† Not open for credit to students in the College.

\* Not open to freshmen.

## Interim Five-Weeks' Program Primarily for Engineering and V-1 & V-7 Students (May 22-June 26)

The courses listed below are offered primarily for four types of students: (1) entering freshmen in Engineering who wish to start on their work as soon as possible, (2) students from the high school who have deficiencies in mathematics to make up before being admitted to regular standing in the School of Engineering and Architecture, (3) students now in the Engineering School who are behind in one or more courses and who may welcome the opportunity to catch up, and (4) V-1 and V-7 students who are required by the Navy to remain at their studies until called to duty on July 1. To the courses below will be added such Junior-Senior work in Engineering as seems most needed by the V-1 and V-7 men.

Note that the Engineering Summer Semester begins on July 1.

All inquiries about engineering work should be addressed to Dean J. J. Jakosky, 113 Marvin Hall.

No.	Course	Prerequisite Courses	Cr.	Time	Day	Room	Instr.	Primarily Cr. in
<b>ASTRONOMY</b>								
40	Navigation	Col. Alg. & Trig.	3	10:30-12:20	MTWTF	1 Obs.	Storer	C Eng.
<b>CHEMISTRY</b>								
3E	Qualitative Analysis	2 or 2E	4	Lect. 8:00- 9:20 Lab 9:30-12:20 8:00-12:00	MTWTF MTWTF S	301 BCL	Sisler, Burket	Eng.
<b>CIVIL ENGINEERING</b>								
3	Summer Field Work¶	2		10 hrs. daily	MTWTF		Haines	Eng
<b>ECONOMICS</b>								
1E	Introductory Economics		3	7:30- 9:20	MTWTF	107 FS	Youngberg	Eng.
4	Economic History		2	10:30 10:30-12:20	MTWTF S	103 FS	Youngberg	CEng
144	Transportation		2	9:30 8:30-10:20	MTWTF S	119 FS	Pritchard	BCG
194	Business Law I		3	7:30- 9:20	MTWTF	109 M	————	BCGEng
<b>ENGINEERING DRAWING</b>								
1	Lettering and Freehand Drawing		2	8:30-12:20	MTWTF	301 M	Staff	Eng
<b>ENGLISH</b>								
1E	Composition I		3	1:30- 3:20	MTWTF	213 F	————	Eng
2E	Composition II	1 or 1E	2	9:30	MTWTFS	207 F	Emery	Eng
59	Advanced Composition	2 or 2E	3	1:30- 3:20	MTWTF	209 F	Emery	Eng C
<b>GEOGRAPHY</b>								
8	Geography of the Far East		2	10:30-11:20	MTWTFS	208 H	Posey	C

¶ Required of Sophomore Civil Engineering Students.

No.	Course	Prerequisite Courses	Cr.	Time	Day	Room	Instr.	Primarily Cr. in
<b>HISTORY</b>								
169	Modern Asia	5 hrs. Col. Hist.	3	8:30-10:20	MTWTF	111 FS	Davis	CG
<b>MATHEMATICS‡</b>								
2	Intermediate Algebra	1 yr. H.S. Alg.	2	8:30	MTWTFS	213 FS	Wheeler	C Eng
4	Analytic Geometry	2a or 2b and 3 or 3a; or 2c	5	8:00-10:20	MTWTFS	119 FS	Black	C Eng
15	Solid Geometry	1 yr. H.S. Geom.	2	7:30	MTWTFS	213 FS	Wheeler	C Eng
<b>MILITARY SCIENCE†</b>								
1	Military Science		1	Appt.	MTWTF	203 Fow		C Eng
3	Military Science Drill	1 & 2, or 1F & 2F	1	Appt. Appt.	MTWTF	203 Fow		C Eng
<b>PHYSICS</b>								
6	General Physics II	5	5	8:30-10:20 Lab. 1:30-3:20 and 8:30-10:20	MTWTF MTWTF S	203 B 110 B 110 B	Staff Staff Staff	C Eng
<b>POLITICAL SCIENCE</b>								
157	Intro. to Pub. Adm.	10 or per. of dept.	3	1:30-3:20	MTWTF	106 G	Chubb	BCG

‡ Courses 2 and 15 or their equivalents in high school credits are required for admission in good standing to the School of Engineering.

† MS 1 and MS 3 will require 2 hours per day for 5 days per week including drill.

## "Refresher" Course for Teachers of H.S. Mathematics (May 24-June 18)

**M90a—"Refresher" Course for Teachers of High School Mathematics. Four hours credit. This course will cover the content of elementary high school mathematics with suggestions for teaching. It is offered for teachers who wish to review the subject matter and get acquainted with the better methods of teaching. Intensive and inclusive.**

**Time 8:30-12:20MTWTF.**

**Ulmer and Peterson.**

**Enrollments in this course are to be made at the office of the Dean of the School of Education.**



Physical Conditioning - 16 weeks term

\$2.25 plus \$1.00 dep.

" " - 8 weeks term

\$1.50 " " "

" " - 5 weeks term

\$1.50 " " "

\$1.00

# UNIVERSITY OF KANSAS

## Class Schedule

Division.....  
 Department Women's P.E. Term Summer 19. 43

No.	Sec.	Course	Prerequisite Courses	Credit	Time	Day	Room	Bldg.	Instructor
		<i>16 weeks -</i>							
		Square + Folk Dance		1	2:30	MWF	104	R.	Schaack
		Rec. Sports		1	2:30	MWF	104	R	Schaack
		El. Swimming		1	2:30-3:20	TT	Pool	R	Schaack
		Int. Swimming		1	3:30-4:20	TT	Pool	R.	Schaack
		Q. Equestrian		1	3:30	MW	204	R	Mott
		El. Equestrian		1	4:30	TT	204	R	Mott
		Int. Equestrian		1	3:30	TT	204	R	Mott
		Ad. Equestrian		1	4:30	M.W	204	R	Mott
		Recreational Swimming		0	4:30	TT	Pool	R.	Schaack
		<del>Physical Education Manual</del>		2					
		<i>8 weeks -</i>							
		Reg. Ed. Program for High School Girls		2	1:30	MTWTF	101	R	Schaack
		Physical Education Manual							

(Signed)..... (Head of Dept.)



Any woman student who has advanced standing credit for two semesters of physical education shall be excused from taking the required two semesters of physical conditioning at this institution.