

1966

1966 Southern Illinois University Bulletin Carbondale Campus (Schedule of Classes for the Summer Quarter)

Southern Illinois University Carbondale

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Edwardsville, Illinois 62025

Schedule of Classes
Carbondale Campus
Summer, 1966



**Southern Illinois
University Bulletin**

This Bulletin

contains the schedule of summer classes to be offered by the Carbondale Campus, beginning June 20, 1966. It also provides information relative to admission, advisement, registration, and fees.

Schedule of Classes

Summer Quarter, 1966

Carbondale Campus

June 20-September 2

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University Calendar

Spring Quarter, 1966

Quarter Begins	Monday, March 28
Memorial Day Holiday	Monday, May 30
Final Examinations	Monday–Saturday, June 6–11
Commencement, Edwardsville	Thursday, June 9
Commencement, Carbondale	Friday, June 10

Summer Quarter, 1966

Quarter Begins	Monday, June 20
Independence Day Holiday	Monday, July 4
Final Examinations	Aug. 29–Sept. 2
Commencement (Carbondale)	Friday, September 2
Commencement (Edwardsville)	Saturday, September 3

Fall Quarter, 1966

New Student Week	Sunday–Tuesday, September 18–20
Quarter Begins	Wednesday, September 21
Thanksgiving Vacation	Wednesday–Monday, 8 A.M., November 23–28
Quarter Ends	Saturday, December 17

Registration Calendar

Summer Quarter, 1966

April 11–June 10. Advance registration period for students who were enrolled in the 1965 summer session or the 1966 spring quarter and for new and re-entry students who have cleared their admission status. New students are to refer to pages 1 and 2 for additional information relative to steps they must take before they may be advised and registered. Students registering on June 10 must be prepared to pay their fees when they register.

June 20. Summer quarter begins. Last day of regular registration. All students are expected to have completed registration by this date except for those registering **only** for short courses that start later than June 20. They may register on the first meeting day of class without late fee payment. Late fees apply in all other cases after this date.

June 21. Classes begin except for certain short courses having later starting dates. Program change processing will start.

June 25. Registration for the summer quarter ends except for short courses starting after this date. This also includes the registering into new courses or the changing of sections through the program change process.

July 1. Deadline for payment of fees by students whose fees were deferred.

July 2. Last day to withdraw from school to be eligible for a refund of fees.

July 8. Last day to withdraw from a course without receiving a grade for eight-week courses. Last day to change from credit to audit or vice versa.

July 15. Last day to withdraw from a course without receiving a grade for regular quarter courses. Last day to change from credit to audit or vice versa.

July 29. Last day for making a program change or withdrawing from school except under exceptional conditions for students registered for eight-week courses.

August 12. Last day for making a program change or withdrawing from school except under exceptional conditions for students registered for regular quarter courses.

General Information

1

ADMISSION

Inquiries concerning undergraduate admission to the Carbondale Campus should be directed to the Admissions Office. A student seeking admission as a degree student on the graduate level needs to have his application and a transcript from each institution previously attended forwarded to the Graduate School by the last Saturday in March. Otherwise he will be admitted as an unclassified student for the summer. A student seeking admission on the undergraduate level should have all necessary papers filed with the Admissions Office no later than May 15. Regular admission policies and procedures apply to the summer, except: (1) An undergraduate student attending another institution and expecting to graduate therefrom who desires to attend Southern during the summer only will be admitted as an unclassified student on the basis of a letter of good standing from the registrar of the institution which he is attending. (2) A high school senior who ranks in the lowest third (lower 60 percentiles for an out-of-state student) of his graduating class who is permitted to enter (on scholastic probation) for the summer must register for at least 8 hours, and he must complete his summer course work with a C average or better in order to continue in attendance during the fall. Otherwise, he must remain out of school until the 1967 winter quarter.

Students entering directly from high school must submit scores on the A.C.T. test as part of their admission requirements. Information as to when the A.C.T. tests are given may be secured from the high school counselor or by writing to the American College Testing Program, Box 168, Iowa City, Iowa.

REGISTRATION

The advance registration period for the 1966 summer quarter is from April 11 through June 10. During this period students in school during the spring quarter initiate the registration process by making an appointment with their advisers. New students may not be advised and register until after they have received notice that they have been admitted. Undergraduate transfer students, except those admitted as unclassified, may not be advised or register for two weeks after admission. Re-entry students (those not in school during the 1966 spring quarter or 1965 summer quarter) need to report to the Admis-

sions Office (undergraduate) or the Graduate School (graduate) for re-entry clearance.

During this period, offices are open from 8 A.M. to 12 noon and 1 to 5 P.M. Monday through Friday, and from 8:30 A.M. to 12 noon on Saturdays. On June 20, registration offices will be open from 8 A.M. to 12 noon and from 1 to 5 P.M. to register students who were unable to advance register.

F E E S

Under the current fee schedule, Illinois undergraduate students taking more than 8 hours pay the following fees:

Tuition	\$42.00
Student Welfare and Recreation Facilities	
Building Trust Fund Fee	15.00
Book rental	8.00
Activity fee	10.50
Student Union Building Fund Fee	5.00
Total	<u>\$80.50</u>

An Illinois undergraduate student taking 8 or fewer hours will pay half tuition and book rental, will have an option of paying the activity fee, and will pay the full student union building fund fee. He will not pay the student welfare and recreation facility building trust fund fee. Once an option has been made by a student at the time of registration as to whether or not to pay the activity fee, such option is irrevocable. A part-time student, then, will pay either \$30.00 or \$40.50.

Out-of-state students will pay an additional tuition of \$80 if taking more than 8 hours and an additional \$40 if taking 8 hours or fewer.

Graduate students do not pay the book rental fee, otherwise their tuition and fees are the same as undergraduates.

Students having special fee status, such as scholarship holders, faculty, and staff, will pay fees according to their particular status.

A student who officially withdraws on or before July 2 may obtain a full refund of fees provided his application for a refund is submitted to the Registrar's Office not later than July 5. Official withdrawal from the University is initiated at the Student Affairs Office.

H O U S I N G

Both single and married students, interested in University housing for the summer quarter, should contact the University Housing Office. Information is also available concerning off-campus housing.

SPECIAL INSTRUCTIONAL PROGRAMS

Field courses, workshops, and other special programs offered during the summer for credit are listed in the following schedule.

Schedule of Classes

2

Courses are listed numerically within each subject-matter area. The entry for each course is arranged as follows:
Bold-Face Line: The courses's identification number is followed by the number of quarter hours of credit and the descriptive title. A dotted line separates the title from the prerequisite, which appears at the right-hand end of the first line and may continue to the second line. **Light-Face Lines:** The first column lists the section numbers for summer classes. Following each section number are the time the class begins and the time it ends. The days on which the class meets, the place where it meets, and the instructor's last name complete the entry.

Buildings which house summer classrooms are listed below. If a building contains more than one classroom, then the number (or letter) of the room is separated from the building's code. For example, **M 314** means room number 314 in Old Main; **T32 R111** means room 111 in building T32.

A	Allyn Building
Ag	Agriculture Building
Alg	Altgeld Hall
Arena	S.I.U. Arena
Aud	Shryock Auditorium
Bowling Alley	in the University Center
Browne	Browne Auditorium
Cl	Classroom Building
Comm	Communications Building
EL	Applied Science Laboratories
Gym	Gymnasium
H	a numbered temporary building
HEc	Home Economics Building
L	Lawson Hall
LG	Little Grassy Lake
LS	Life Science Building
M	Old Main
P	Parkinson Laboratory
Pool	University Swimming Pool
Pull	Pulliam Hall
R	a Religious Foundation
T	a numbered temporary building
Tech	Technology Building
Tennis	Tennis Courts
Stad	McAndrew Stadium
Wh	Wheeler Hall
Wham	Wham Education Building

4 GENERAL STUDIES AREA A (GSA)

Course No.—Hours Descriptive Title
 Summer Time Days Place Instructor

GENERAL STUDIES AREA A—
 MAN'S PHYSICAL ENVIRONMENT
 AND BIOLOGICAL INHERITANCE
 (GSA)

101a-3	Introduction to Physical Science					
1	7:30-8:20	M	W	F	Browne	
2	1:30-2:20	M	W	F	Browne	
101b-3	Introduction to Physical Science					101a
1	8:30-9:20	M	W	F	Browne	
CHEM 101b-1	Optional Laboratory for GSA 101b					Concurrent enrollment in 101b
1	9:30-12:20	Tu			P 200	
2	9:30-12:20		Th		P 200	
3	12:30-3:20	Tu			P 200	
4	12:30-3:20		Th		P 200	
101c-3	Introduction to Physical Science					101b
1	10:30-11:20	M	W	F	Browne	
CHEM 101c	Optional Laboratory for GSA 101c					Concurrent enrollment in 101c
1	9:30-12:20	Tu			P 213	
2	9:30-12:20		Th		P 213	
3	12:30-3:20	Tu			P 213	
4	12:30-3:20		Th		P 213	
200-3	Earth Science					100c
1	7:30-8:20	M	W	F	Ag 166	Bell
2	1:30-2:20	M	WTh		Wham 308	Bell
200-3	Optional Laboratory for GSA 200					
1	7:30-9:20		Th		Ag 174	
2	12:30-2:30	Tu			Ag 174	
321-3	Introduction to Paleontology					200
1	12:30-1:20	Tu	Th		L 101	Miller
	12:30-1:20	M			Ag 170	
2	12:30-1:20	Tu	Th		L 101	Miller
	12:30-1:20		W		Ag 170	
3	12:30-1:20	Tu	Th		L 101	Miller
	12:30-1:20			F	Ag 170	
4	12:30-1:20	Tu	Th		L 101	Miller
	1:30-2:20	M			Ag 170	
110a-3	Earth and its Environment Laboratory					
1	10:30-11:20	MTu		F	L 151	Jones
	Auto-tutorial		WTh		to be arranged	Harris
110b	Earth and its Environment Laboratory					
1	8:30-9:20	M	WTh		L 201	Harris
	Auto-tutorial			F	to be arranged	Jones
201a-3	Man's Biological Inheritance					101c
1	7:30-8:20	M	W		L 151	
	7:30-8:20		Tu		H27 c	
2	7:30-8:20	M	W		L 151	
	9:30-11:20		Tu		H27 c	
3	7:30-8:20	M	W		L 151	
	12:30-2:20		Tu		H27 c	
4	7:30-8:20	M	W		L 151	
	8:30-10:20		W		H27 c	
5	7:30-8:20	M	W		L 151	
	10:30-12:20		W		H27 c	
6	7:30-8:20	M	W		L 151	
	12:30-2:20		W		H27 c	
7	7:30-8:20	M	W		L 151	
	9:30-11:20		Th		H27 c	
8	7:30-8:20	M	W		L 151	
	11:30-12:20		Th		H27 c	
9	7:30-8:20	M	W		L 151	
	1:30-2:20		Th		H27 c	
10	7:30-8:20	M	W		L 151	
	7:30-9:20			F	H27 c	
11	7:30-8:20	M	W		L 151	
	9:30-11:20			F	H27 c	
12	7:30-8:20	M	W		L 151	
	12:30-2:20			F	H27 c	
201b-3	Man's Biological Inheritance					201a
1	8:30-9:20	Tu	Th		LS 133	
	12:30-9:20		Tu		H26 a	
2	8:30-9:20	Tu	Th		LS 133	
	7:30-9:20		W		H26 a	

Course No.—Hours Summer	Descriptive Title Time	Days	Place	Instructor
3	8:30-9:20 12:30-2:20	Tu Th W	LS 133 H26 a	
4	8:30-9:20 9:30-11:20	Tu Th Th	LS 133 H26 a	
5	8:30-9:20 12:30-2:20	Tu Th Th	LS 133 H26 a	
6	8:30-9:20 7:30-9:20	Tu Th F	LS 133 H26 a	
7	8:30-9:20 12:30-2:20	Tu Th F	LS 133 H26 a	
201c-3	Man's Biological Inheritance			201b
1	8:30-9:20 12:30-2:20	W F W	LS 133 H26 c	
2	8:30-9:20 7:30-9:20	W F Th	LS 133 H26 c	
3	8:30-9:20 12:30-2:20	W F Th	LS 133 H26 c	
301-4	Principles of Physiology			201c
1	8:30-9:20 8:30-10:20	M W F Tu	LS 205 LS 113	
2	8:30-9:20 8:30-10:20	M W F Th	LS 205 LS 113	
312-3	Conservation of Natural Resources			1 year Biology
1	7:30-8:20	M W F	LS 133	
313-3	Evolution			1 year Biology
1	2:30-3:20	M W F	Wham 302	
331-3	Climate			
1	7:30-8:20	M W F	L 141	Cunningham
345-3	Economic Botany			201c
1	9:30-10:20	M W F	L 231	Welch
2	10:30-11:20	M W F	L 231	Welch
358a-3	Analysis of Physical Systems			101-9, GSD 114c
1	7:30-8:20 7:30-9:20	Tu Th M	EL 130 EL 110	
358b-3	Analysis of Physical Systems			101-9, GSD 114c
1	8:30-9:20 7:30-9:20	Tu Th W	EL 110 EL 110	
361-3	Acoustics of Music			
	10:30-11:20	TuW F	Alg 116	Gordon

**GENERAL STUDIES AREA B—MAN'S
SOCIAL INHERITANCE AND
SOCIAL RESPONSIBILITIES—(GSB)**

101a-3	Man and Culture in Time and Space			101b & c preferred
1	8:30-9:20	M W F	M 302	
2	8:30-9:20	M W F	HEC 102	
3	8:30-9:20	M W F	HEC 106	
4	8:30-9:20	M W F	M 301	
5	8:30-9:20	M W F	HEC 201	
6	8:30-9:20	M W F	HEC 206	
7	8:30-9:20	M W F	M 105	
8	1:30-2:20	M W F	M 302	
9	1:30-2:20	M W F	HEC 201	
10	1:30-2:20	M W F	M 301	
11	1:30-2:20	M W F	M 201	
12	1:30-2:20	M W F	HEC 102	
13	1:30-2:20	M W F	HEC 106	
14	1:30-2:20	M W F	HEC 206	
101b-3	Survey of Western Tradition			
1	9:30-10:20	MTu Th	L 151	
2	2:30-3:20	M W F	L 151	
101c-3	Survey of Western Tradition			
1	8:30-9:20	TuWTh	L 151	
2	12:30-1:20	M W F	L 151	
201a-3	Culture, Society and Behavior			
1	10:30-11:20 7:30-8:20	M W Th	Tech A111 M 203b	
2	10:30-11:20 8:30-9:20	M W Th	Tech A111 Wham 305	
3	10:30-11:20 9:30-10:20	M W Th	Tech A111 M 201	
4	10:30-11:20 10:30-11:20	M W Th	Tech A111 M 203b	
5	10:30-11:20 11:30-12:20	M W Th	Tech A111 HEL 102	

6 GENERAL STUDIES AREA B (GSB)

Course No.—Hours Summer	Descriptive Title Time	Days	Place	Instructor
201a-3	Culture, Society and Behavior			
6	10:30-11:20	M W	Tech A111	
	12:30-1:20	Th	M 203b	
7	12:30-1:20	M W	Tech A111	
	7:30-8:20	F	HEc 306	
8	12:30-1:20	M W	Tech A111	
	8:30-9:20	F	HEc 306	
9	12:30-1:20	M W	Tech A111	
	9:30-10:20	F	HEc 306	
10	12:30-1:20	M W	Tech A111	
	10:30-11:20	F	HEc 306	
11	12:30-1:20	M W	Tech A111	
	11:30-12:20	F	Wham 317	
12	12:30-1:20	M W	Tech A111	
	12:30-1:20	F	Wham 321	
201b-3	Culture, Society, and Behavior			
1	7:30-8:20	M W F	L 231	Petroff
2	8:30-9:20	M W F	Wham 319	
3	9:30-10:20	M W F	L 231	Petroff
4	10:30-11:20	M W F	M 105	
5	11:30-12:20	M W F	Wham 305	
6	12:30-1:20	M W F	HEc 206	Wenner
7	1:30-2:20	M W F	Wham 321	
8	2:30-3:20	M W F	Wham 319	
9	7:30-8:20	M W F	LSG 16	McMillin
10	8:30-9:20	M W F	Wham 328	
11	9:30-10:20	M W F	AG 146	
r12	10:30-11:20	M W F	M 210	
r13	12:30-1:20	M W F	L 201	
r14	1:30-2:20	M W F	GYM 205	
201c-3	Culture, Society and Behavior			201a
1	10:30-11:20	M W	L 141	Carrier
	8:30-10:20	Th	Comm 116	
2	10:30-11:20	M W	L 141	Carrier
	10:30-12:20	Th	Comm 116	
3	10:30-11:20	M W	L 141	Carrier
	12:30-2:20	Th	Comm 116	
4	10:30-11:20	M W	L 141	Carrier
	7:30-9:20	F	Comm 114	
5	10:30-11:20	M W	L 141	Carrier
	9:30-11:20	F	Comm 116	
6	10:30-11:20	M W	L 141	Carrier
	11:30-1:20	F	Comm 116	
7	10:30-11:20	M W	L 141	Carrier
	7:30-9:20	Th	Ag 224	
8	10:30-11:20	M W	L 141	Carrier
	10:30-12:20	Th	Ag 224	
r9	10:30-11:20	M W	L 141	Carrier
	7:30-9:20	F	Ag 222	
r10	10:30-11:20	M W	L 141	Carrier
	9:30-11:20	F	Ag 220	
211a-3	Political Economy			
1	7:30-8:20	M W F	L 121	Hand
2	10:30-11:20	M W F	L 121	Hand
211b-3	Political Economy			
1	7:30-8:20	M W F	Wham 208	
2	8:30-9:20	M W F	Wham 208	
3	9:30-10:20	M W F	M 302	
4	10:30-11:20	M W F	M 209	
5	10:30-12:20	M W F	Wham 208	
6	12:30-1:20	M W F	HEc 201	
211c-3	Political Economy			211a
1	8:30-9:20	M W F	M 207	
2	10:30-11:20	M W F	M 302	
300a-3	History of the United States (to 1815)			
1	11:30-12:20	M W F	L 151	
300b-3	History of the United States			
1	7:30-8:20	M W F	L 161	Adams
303-3	International Relations			
1	10:30-11:20	M W F	L 221	
2	1:30-2:20	M W F	Wham 203	
311-3	Economic Development of the United States			101a or 211c
1	12:30-1:20	M W F	M 201	
312-3	Comparative Economic Systems			101a or 211c
1	11:30-12:20	M W F	M 201	Haitani
314-3	Economic Analysis of the Agricultural Policies of the United States			211b

Course No.—Hours Summer	Descriptive Title Time	Days	Place	Instructor
325-3	1 Race & Minority Relations	10:30-11:20 M W F	Ag 214	Mitchell 201b
331-3	1 The American Educational Systems	8:30-9:20 M W F	Ag 214	Patterson
	2	7:30-8:20 Tu ThF	Wham 305	
	3	8:30-9:20 M W F	Wham 305	
	4	9:30-10:20 M W F	Wham 305	
	5	10:30-11:20 M W F	Wham 305	
341-3	1 Marriage	7:30-8:20 M W F	Ag 214	Snyder 201b
	2	9:30-10:20 M W F	Ag 214	Patterson
385-3	1 Contemporary Political "Isms"	8:30-9:20 M W F	M 209	
390-3	1 Introduction to Comparative Governments	10:30-11:20 M W F	HEc 203	
	2	1:30-2:20 M W F	Wham 208	

GENERAL STUDIES AREA C — MAN'S INSIGHTS AND APPRECIATIONS (GSC)

100-3	1 Music Understanding	11:30-12:20 M W F	L 161	Rose, Hanes
	2	12:30-1:20 Tu ThF	L 161	
101-3	1 Art Appreciation	12:30-1:20 Tu Th	Browne	Magnus
	1	1:30-3:20 M	A 106	
	2	12:30-1:20 Tu Th	Browne	Magnus
	2	1:30-3:20 W	A 106	
	3	12:30-1:20 Tu Th	Browne	Magnus
	3	10:30-12:20 F	A 106	
	4	12:30-1:20 Tu Th	Browne	Magnus
	4	7:30-9:20 M	A 106	
	5	12:30-1:20 Tu Th	Browne	Magnus
	5	10:30-12:20 M	A 106	
	6	12:30-1:20 Tu Th	Browne	Magnus
	6	7:30-9:20 W	A 106	
	7	12:30-1:20 Tu Th	Browne	Magnus
	7	10:30-12:20 W	A 106	
	8	12:30-1:20 Tu Th	Browne	Magnus
	8	7:30-9:20 F	A 106	
	9 ¹	to be arranged	A 111	
102-3	1 Problems of Moral Decision	9:30-10:20 M W	L 141	McClure
		10:30-11:20 W	HEc 104	
	2	9:30-10:20 M W	L 141	McClure
		12:30-1:20 W	HEc 104	
	3	9:30-10:20 M W	L 141	McClure
		1:30-2:20 W	HEc 104	
	4	9:30-10:20 M W	L 141	McClure
		8:30-9:20 Th	HEc 202	
	5	9:30-10:20 M W	L 141	McClure
		10:30-11:20 Th	HEc 202	
	6	9:30-10:20 M W	L 141	McClure
		12:30-1:20 Th	HEc 202	
	7	9:30-10:20 M W	L 141	McClure
		1:30-2:20 Th	HEc 202	
	8	9:30-10:20 M W	L 141	McClure
		8:30-9:20 F	M 203	
	9	9:30-10:20 M W	L 141	McClure
		9:30-10:20 F	M 203	
	10	9:30-10:20 M W	L 141	McClure
		10:30-11:20 F	HEc 208	
	11	9:30-10:20 M W	L 141	McClure
		12:30-1:20 F	HEc 208	
	12	9:30-10:20 M W	L 141	McClure
		1:30-2:20 F	HEc 208	
	13	12:30-1:20 Tu Th	L 141	Goedecke
		12:30-1:20 M	HEc 208	
	14	12:30-1:20 Tu Th	L 141	Goedecke
		1:30-2:20 M	HEc 208	
	15	12:30-1:20 Tu Th	L 141	Goedecke
		8:30-9:20 Tu	HEc 202	
	16	12:30-1:20 Tu Th	L 141	Goedecke
		9:30-10:20 Tu	HEc 202	

¹ Audio-Tutorial

8 GENERAL STUDIES AREA C (GSC)

Course No.—Hours Summer	Descriptive Title Time	Days	Place	Instructor
103-3	Masterpieces of Literature			
1	9:30-10:20	Tu Th	L 141	
	9:30-10:20	M	M 206	
2	9:30-10:20	Tu Th	L 141	
	9:30-10:20	W	M 206	
3	9:30-10:20	Tu Th	L 141	
	9:30-10:20	F	M 206	
4	9:30-10:20	Tu Th	L 141	
	9:30-10:20	M	HEc 306	
5	9:30-10:20	Tu Th	L 141	
	9:30-10:20	W	HEc 306	
6	9:30-10:20	Tu Th	L 141	
	9:30-10:20	F	Wham 303	
7	9:30-10:20	Tu Th	L 141	
	9:30-10:20	M	HEc 203	
8	1:30-2:20	Tu Th	L 161	
	1:30-2:20	M	M 102	
9	1:30-2:20	Tu Th	L 161	
	1:30-2:20	W	M 102	
10	1:30-2:20	Tu Th	L 161	
	1:30-2:20	F	M 102	
11	1:30-2:20	Tu Th	L 161	
	1:30-2:20	M	M 308	
12	1:30-2:20	Tu Th	L 161	
	1:30-2:20	W	M 308	
13	1:30-2:20	Tu Th	L 161	
	1:30-2:20	F	M 308	
14	1:30-2:20	Tu Th	L 161	
	1:30-2:20	M	M 203	
200-3	Oral Interpretation of Literature			
1	1:30-2:20	MTu ThF	Comm 118	Kleinau
2	9:30-10:20	TuWThF	Comm 118	Kleinau
201-3	Introduction to Drama			
1	7:30-8:20	M W F	HEc 202	
2	8:30-9:20	M W F	HEc 202	
3	9:30-10:20	M W F	HEc 202	
4	10:30-11:20	M W F	HEc 202	
5	11:30-12:20	M W F	HEc 202	
6	12:30-1:20	M W F	HEc 202	
7	1:30-2:20	M W F	HEc 202	
8	2:30-3:20	M W F	HEc 202	
202-3	Introduction to Poetry			
1	7:30-8:20	M W F	HEc 122	
2	9:30-10:20	M W F	M 102a	
3	10:30-11:20	M W F	Wham 319	
4	11:30-12:20	M W F	HEc 306	
5	1:30-2:20	M W F	HEc 306	
6	2:30-3:20	M W F	HEc 306	
203-3	Drama and the Arts of the Theater			
1	10:30-11:20	Tu Th	Comm 161	Abrams
	1:30-2:20	Th	Comm 161	
2	10:30-11:20	Tu Th	Comm 161	Abrams
	2:30-3:20	Th	Comm 161	
3	10:30-11:20	Tu Th	Comm 161	Abrams
	1:30-2:20	F	Comm 161	
4	10:30-11:20	Tu Th	Comm 161	Abrams
	2:30-3:20	F	Comm 161	
204-3	Meaning in the Visual Arts			
1	8:30-9:20	M W F	L 141	Magnus
205-3	The Contemporary Environment			
1	9:30-11:20	Tu	L 161	Grosowsky
	10:30-11:20	Th	L 161	Grosowsky
206-3	Foundation of Music			
1	11:30-12:20	Tu ThF	Alg 116	Miller
2	12:30-1:20	M W F	Alg 116	
207-3	Philosophy of the Beautiful			
1	10:30-11:20	Tu Th	HEc 206	Pittman
	8:30-9:20	F	Wham 201	
2	10:30-11:20	Tu Th	HEc 206	Pittman
	9:30-10:20	F	Wham 205	
3	10:30-11:20	Tu Th	HEc 206	Pittman
	12:30-1:20	F	Wham 301A	
208-3	Logic and Meaning			
1	7:30-8:20	M W	Wham 308	Moore
	12:30-1:20	W	HEc 202	
2	7:30-8:20	M W	Wham 308	Moore
	1:30-2:20	W	HEc 202	

Course No.—Hours Summer	Descriptive Title Time	Days		Place	Instructor	
3	7:30-8:20	M	W	Wham 308	Moore	
	8:30-9:20		Th	HEc 202		
4	7:30-8:20	M	W	Wham 308	Moore	
	9:30-10:20		Th	HEc 202		
209-3	Modern Literature—Form and Idea	.....			
1	7:30-8:20	M	W	F	M 301	
2	7:30-8:20	M	W	F	M 206	
3	8:30-9:20	M	W	F	M 306a	
4	9:30-10:20	M	W	F	M 306a	
5	10:30-11:20	M	W	F	M 306a	
6	11:30-12:20	M	W	F	M 306a	
7	11:30-12:20	M	W	F	M 306	
8	12:30-1:20	M	W	F	M 306a	
9	1:30-2:20	M	W	F	M 301	
10	2:30-3:20	M	W	F	M 306a	
11	2:30-3:20	M	W	F	M 102	
210-3	Introduction to Fiction	.....			
1	8:30-9:20	M	W	F	M 306	
2	9:30-10:20	M	W	F	M 306	
3	10:30-11:20	M	W	F	M 306	
4	12:30-1:20	M	W	F	M 306	
5	1:30-2:20	M	W	F	M 306	
6	2:30-3:20	M	W	F	M 306	
301-3	Introduction to Semantics	.....			
1	8:30-9:20	M	W	F	M 308	
317-3	Recent American Literature	.....			
1	11:30-12:20	M	W	F	M 203	
2	2:30-3:20	M	W	F	HEc 106	
335-3	Studies in Short Fiction	.....			
1	8:30-9:20	M	W	F	M 312	
2	10:30-11:20	M	W	F	M 308	
3	12:30-1:20	M	W	F	M 206	
4	1:30-2:20	M	W	F	M 313	
345-3	World Literature	.....			
1	10:30-11:20	M	W	F	M 206	
2	11:30-12:20	M	W	F	HEc 106	
3	12:30-1:20	M	W	F	M 203b	
4	2:30-3:20	M	W	F	M 206	
357a-3	Music History and Literature			Music 105c or GSC 206		
1	10:30-11:20	M	WThF	Alg 115	Morgan	
365-3	Shakespeare	.....			
1	7:30-8:20	M	W	F	Wham 317	
2	9:30-10:20	M	W	F	M 313	
3	10:30-11:20	M	W	F	M 313	
381-3	Greek Philosophy	.....			
1	8:30-9:20	M	W	F	HEc 208	Baralt
382-3	Graeco Roman and Medieval Philosophies	.....			
1	9:30-10:20	M	W	F	HEc 208	Moore
383-3	Early Modern Philosophy	.....			
1	10:30-11:20	M	W	F	HEc 206	Goedecke

**GENERAL STUDIES AREA D—
ORGANIZATION AND
COMMUNICATION OF IDEAS (GSD)**

101a-3	English Composition	.....		
1	7:30-8:20	M	W	F	HEc 201
2	7:30-8:20	M	W	F	HEc 208
3	7:30-8:20	M	W	F	M 203b
4	7:30-8:20	M	W	F	M 303
5	8:30-9:20	M	W	F	M 303
6	8:30-9:20	M	W	F	Ag 146
7	8:30-9:20	M	W	F	Ag 168
8	8:30-9:20	M	W	F	Ag 224
9	9:30-10:20	M	W	F	HEc 201
10	9:30-10:20	M	W	F	M 303
11	9:30-10:20	M	W	F	M 312
12	9:30-10:20	M	W	F	M 308
13	10:30-11:20	M	W	F	M 312
14	10:30-11:20	M	W	F	Comm 108
15	10:30-11:20	M			Comm 116
	10:30-11:20		W	F	Comm 110
16	10:30-11:20	M	W	F	M 301
17	10:30-12:20	M	W	F	HEc 208
18	11:30-12:20	M	W	F	M 303
19	10:30-12:20	M	W	F	M 308
20	12:30-1:20	M	W	F	M 303

10 GENERAL STUDIES AREA D (GSD)

Course No.—Hours	Descriptive Title	Time	Days	Place	Instructor
101a-3	English Composition				
21	12:30-1:20	M W F	M 308		
22	12:30-1:20	M W F	M 312		
23	1:30-2:20	M W F	M 303		
24	1:30-2:20	M W F	M 312		
25	1:30-2:20	M W F	Wham 206		
26	2:30-3:20	M W F	HEc 118		
27	2:30-3:20	M W F	HEc 201		
28	2:30-3:20	M W F	HEc 208		
101b-3	English Composition				101a
1	7:30-8:20	M W F	M 201		
2	8:30-9:20	M W F	P 111		
3	9:30-10:20	M W F	M 301		
4	10:30-12:20	M W F	M 312		
5	12:30-1:20	M W F	M 313		
6	1:30-2:20	M W F	Wham 107		
103-3	Oral Communication of Ideas				
1	7:30-8:20	Tu ThF	Comm 110		
	11:30-12:20	M	CL 12		
2	8:30-9:20	MTu Th	Comm 113		
	11:30-12:20	M	C 12		
3	9:30-10:20	Tu ThF	Comm 110		
	11:30-12:20	M	CL 18		
4	10:30-11:20	MTu Th	Comm 110		
	11:30-12:20	M	CL 18		
5	11:30-12:20	Tu ThF	Comm 110		
	11:30-12:20	M	Wham 308		
6	11:30-12:20	Tu ThF	Comm 113		
	11:30-12:20	M	Wham 308		
7	12:30-1:20	M W F	Comm 110		
	11:30-12:20	M	Ag 216		
8	12:30-1:20	MTu Th	Comm 118		
	11:30-12:20	M	Ag 216		
9	1:30-2:20	Tu ThF	Comm 110		
	11:30-12:20	M	Wham 210		
10	1:30-2:20	M W F	Comm 116		
	11:30-12:20	M	Wham 210		
11	9:30-10:20	WThF	Comm 113		
	11:30-12:20	M	Wham 302		
12	11:30-12:20	TuW F	Comm 118		
	11:30-12:20	M	Wham 302		
13	11:30-12:20	MTu Th	Comm 120		
	11:30-12:20	F	Comm 42		
14	11:30-12:20	MTu Th	Comm 122		
	11:30-12:20	F	Comm 42		
15	7:30-8:20	MTuW F	Comm 113		
16	9:30-10:20	MTuWTh	Comm 108		
106-0	Intermediate Algebra				
1	7:30-8:20	TuWThF	M 309		
2	9:30-10:20	TuWThF	HEc 203		
3	11:30-12:20	M WThF	HEc 203		
t4	1:30-2:20	TuWThF	Gym 204		
5	2:30-3:20	MTuWTh	HEc 203		
t6	2:30-3:20	MTuWTh	HEc 102		
108a-3	Fundamentals of Mathematics				106 or H.S.
1	7:30-8:20	MTu Th	Comm 114		
2	8:30-9:20	M	HEc 306		
	8:30-9:20	Tu Th	HEc 303		
t3	8:30-9:20	M	M 214		
	8:30-9:20	Tu Th	HEc 201		
4	9:30-10:20	TuW F	M 309		
5	10:30-11:20	M W F	Comm 113		
t6	10:30-11:20	M W F	to be arranged		
7	12:30-1:20	Tu Th	HEc 102		
	12:30-1:20	F	M 102		
8	1:30-2:20	M W F	HEc 303		
t9	1:30-2:20	M W F	Wham 113		
108b-3	Fundamentals of Mathematics				108a
1	7:30-8:20	TuW F	M 311		
2	9:30-10:20	M W F	M 311		
t3	9:30-10:20	M W F	M 207		
4	11:30-12:20	TuW F	HEc 303		
108c-3	Fundamentals of Mathematics				108b or 114b
1	7:30-8:20	M WTh	M 312		
2	8:30-9:20	TuW F	M 309		
t3	8:30-9:20	M W F	to be arranged		
4	12:30-1:20	M W	Comm 116		

Course No.—Hours Summer	Descriptive Title Time	Days	Place	Instructor
	12:30-1:20	Th	Comm 114	
r5	12:30-1:20	M WTh	to be arranged	
110-3	Economic & Business Statistics			108b or 114b
1	11:30-12:20	M W F	L 121	Marks
2	1:30-2:20	M W F	L 231	Marks
114a-3	College Algebra and Trigonometry			106 or H.S.
1	8:30-9:20	Tu ThF	M 310	
2	10:30-11:20	MTu Th	M 309	
r3	10:30-11:20	MTu Th	to be arranged	
4	11:30-12:20	Tu ThF	HEc 118	
5	2:30-3:20	M W F	HEc 206	
r6	2:30-3:20	M W F	M 201	
114b-3	College Algebra and Trigonometry			114a
1	9:30-10:20	MTu Th	M 210	
2	11:30-12:20	MTu Th	Wham 317	
3	1:30-2:20	MTu Th	Comm 122	
114c-3	College Algebra and Trigonometry			114a
1	10:30-11:20	MTu Th	M 311	
2	2:30-3:20	Tu ThF	Comm 120	
r3	2:30-3:20	Tu ThF	Wham 112	
123a-3, 123b-3, 123c-3	Elementary French			Must be taken as a unit for 9 hrs.
1	7:30-9:20	MTuWThF	Wh 207	
2	9:30-11:20	MTuWThF	Wh 207	
123c	Elementary French			123b
3	12:30-1:20	M W F	Wh 207	
4	10:30-11:20	MTu Th	Wh 214	
126a-3, 126b-3, 126c-3	Elementary German			Must be taken as a unit for 9 hrs.
1	7:30-8:20	Tu Th S	M 102a	
	7:30-9:20	M W F	M 102a	
2	9:30-11:20	MTuWThF	M 214	
126c	Elementary German			126b
3	8:30-9:20	Tu Th S	M 214	
4	10:30-11:20	M W F	M 201	
126c-1	German Conversation			Concurrent enrollment in GSD 126c
1	8:30-9:20	W	M 214	
136a-3, 136b-3, 136c-3	Elementary Russian			Must be taken as a unit for 9 hrs.
1	8:30-10:20	MTuWThF	Ag 116	
140a-3, 140b-3, 140c-3	Elementary Spanish			Must be taken as a unit for 9 hrs.
1	8:30-10:20	MTuWThF	Wh 214	
2	10:30-12:20	MTuWThF	HEc 201	
140c-3	Elementary Spanish			140b
3	10:30-11:20	M W F	HEc 102	
4	12:30-1:20	MTu Th	Wham 212	

GENERAL STUDIES AREA E — HEALTH AND PHYSICAL DEVELOPMENT (GSE)

101a-1	Beginning Swimming (Men)			
1	9:30-10:20	M W F	Pool	Holder
r2	10:30-11:20	M W F	Pool	
3	11:30-12:20	M W F	Pool	Iubelt
102-1	Physical Fitness (Men)			
1	7:30-8:20	MTu Th	Arena	Greene
2	8:30-9:20	MTu Th	Arena	Greene
3	9:30-10:20	M W F	Arena	Okita
4	10:30-11:20	MTu Th	Arena	Lutz
5	11:30-12:20	MTu Th	Arena	Lutz
r6	12:30-1:20	MTu Th	Arena	
r7	7:30-8:45	W F	Arena	
r8	9:30-10:45	W F	Arena	
104b-1	Badminton (Men)			
r1	12:30-1:20	M W F	Arena	
r2	1:30-2:20	M W F	Arena	
r3	11:30-12:45	Tu Th	Arena	
104d-1	Bowling (Men) (Fee required)			
r1	7:30-8:20	MTu Th	Bowling Alley	
r2	8:30-9:20	MTu Th	Bowling Alley	
3	9:30-10:20	MTu Th	Bowling Alley	Meade
4	10:30-11:20	MTu Th	Bowling Alley	Meade
r5	11:30-12:20	MTu Th	Bowling Alley	
r6	12:30-1:20	MTu Th	Bowling Alley	

12 GENERAL STUDIES AREA E (GSE)

Course No.—Hours	Descriptive Title	Time	Days	Place	Instructor
104e-1	Golf (Men)				
	r1	9:30-10:20	M W F	Arena	
	2	10:30-11:20	M W F	Arena	Wilkinson
	r3	12:30-1:20	M W F	Arena	
	r4	1:30-2:20	M W F	Arena	
	r5	7:30-8:45	Tu Th	Arena	
	r6	8:30-9:45	Tu Th	Arena	
	r7	9:30-10:45	Tu Th	Arena	
	8	10:30-11:45	Tu Th	Arena	Wilkinson
	9	11:30-12:45	Tu Th	Arena	Holder
104h-1	Tennis (Men)				
	1	7:30-8:20	MTu Th	Tennis	Hartzog
	2	8:30-9:20	MTu Th	Tennis	Hartzog
	3	9:30-10:20	MTu Th	Tennis	LeFevre
	r4	11:30-12:20	MTu Th	Tennis	
	r5	12:30-1:20	MTu Th	Tennis	
	r6	8:30-9:45	W F	Tennis	
	r7	9:30-10:45	Tu F	Tennis	
104j-1	Softball (Men)				
	r1	7:30-8:20	MTu Th	Arena	
	2	8:30-9:20	MTu Th	Arena	Martin
	3	9:30-10:20	MTu Th	Arena	Martin
	r4	10:30-11:20	MTu Th	Arena	
104x-1	Handball (Men)				
	r1	7:30-8:20	MTu Th	Handball	
	r2	8:30-9:20	MTu Th	Handball	
	r3	9:30-10:20	M W F	Handball	
	r4	10:30-11:20	M W F	Handball	
111a-1	Beginning Swimming (Women)				
	1	7:30-8:20	M W F	Pool	Thorpe
	2	8:30-9:20	M W F	Pool	Thorpe
	3	12:30-1:20	M W F	Pool	Stehr
111b-1	Intermediate Swimming (Women)				111a or Equivalent
	1	8:30-9:20	M W F	Pool	West
	r2	12:30-1:20	M W F	Pool	
112-2	Basic Body Movement (Women)				
	1	7:30-8:20	M W F	Gym 208	Wood
	r2	8:30-9:20	M W F	Gym 208	
113d-1	Beginning Contemporary Dance (Women)				
	1	7:30-8:45	Tu Th	Gym 207	West
	r2	8:30-9:20	M W F	Gym 207	
	r3	10:30-11:20	M W F	Gym 207	
114a-1	Archery (Women)				
	1	7:30-8:45	Tu Th	Gym 208	Thorpe
	r2	7:30-8:20	M W F	Gym 208	
	r3	8:30-9:20	M W F	Gym 207	
114d-1	Bowling (Women)				
	r1	8:30-9:20	M W F	Bowling Alley	
114e-1	Golf (Women)				
	1	7:30-8:20	M W F	Gym 114	Stehr
	2	8:30-9:20	M W F	Gym 114	Stehr
	3	9:30-10:20	M W F	Gym 114	Thorpe
	4	10:30-11:20	M W F	Gym 114	Wood
114h-1	Tennis (Women)				
	1	7:30-8:45	Tu Th	Gym 114	Wood
	r2	9:30-10:45	Tu Th	Gym 207	
	r3	9:30-10:45	M W	Gym 207	
	4	11:30-12:45	Tu Th	Gym 114	Wood
201-3	Healthful Living				
	1	7:30-8:20	MTu Th	LG	
	2	7:30-8:20	M W F	Arena 121	
	3	7:30-8:20	Tu Th	Arena 121	
	3	7:30-8:20	W	Arena 123	
	4	8:30-9:20	M W F	Arena 121	
	5	8:30-9:20	Tu Th	Arena 121	
	5	8:30-9:20	F	Arena 125	
	6	9:30-10:20	M W F	Arena 121	
	7	9:30-10:20	M W F	Arena 123	
	8	9:30-10:20	M W F	M 201	
	9	10:30-11:20	M W F	Arena 121	
	10	10:30-11:20	Tu Th	Arena 121	
	10	10:30-11:20	F	Arena 125	
	11	11:30-12:20	M W F	Arena 121	
	12	11:30-12:20	M W F	Wh 107	
	13	11:30-12:20	M W F	Gym 204	

Note—All entering women students who cannot pass a swimming safety test must take beginning swimming

Course No.—Hours Summer	Descriptive Title Time	Days	Place	Instructor
14	12:30-1:20	M W F	Arena 121	
15	12:30-1:20	M W F	Arena 119	
16	7:30-8:20	M W F	Wh 107	
17	8:30-9:20	MTu Th	Arena 125	

ACCOUNTING (ACCT)

250-4	Accounting Fundamentals				
1	8:30-9:20	MTu ThF	Cl 18	Richards	
251a-4	Accounting			Sophomore Standing	
1	7:30-8:20	MTu ThF	Cl 12	Hedges	
r2	10:30-11:20	MTu ThF	To be arranged		
251b-4	Accounting			251a	
1	8:30-9:20	MTu ThF	Cl 12	Hedges	
251c-4	Accounting			251b	
1	9:30-10:20	MTu ThF	Cl 12	Hedges	
309-2	Individual Income Tax				
1	10:30-11:20	Tu Th	Cl 18	Barron	
331-4	Tax Accounting			251c	
1	9:30-10:20	MTu ThF	Cl 18	Barron	
355-3	Governmental Accounting			251c	
1	10:30-11:20	M W F	Cl 18	Richards	
456-4	Auditing			341, 351b	
1	7:30-8:20	MTu ThF	Cl 18		
461-4	CPA and Advanced Accounting Problems			341, 351b	
1	12:30-2:20	M W	Cl 18	Richards	
550-4	Accounting Theory			351b	
1	12:30-2:20	Tu Th	Cl 25	Schmidlein	
599-1 to 9	Thesis				
1	To be arranged			Schmidlein	

AGRICULTURAL INDUSTRIES (AG I)

114-4	Introduction to Agricultural Economics			
1	7:30-8:20	MTuWTh	Ag 225	Herr
215-4	Introduction to Farm Structures and Electrification			GSD 108b
1	12:30-1:20	M W	Ag 155	Worstell
	12:30-2:20	Tu Th	Ag 155	
310-4	General Agriculture			
1	8:30-9:20	MTuW	Ag 225	Benton and
	8:30-10:20	Th	Ag 225	Wood
GSB 314-3	Economic Analysis of the Agricultural Policies of the United States (See General Studies Area B for schedule)			
350-5	Farm Management			GSB 211a
1	9:30-10:20	MTuWTh	Ag 220	Armstrong
	9:30-11:20	F	Ag 225	
390-1 to 6	Special Studies in Agricultural Industries			Senior Standing
1	To be arranged			
520-1 to 6	Readings			
1	To be arranged			
554-4	Advanced Agricultural Marketing			12 hrs. Economics & Agricultural Economics
	(June 20-July 15)			
1	9:30-11:30	MTuWThF	Ag 155	Wills
575-1 to 6	Research			
1	To be arranged			
599-2 to 9	Thesis			
1	To be arranged			

ANIMAL INDUSTRIES (ANI)

231-4	Dairy Husbandry			
1	9:30-10:20	M W F	Ag 148	Olson
	9:30-11:20	Th	Ag 120	
315-4	Feeds and Feeding			105, 125, or 231
1	8:30-9:20	M W F	Ag 150	Reed
	7:30-9:20	Tu	Ag 120	
337-4	Animal Hygiene			105, 125, or 231, GSA 201c
1	7:30-8:20	MTuWTh	Ag 154	Burnside
390-1 to 3	Special Studies in Animal Industries			
1	To be arranged			
420-4	Commercial Poultry Production			125
	(July 18-August 12)			
1	8:30-10:20	MTuWTh	Ag 155	Hinners
	8:30-11:20	F	Ag 155	
	12:30-3:20	F	Ag 155	

14 ANIMAL INDUSTRIES (AN I)

Course No.—Hours Summer	Descriptive Title Time	Days	Place	Instructor
486-4	Range Livestock Industry			480 and 485
	(June 13-July 8)			
1	To be arranged			Kammlade
1	To be arranged			
520-1 to 6	Readings in Animal Industries			
	To be arranged			
575-1 to 6	Individual Research			
	To be arranged			
599-1 to 9	Thesis			
	To be arranged			

ANTHROPOLOGY (ANTH)

400-4	Man and Culture			
1	7:30-9:20	Tu Th	HEc 306	Heglar
401-4	Language in Culture			
1	9:30-11:20	Tu Th	HEc 306	Maring
483-3 to 9	Individual Study in Anthropology			
1	To be arranged			
582-3 to 9	Problems in Archaeology			
1	To be arranged			
584-3 to 9	Problems in Cultural Anthropology			
1	To be arranged			
585-3 to 9	Readings in Anthropology			
1	To be arranged			
596b-3 to 9	Field Methods in Archaeology			
1	To be arranged			
597-3 to 9	Fieldwork in Anthropology			
1	To be arranged			
599-1 to 9	Thesis			
1	To be arranged			
600-1 to 16	Dissertation			
1	To be arranged			

APPLIED SCIENCE (APS)

300-5	University Physics IV			Phys 211c
	Cross-listed with Physics.			
1	9:30-10:20	TuW F	P 308	
	9:30-11:20	M Th	P 302	
307-5	Analytical Problems in Technology			GSD 114c
1	10:30-11:20	MTuWThF	Tech A208	
522b-3	Programming Systems Design			522a
1	To be arranged			

ART (ART)

100-5	Basic Studio			
1	7:30-9:20	MTuW F	A 112	Bernstein
200-4	Studio Disciplines			
1	10:30-12:20	MTuW F	A 202	Bernstein
225b-3	History of World Art			
1	10:30-11:20	M W F	A 102	Lyman
300-4	Art Education for Elementary Teachers			
1	*7:30-9:20	M W F	Pull 105	Abrahamson
302-4	Pottery			
1	8:30-11:20	Tu Th	A 5	Vergette
332-4	Jewelry & Silversmithing			
1	8:30-11:20	Tu Th	A 11	Kington
309-3	Oriental Art			
1	8:30-9:20	M W F	A 102	Lyman
385-4	Weaving			
1	8:30-11:20	Tu Th	A 206	Wieman
401-2 to 12	Research in Painting			
1	*To be arranged			Breland
466-2 to 12	Studio in Art Education			
1	*7:30-9:20	Tu Th	Pull 105	Abrahamson
511-2 to 12	Seminar in Print Making			
1	*To be arranged			Breland
526-2 to 12	Research in Pottery			
1	To be arranged			Vergette
536-2 to 12	Research in Metal Construction			
1	To be arranged			Kington
560-2 to 12	Seminar in Art Education			
1	*10:30-11:20	M W F	Pull 105	Abrahamson

* June 20-August 12

Course No.—Hours Summer	Descriptive Title Time	Days	Place	Instructor
571-4	Readings in Art History			
1	*To be arranged			Lyman
599-5 to 9	Thesis			
1	*To be arranged			

ASTRONOMY (ASTR)

201-4	Introduction to Astronomy			
1	10:30-11:20	MTu ThF	P 308	

BOTANY (BOT)

300-3	Morphology of Non-Vascular Plants			GSA 201c
1	12:30-1:20	M W	LS 323	Kaeiser
	12:30-2:20		F LS 307	Kaeiser
301-3	Morphology of Vascular Plants			GSA 201c
1	9:30-10:20	M W	LS 323	Matten
	8:30-10:20		F LS 307	Matten
313-3	Natural History of Local Plants			GSA 201c
1	7:30-10:20	M W	LS 307	Marberry
320-5	Elements of Plant Physiology			GSA 201c
1	7:30-8:20	M W F	LS 323	Schmid
	7:30-9:20	Tu Th	LS 311	Schmid
390-2 to 4	Readings in Botany			Botany major
1	To be arranged			
391-2 to 5	Special Problems in Botany			Botany major
1	To be arranged			
406-5	Industrial Mycology			405
1	10:30-11:20	M W	LS 323	Gray
	9:30-11:20	Tu Th	LS 307	Gray
449-3	Elements of Taxonomy			313
1	12:30-1:20		Th LS 307	Eshbaugh
	12:30-2:20		TuW LS 307	Eshbaugh
451-4	Principles of Floristics			313
1	8:30-3:20		F Herbarium	
				Mohlenbrock
570-2 to 5	Readings			Botany major
1	To be arranged			
580-1	Seminar			Consent of department
1	9:30-10:20		W LS 205	
591-1 to 9	Research			Consent of advisory committee
1	To be arranged			
599-1 to 9	Thesis			Consent of advisory committee
1	To be arranged			
600-1 to 12	Dissertation			Consent of advisory committee
1	To be arranged			

CHEMISTRY (CHEM)

111a-5	General Inorganic Chemistry			Limited to those who have not had high school chemistry
1	9:30-10:20	M W F	Browne	
	1:30-2:20		W P 204	
	7:30-9:20		Tu Th P 200	
2	9:30-10:20	M W F	Browne	
	1:30-2:20		W P 204	
	7:30-9:20		Tu Th P 213	
3	9:30-10:20	M W F	Browne	
	1:30-2:20		W P 204	
	7:30-9:20		Tu Th P 206	
4	9:30-10:20	M W F	Browne	
	1:30-2:20		W P 204	
	12:30-2:20		Tu Th P 206	
t5	9:30-10:20	M W F	Browne	
	1:30-2:20		W P 206	
	9:30-11:20		Tu Th P 206	
235-5	General Quantitative Analysis			111c plus Logarithms
1	10:30-11:20	M W F	P 204	
	8:30-11:20		Tu Th P 103	
2	10:30-11:20	M W F	P 204	
	12:30-3:20		M W P 103	
305b-5	Organic Chemistry—preprofessional			111c
1	10:30-11:20	M W F	P 111	
	7:30-10:20		M W P 205	
t2	10:30-11:20	M W F	P 111	
	12:30-3:20		Tu Th P 205	

* June 20-August 12

16 CHEMISTRY (CHEM)

Course No.—Hours Summer	Descriptive Title Time	Days	Place	Instructor
350-4	Biological Chemistry		305b, 341c or GSA 101c	
1	12:30-1:20	M W F	Browne	
	12:30-3:20	Tu	P 205	
2	12:30-1:20	M W F	Browne	
	12:30-3:20	Th	P 205	
432a-4	Instrumental Analytical Measurements			461b
1	12:30-1:20	M W	P 111	
	12:30-3:20	Tu Th	P 103	
2	12:30-1:20	M W	P 111	
	12:30-3:20	F	P 103	
	7:30-10:20	S	P 103	
446-4	Qualitative Organic Analysis			341c
1	7:30-8:20	M W	P 111	
	7:30-10:20	Tu Th	P 205	
460-5	Theoretical Chemistry		235 plus 305b or 341c	
1	9:30-10:20	M W F	P 111	
	7:30-10:20	Tu	P 111	
2	9:30-10:20	M W F	P 104	
	12:30-3:20	Tu	P 104	
496a-2 to 4	Chemical Problems—Analytical			Consent of department
1	To be arranged			
496b-2 to 4	Chemical Problems—Biochemistry			Consent of department
1	To be arranged			
496c-2 to 4	Chemical Problems—Inorganic			Consent of department
1	To be arranged			
496d-2 to 4	Chemical Problems—Organic			Consent of department
1	To be arranged			
496e-2 to 4	Chemical Problems—Physical			Consent of department
1	To be arranged			
569-3	Topics in Advanced Physical Chemistry			563
1	8:30-9:20	M W F	P 204	
594a-3	Special Readings in Chemistry—Analytical			Consent of department
1	To be arranged			
594b-3	Special Readings in Chemistry—Biochemistry			Consent of department
1	To be arranged			
594c-3	Special Readings in Chemistry—Inorganic			Consent of department
1	To be arranged			
594d-3	Special Readings in Chemistry—Organic			Consent of department
1	To be arranged			
594e-3	Special Readings in Chemistry—Physical			Consent of department
1	To be arranged			
596a-3 to 9	Advanced Chemical Problems—Analytical			Consent of department
1	To be arranged			
596b-3 to 9	Advanced Chemical Problems—Biochemistry			Consent of department
1	To be arranged			
596c-3 to 9	Advanced Chemical Problems—Inorganic			Consent of department
1	To be arranged			
596d-3 to 9	Advanced Chemical Problems—Organic			Consent of department
1	To be arranged			
596e-3 to 9	Advanced Chemical Problems—Physical			Consent of department
1	To be arranged			
597a-3 to 9	Research and Thesis—Analytical			Consent of department
1	To be arranged			
597b-3 to 9	Research and Thesis—Biochemistry			Consent of department
1	To be arranged			
597c-3 to 9	Research and Thesis—Inorganic			Consent of department
1	To be arranged			
597d-3 to 9	Research and Thesis—Organic			Consent of department
1	To be arranged			

Course No.—Hours Summer	Descriptive Title Time	Days	Place	Instructor
597e-3 to 9	Research and Thesis—Physical			Consent of department
1	To be arranged			
598a-3 to 12	Research Doctoral—Analytical			Consent of department
1	To be arranged			
598b-3 to 12	Research Doctoral—Biochemistry			Consent of department
1	To be arranged			
598c-3 to 12	Research Doctoral—Inorganic			Consent of department
1	To be arranged			
598d-3 to 12	Research Doctoral—Organic			Consent of department
1	To be arranged			
598e-3 to 12	Research Doctoral—Physical			Consent of department
1	To be arranged			
600a-3 to 12	Dissertation—Analytical		Consent of department	
1	To be arranged			
600b-3 to 12	Dissertation—Biochemistry		Consent of department	
1	To be arranged			
600c-3 to 12	Dissertation—Inorganic		Consent of department	
1	To be arranged			
600d-3 to 12	Dissertation—Organic		Consent of department	
1	To be arranged			
600e-3 to 12	Dissertation—Physical		Consent of department	
1	To be arranged			

CLOTHING AND TEXTILES (C & T)

127-4	Clothing Selection and Construction				
1	12:30-2:20	M W F	HEc 304	Ridley	
233-3	Pattern Designing and Clothing Construction			127; 131; 135 or Consent of instructor	
1	12:30-2:20	Tu Th	HEc 304	Ridley	
371-6	Field Experience				
1	To be arranged		HEc 311h	Padgett	
395-2 to 3	Special Problems			Consent of instructor	
1	To be arranged		HEc 304	Ridley	
432-4 to 6	Workshop: Problems in Fitting and Pattern Alternation			Consent of instructor	
	(June 20-July 16)				
1	8:30-10:20	MTu ThF	HEc 310	Berry	
470-3	Interior Design Seminar			Consent of instructor	
	(June 20-July 9)				
	(Leave New York June 20—Return July 9)				
1	To be arranged			Shearer	
481-2 to 4	Readings			Consent of Instructor and Chairman	
1	*To be arranged			Berry Padgett	
570-4	Clothing and Textiles Seminar				
1	*1:30-2:20	MTuWThF	HEc 301	Padgett	
599-2 to 4	Thesis				
1	*To be arranged			Staff	

DESIGN (DES)

520-5	Educational Tool Systems				
1	To be arranged		T 128	Perk	
530-5	Studies in the Industrial Process				
1	To be arranged		T 128	Perk	
540-5	Studies in Communication Design				
	(June 20-July 22)				
1	To be arranged		T 128	Kula	
545-4	Research in Communications Design				
	(June 20-July 22)				
1	To be arranged		T 128	Grosowsky	
560-5	Environmental Control				
	(June 20-July 22)				
1	To be arranged		T 128	Pratt	

ECONOMICS (ECON)

214-3	Economics (Macro)				GSB 211a
1	7:30-8:20	M W F	Wham 201		
2	12:30-1:20	M W F	Wham 302		

* June 20-August 12

18 ECONOMICS (ECON)

Course No.—Hours	Descriptive Title	Time	Days	Place	Instructor
215-3	Economics (Micro)				GSB 211a
1		10:30-11:20	M W F	Wham 208	
2		2:30-3:20	M W F	Wham 201	
301-1 to 6	Economic Readings				Consent of chairman
1		To be arranged			
310-4	Labor Problems				215
1		1:30-2:20	MTu ThF	L 121	
GSB 311	Economic Development of the United States (See General Studies Area B for schedule.)				
GSB 312	Comparative Economic Systems (See General Studies Area B for schedule.)				
315-4	Money and Banking I				214
1		8:30-9:20	MTu ThF	L 121	Hollenhorst
416-4	Money and Banking II				315 or consent of instructor
1		11:30-12:20	MTu ThF	M 102a	Hollenhorst
429-4	International Economics				214 and 215 or consent of instructor
1		12:30-1:20	MTu ThF	M 102a	Haitani
440-4	Intermediate Micro Theory				215 or consent of instructor
1		10:30-11:20	MTu ThF	M 102a	Allen
441-4	Intermediate Macro Theory				214 or consent of instructor
1		1:30-2:20	MTu ThF	M 102a	Stalon
470-3	Business Cycles				214 or consent of instructor
1		2:30-3:20	M W F	M 102a	Marks
490-4	Workshop in Economic Education				
	Cross-listed with Secondary Education 490.				
	(August 15-26)				
1		8:30-11:50	MTuWThF	HEc 122	Martinsek
		1:10-3:20			
501-1 to 5	Economic Readings				Consent of chairman
1		To be arranged			
541-4	National Income Theory				441 or consent of instructor
1		1:30-2:20	MTu ThF	Wham 319	Stalon
542-4	Price Theory				440 or consent of instructor
1		8:30-9:20	MTu ThF	Wham 317	Allen
599-2 to 9	Thesis				Consent of chairman
1		To be arranged			
600-3 to 16	Dissertation				Consent of chairman
1		To be arranged			

EDUCATIONAL ADMINISTRATION AND SUPERVISION (EDAD)

355-4	Philosophy of Education				
1		7:30-8:20	MTuWTh	Wham 303	Cho-Yee To
2		8:30-9:20	MTuWTh	Wham 303	McKenzie
3		9:30-10:20	MTuWTh	Wham 303	Cho-Yee To
4		10:30-11:20	MTuWTh	Wham 303	McKenzie
5		12:30-1:20	MTuWTh	Wham 321	
420-4	Legal Basis of American Education				424
1		*10:30-11:20	MTuWThF	Wham 312	
424-4	School Administration				460
1		*12:30-1:20	MTuWThF	Wham 312	Chamberlin
431-4	History of Education in the United States				
1		*10:30-11:20	MTuWThF	Wham 317	
434-4	Administrators Workshop				424
	(July 18-August 5)				
1		12:30-3:20	MTuWThF	Wham 326	Popper
456-4	School Supervision				424
1		*12:30-1:20	MTuWThF	Wham 319	Bracewell
460-4	Curriculum				500
	(June 27-July 15)				
1		12:30-3:20	MTuWThF	Wham 305	Fishback
500-4	Research Methods				Guid. 422b or Consent of instructor
1		*12:30-2:20	M W	Wham 328	Bach
		12:30-1:20		F Wham 328	
2		*12:30-1:20	MTuWThF	Wham 208	Kaiser
502-4	Seminar in Comparative Education				
	(June 27-July 15)				
1		12:30-3:20	MTuWThF	Wham 326	Jacobs
503-4	Seminar in Philosophy of Education				Consent of instructor
1		*12:30-1:20	MTuWThF	Wham 329	Lean
506-4	Seminar: Curriculum in Relation to American Culture				460
	(July 18-August 5)				
1		12:30-3:20	MTuWThF	Wham 305	Hall

* June 20-August 12

Course No.—Hours	Descriptive Title	Time	Days	Place	Instructor
507a-4	Seminar: The Twentieth Century and Education				
1		12:30-2:20	MTuWThF	Wham 307	Counts
533-4	School Buildings				424
	(July 18-August 5)				
1		12:30-3:20	MTuWThF	Wham 307	Randolph
534b-4	School Business Administration				534a
	(July 18-August 12)				
1		2:30-4:30	MTuWThF	Wham 317	Kaiser
554-4	Contrasting Philosophies of Education				Consent of instructor
1		* 10:30-11:20	MTuWThF	Wham 328	Lean
556-4	Seminar in Educational Supervision				456
1		* 10:30-11:20	MTuWThF	Wham 329	
563-4	Workshop in School Public Relations				
	(June 27-July 15)				
1		12:30-3:20	MTuWThF	Wham 317	Neal
575a-4	Individual Research—Curriculum				460
1		*To be arranged			
575b-4	Individual Research—Supervision				456
1		*To be arranged			
575c-4	Individual Research—Buildings				433
1		*To be arranged			
575d-4	Individual Research—Finance				534a
1		*To be arranged			
575e-4	Individual Research—School Law				420
1		*To be arranged			
575f-4	Individual Research—Comparative Education				502
1		*To be arranged			
575g-4	Individual Research—History of Education				431
1		*To be arranged			
575h-4	Individual Research—Philosophy of Education				503
1		*To be arranged			
575j-4	Individual Research—Administration				424
1		*To be arranged			
575k-4	Individual Research—Elementary Education				
1		*To be arranged			
576a-4	Readings in Administration and Supervision				501
1		*To be arranged			
591-4	Seminar: Social and Philosophical Foundations				Guid 590
1		* 12:30-2:20	Tu Th	Wham 301a	McKenzie
596-4	Independent Investigation				
1		*To be arranged			
597-1 to 3	Thesis				
1		*To be arranged			
598-1 to 3	Thesis				
1		*To be arranged			
599-1 to 3	Thesis				
1		*To be arranged			
600-1 to 14	Dissertation				
1		*To be arranged			

ELEMENTARY EDUCATION (EL ED)

100-3	Introduction to Elementary Education				
1		7:30-8:20	M W F	Wham 203	Mason
314-4	Elementary School Methods				Guid 305
1		* 10:30-11:20	MTuWThF	Wham 206	Carter
337-4	Reading in the Elementary School				314
1		9:30-10:20	MTuWTh	Wham 210	Ragsdale
2		* 10:30-11:20	MTuWThF	Wham 203	Brod
351b-8 to 16	Elementary Student Teaching				
1		*To be arranged			Carter
2		*To be arranged			
3		*To be arranged			
401-2	Problems in Public School Reading				Teaching experience
					Not open to students who have had 437 or 505
	(June 20-July 11)				
1		12:30-2:20	MTuWThF	Wham 210	Ragsdale
413-4	Children's Literature				
1		* 8:30-9:20	MTuWThF	Wham 210	Vaughn
415-4	Improvement of Instruction of Arithmetic				Math 210
	(June 20-July 15, both sections)				
1		9:30-10:20	MTuWThF	Wham 208	Lerch
2		12:30-2:20	MTuWThF	Wham 201	Rea
433-4	Workshop in Kindergarten-Primary Education				
1		9:30-11:20	MTuWThF	Wham 201	Baker and Phelps
	(June 20-July 15)				

* June 20-August 12

Course No.—Hours	Descriptive Title	Time	Days	Place	Instructor
435-4	Workshop in Elementary School Foreign Language Instruction (June 20–July 15) Cross-listed with Foreign Languages.				
1		8:00–12:00	MTuWThF	Wh 212	Peacock
441-4	Teaching Elementary Science (July 11–August 5)				
1		12:30–2:20	MTuWThF	Wham 210	Newport
442-4	Science for the Elementary Teacher 314				
1		7:30–8:20	MTuWTh	Wham 206	Newport
2		*9:30–10:20	MTuWThF	Wham 206	Rea
503-9	NDEA Institute in Reading 1	*9:30–4:30	MTuWThF	Wham 114	
	With some night meetings Institute students only.				
505-4 ¹	Improvement of Reading Instruction Consent of instructor				
1		*8:30–9:20	MTuWThF	Wham 203	Brod
507-2 to 4 ¹	Readings in Reading Consent of instructor				
1		*12:30–1:20	Tu Th	Wham 203	Ragsdale
515-4	Special Problems in Teaching Arithmetic 415				
1		*8:30–9:20	MTuWThF	Wham 212	Lerch
518-2	Supervision of Student Teachers 1	9:30–10:20	MTuWThF	Wham 321	Casey
	(June 21–July 15)				
541-4	Selected Teaching and Curriculum Problems in Elementary School Science 441 or 442				
1		*8:30–9:20	MTuWThF	Wham 206	Newport
542-4	Language Arts in Elementary School 1	*10:30–11:20	MTuWThF	Wham 210	Ragsdale
543-4	Teaching Social Studies in the Elementary School 1	*7:30–8:20	MTuWThF	Wham 210	Randolph
557-4	The Elementary Principalship 1	*12:30–1:20	MTuWThF	Wham 206	Bradfield
561-4	Elementary School Curriculum 1	*9:30–10:20	MTuWThF	Wham 203	Lee
575a-4	Individual Research—Curriculum 1	*To be arranged			
575b-4	Individual Research—Supervision 1	*To be arranged			
575c-4	Individual Research—Language Arts 1	*To be arranged			
575d-4	Individual Research—Science 1	*To be arranged			
575e-4	Individual Research—Reading 1	*To be arranged			
575f-4	Individual Research—Social Studies 1	*To be arranged			
575g-4	Individual Research—Problems in Elementary Education 1	*To be arranged			
575h-4	Individual Research—Arithmetic 1	*To be arranged			
575j-4	Individual Research—Problems in Kindergarten-Primary 1	*To be arranged			
575k-4	Individual Research—Elementary Administration 1	*To be arranged			
596-5 to 9	Independent Investigation 1	*To be arranged			
597-1 to 3	Thesis 1	*To be arranged			
598-1 to 3	Thesis 1	*To be arranged			
599-1 to 3	Thesis 1	*To be arranged			
600-2 to 16	Dissertation 1	*To be arranged			

ENGINEERING (ENGR)

222-3	Digital Computer Programming for Engineers GSD 114b				
1		8:30–9:20	Tu Th	Tech A222	
		11:30–12:20	M W	Wham B24	
2		8:30–9:20	Tu Th	Tech A222	
		6:00–6:50 pm	M W	Wham B24	
260c-3	Analytical Mechanics 260b				
1		1:30–2:20	M W F	Tech A222	

* June 20–August 12

¹ Cross-listed with Secondary Education.

Course No.—Hours Summer	Descriptive Title Time	Days	Place	Instructor
300c-3	Thermodynamics			300b
1	12:30-1:20	M W F	Tech A222	
313a-3	Fluid Mechanics			260c
	(June 20-July 26)			
1	7:30-9:20	M W F	EL 120	
313b-3	Fluid Mechanics			313a
	(July 27-September 2)			
1	7:30-9:20	M W F	EL 120	
361-4	Engineering Economics			Junior Standing
	Cross-listed with Engineering Technology.			
1	9:30-10:20	MTuWTh	Tech A222	
443a-3	Engineering Design			300c, 311c, 331c
1	To be arranged			
460a-4	Engineering Analysis for Decision Making			Math 252b, 361
	(June 20-July 26)			
1	7:30-9:20	MTuWTh	Tech A220	
460b-4	Engineering Analysis for Decision Making			460a
	(July 27-September 2)			
1	7:30-9:20	MTuWTh	Tech A308	
462a-3	Theory of Elasticity			260c, 311a
1	10:30-11:20	M W F	Tech A222	
517a-4	Analysis and Design of Engineering Systems			
1	To be arranged			
520a-3	Reaction Engineering and Rate Processes			
1	To be arranged			

ENGINEERING TECHNOLOGY (ET)

304a-3	Electrical Circuits			
1	12:30-2:20	M W F	T25 R106	
337a-3	Manufacturing Processes			Junior Standing
	Cross-listed with Industrial Technology.			
1	9:30-10:20	M W	EL 120	
	9:30-11:20		F T25 R109	
342a-3	Engineering Technology Design			304c, Engr 300b, Engr 311b
1	To be arranged			
361-4	Engineering Economics			Junior Standing
	Cross-listed with Engineering.			
1	9:30-10:20	MTuWTh	Tech A222	
363a-4	Surveying			Tech 101a, GSD 114c
1	12:30-4:20	Tu Th	EL 120	
363b-4	Surveying			363a
1	12:30-4:20	Tu Th	EL 120	
426a-3	Photogrammetry			363a
1	To be arranged		EL 120	
437a-3	Industrial Electronics and Communications			
1	11:30-12:20	M W	EL 110	
	12:30-3:20		F EL 110	

ENGLISH (ENG)

300-4	Principles of Grammar			
1	8:30-9:20	MTu ThF	HEc 104	
2	10:30-11:20	MTu ThF	HEc 104	
3	12:30-1:20	MTu ThF	HEc 306	
302a-4	Survey of English Literature to 1550			
1	8:30-9:20	MTu ThF	HEc 118	
302b-4	Survey of English Literature—1550-1750			
1	12:30-1:20	MTu ThF	HEc 104	
302c-4	Survey of English Literature after 1750			
1	1:30-2:20	MTu ThF	HEc 104	
309a-4	Survey of American Literature to 1860			
1	11:30-12:20	MTu ThF	HEc 104	
2	2:30-3:20	MTu ThF	HEc 104	
390-3	Advanced Composition			
1	7:30-8:20	M W F	HEc 104	
2	9:30-10:20	M W F	HEc 104	
3	1:30-2:20	M W F	M 203B	
391-3	Usage in English			
1	7:30-8:20	M W F	HEc 102	
2	9:30-10:20	M W F	Wham 328	
3	11:30-12:20	M W F	HEc 102	
4	*12:30-1:20	M W F	HEc 102	
5	1:30-2:20	M W F	Cl 25	
6	2:30-3:20	M W F	HEc 120	

* June 20-August 12

Course No.—Hours Summer	Descriptive Title Time	Days	Place	Instructor
403-4	History of English Language			
1	7:30-8:20	MTu ThF	HEc 118	
404b-4	Middle English Literature			
1	8:30-9:20	MTu ThF	Ag 148	
421c-4	English Poetry—Victorian			
1	9:30-10:20	MTu ThF	HEc 118	
438-4	Intellectual Backgrounds of American Literature			
1	10:30-11:20	MTu ThF	HEc 118	
454a-4	English Fiction—18th Century Novel			
1	11:30-12:20	MTu ThF	HEc 120	
454c-4	English Fiction—20th Century			
1	12:30-1:20	MTu ThF	HEc 106	
460c-4	British Drama—Restoration and 18th Century			
1	1:30-2:20	MTu ThF	Wham 312	
468-4	American Drama			
1	*9:30-10:20	MTu ThF	HEc 106	
471a-4	Shakespeare			
1	2:30-3:20	MTu ThF	HEc 122	
499-2 to 4	Readings in English			Consent of Department
1	To be arranged			
500-2	Materials and Methods of Research in English			
1	11:30-12:20	M Th	HEc 303	
520-4	Studies in Romantic Writers			
1	8:30-9:20	MTu ThF	Comm 108	
532-4	Studies in American Transcendentalism			
1	1:30-2:20	MTu ThF	Wham 301b	
538-4	Problems in American Literature			
1	*10:30-11:20	MTu ThF	HEc 106	
555-4	Studies in Victorian Novel			
1	7:30-8:20	MTu ThF	Wham 212	
569-4	Seminar in Special Problems of English as a Foreign Language			
1	12:30-1:20	MTu ThF	Wham 107	
598-1 to 6	Review of English and American Literature			Consent of Department
1	To be arranged			
600-1 to 16	Dissertation			
1	To be arranged			

FOOD AND NUTRITION (F & N)

206-4	Foods				
1	8:30-9:20	M W	HEc 212	Becker	
	8:30-10:20	Tu Th	HEc 212		
247b-2	The School Lunch Program				
	(June 13-June 17)				
1	9:00-4:00	MTuWThF	HEc 119	Becker	
321-3	Food Demonstration			105, 206	
1	7:30-10:20	Tu Th	HEc 101	Koenecke	
2	11:30-2:20	M W	HEc 101	Koenecke	
335-4	Meal Planning and Table Service			105, 206 or consent of instructor	
1	10:30-11:20	Tu Th	HEc 105	Becker	
	9:30-11:20	M W	HEc 105		
371-6	Field Experience				
1	To be arranged				
481-2 to 6	Readings			Consent of instructor and department chairman	
1	*To be arranged			Payne	
556-4	Advanced Experimental Food			356 or consent of instructor	
1	*10:30-11:20	M W	HEc 204	Payne	
	10:30-12:20	Tu Th	HEc 214		
572-2 to 8	Special Problems				
1	*To be arranged			Payne	
599-5 to 9	Thesis				
1	*To be arranged				

FOREIGN LANGUAGES (FL)

435-4	Workshop in Elementary School Foreign Language Instruction Cross-listed with Elementary Education. (June 20-July 15)			
1	7:30-11:20	MTuWThF	Wh 212	

French (Fr)

161-0	French for Graduate Students			
	* June 20-August 12			

Course No.—Hours Summer	Descriptive Title Time	Days	Place	Instructor
201a-3	1 Intermediate French	M W F	Wh 203	GSD 123c or 2 years high school
201c-3	1 Intermediate French	M W F	Wh 113	201b
400-4	1 French Literature 1870-1914	M W F	Wh 113	
501c-2	1 Seminar Selected French Author—Moliere	MTuWTh	Wh 113	Gobert
599-2 to 6	1 Thesis	F	HEc 128	Gobert
	1 To be arranged			

German (Ger)

161-0	1 German for Graduate Students	M WTh	M 310	
201a-3, 201b-3, 201c-3	1 Intermediate German	MTuWThF	M 313	Must be taken as 9 hour unit.
408-4	1 German Civilization	MTu ThF	Wh 113	
498-2	1 19th Century German Readings			To be arranged
506-2	1 German Romanticism I	MTu ThF	Wh 107	
507-2	1 German Romanticism II	MTu ThF	Wh 107	Students should register for both 506 and 507.
543-2 to 6	1 Research Problems			To be arranged
599-3 to 9	1 Thesis			To be arranged

Russian (Russ)

425-3	1 Soviet Literature Since 1917	M W F	Wh 203	Kupeck
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Spanish (Span)

161-0	1 Spanish for Graduate Students	M W F	Wh 113	
201c-3	1 Intermediate Spanish	M W F	M 303	201b or 1 year high school
310a-3	1 Survey of Spanish Literature	M W F	Wh 107	201c or 4 years high school Spanish
360-3	1 Travel Study Course in Mexico (June 20-August 19)		Mexico	Ayala
440b-3	1 The Golden Age—Drama	MTu Th	Wh 107	
501-2	1 Seminar on Selected Spanish Author			To be arranged
543-2 to 6	1 Research Problems			To be arranged
599-2 to 6	1 Thesis			To be arranged

FORESTRY (FOR)

104-3	1 Introduction to Forestry	MTu	Ag 214	Hosley
		Th	Ag 214	
390-1 to 6	1 Special Studies in Forestry		Ag 195	Consent of instructor
520a-1 to 6	1 Readings in Forestry		Ag 195	Consent of department
520b-1 to 6	1 Readings in Resource Economics		Ag 195	Consent of department
575-1 to 6	1 Research		Ag 195	Consent of department
599-2 to 9	1 Thesis		Ag 195	Consent of department
	1 To be arranged			

24 GEOGRAPHY (GEOG)

Course No.—Hours Descriptive Title Days Place Instructor
 Summer Time

G E O G R A P H Y (GEOG)

302-4	Introduction to Physical Geography	GSB 101a
1	8:30-9:20 MTuWTh Ag 144	Carter
304-4	Introduction to Economic Geography	GSB 101a
1	10:30-11:20 MTuWTh Ag 144	Krause
324-4	Restoration and Conservation of Natural Resources	GSB 101a
1	12:30-1:20 MTuWTh Ag 144	Cunningham
402a-4	Advanced Physical Geography	Geog 308 or consent of department
1	10:30-11:20 MTuWTh Ag 150	Carter
402c-3	Advanced Physical Geography (NDEA Institute)	Institute Status
1	*To be arranged	Schmudde
404a-4	Advanced Economic Geography	Geog 308 or consent of department
1	*8:30-9:20 MTuWTh Ag 154	
404c-3	Advanced Economic Geography (NDEA Institute)	Institute Status
1	*To be arranged	Schmudde
406c-3	Advanced Cultural Geography (NDEA Institute)	Institute Status
1	*To be arranged	Schmudde
440-2 to 6	Readings for Majors	Consent of department
1	To be arranged	Thomas
490a-1	Tutorial in Geography	Senior-Major
1	To be arranged	Thomas
490d-3	Tutorial in Geography (NDEA Institute)	Institute Status
1	*To be arranged	Schmudde
515-4	Field Course	Consent of department
1	*To be arranged	Thomas & Harper
521-4	Seminar in Economic Geography	Consent of department
1	*To be arranged	1004 South Elizabeth
530-2 to 6	Independent Study in Geography	Consent of department
1	To be arranged	Thomas
540a-2 to 6	Research in Physical Geography	Consent of department
1	To be arranged	
540b-2 to 6	Research in Economic Geography	Consent of department
1	To be arranged	
540c-2 to 6	Research in Regional Geography	Consent of department
1	To be arranged	
540d-2 to 6	Research in Cultural Geography	Consent of department
1	To be arranged	
599-2 to 9	Thesis	Consent of department
1	To be arranged	Thomas
600-2 to 16	Dissertation	Consent of department
1	To be arranged	Thomas

G E O L O G Y (GEOL)

200-1	Optional Laboratory for GSA 200 (See General Studies Area A for Schedule.)	
440-1 to 4	Independent Study	
1	7:30-12:00 S	To be arranged
450-9	Field Geology	302
1	Field Camp	Sawatzky
450b-3	Advanced Field Geology	302
1	Field Camp	Sawatzky
540-4	Advanced Studies—Water Resources	
1	11:30-12:20 M WThF Ag 174	Miller
541-1 to 4	Research	
1	To be arranged	
599-1 to 9	Thesis	
1	To be arranged	

* June 20-August 12

Course No.—Hours Summer	Descriptive Title Time	Days	Place	Instructor
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GOVERNMENT (GOVT)

231-5	American National Government			
1	7:30-8:20	MTuWThF	L 201	
232-5	State and Local Government			
1	9:30-10:20	MTuWThF	L 121	Ridgeway
2	11:30-12:20	MTuWThF	L 131	
300-4	American Government			
1	9:30-10:20	MTu ThF	L 131	
305-5	Development of American Constitution			
1	7:30-8:20	MTuWThF	L 131	Turner
321-1 to 6	Readings			
1	To be arranged			Klingberg
360-5	Public Administration			
1	8:30-9:20	MTuWThF	L 131	Turner
420-3	Pressure Groups and Politics			
1	12:30-1:20	MTu Th	L 131	Roberds
430-3	Government and National Security			
1	8:30-9:20	M W F	L 221	Hanson
438-4	Social Welfare Legislation			
1	9:30-10:20	MTuW F	L 221	Hanson
453b-4	Soviet Russia			
1	9:30-10:20	MTuW F	Wham 301b	Chou
455-4	Major Governments of West Europe			
1	7:30-8:20	MTuW F	L 221	Kamarasy
457b-4	Governments of Middle East			
1	10:30-11:20	MTuWTh	Wham 301a	Abbass
457a-4	International Law			
1	12:30-1:20	MTuWTh	Ag 116	Abbass
478-4	International Politics			
1	11:30-12:20	MTuWTh	L 221	Landecker
505-4	Seminar In Political Parties			
1	1:30-3:20	M W F	Wham 212	Kahn
508-4	Seminar In International Relations			
1	1:30-3:20	Tu Th	Wham 212	Chou
521-1 to 6	Readings			
1	To be arranged			Klingberg
530-4 to 12	Internship in Public Affairs			
1	To be arranged			
595-2 to 12	Individual Research			
1	To be arranged			
599-2 to 9	Thesis			
1	To be arranged			
600-2 to 16	Dissertation			
1	To be arranged			

GUIDANCE (GUID)

305-4	Educational Psychology			GSB 201c
1	7:30-8:20	TuWThF	Wham 302	Amble
2	8:30-9:20	TuWThF	Wham 302	Denzel
3	9:30-10:20	TuWThF	Wham 302	Pettigrew
422a-4	Educational Measurement and Statistics—Introduction			305
1	11:30-12:20	TuWThF	Tech A111	Denzel
422b-4	Educational Measurement and Statistics—Educational			305
1	*8:30-9:20	MTuWThF	Tech A111	Schanen
442-4	Basic Principles of Guidance			305
1	*11:30-12:20	MTuWThF	Wham 203	Yates
481-1 to 6	Seminar on a Selected Topic			305
1	*To be arranged			Renzaglia
2	*To be arranged			Vicceli
515-4	Psychological Aspects of Education			Advanced standing
1	*8:30-9:20	MTuWThF	Wham 307	Cody
520a-4	Educational Statistics and Experimental Design			422b
1	*10:30-11:20	MTuWThF	Wham 302	Schanen
525-4	School Behavior Problems and Their Prevention			Consent of instructor
1	*10:30-11:20	MTuWThF	Wham 307	Parker
536a-4	Individual Measurement and Appraisal—Children			422c
1	*8:30-9:20	MTuWThF	Wham 301a	Parker
537a-4	Counseling Theory and Practice			426 or 525
1	*9:30-10:20	MTuWThF	Wham 307	Meek
537b-4	Counseling Theory and Practice			537a
1	*7:30-8:20	MTuWThF	Wham 307	Meek

* June 20-August 12

26 GUIDANCE (GUID)

Course No.—Hours Summer	Descriptive Title Time	Days	Place	Instructor
543-4	Guidance Through Groups			442
1	*7:30-8:20	MTuWThF	Wham 319	Phelps
545k-4	Sexual Behavior			501, Sec. 2
1	*To be arranged			Rubin
545l-1	Seminar in Behavioral Modification			
1	*To be arranged			Sulzer
562a-4	Human Development in Education—Child			Advanced standing
1	*9:30-10:20	MTuWThF	Wham 319	Kelly
575a-1 to 12	Practicum in Counseling			537a
1	*To be arranged			Roberts
2	*To be arranged			Yates
3	*To be arranged			
575b-1 to 12	Practicum in Elementary Guidance			537a
1	*To be arranged			Knewitz
575c-1 to 12	Practicum in Secondary Guidance			537a
1	*To be arranged			Knewitz
575d-1 to 12	Practicum in Rehabilitation Practices			537a
1	*To be arranged			Lee
575e-2 to 4	Practicum in Behavioral Modification			
1	*To be arranged			Sulzer
575f-1 to 12	Practicum in Behavioral Modification			
1	*To be arranged			Sulzer

HEALTH EDUCATION (HED)

205-4	Principles and Foundations of Health Education			
1	7:30-8:20	MTu ThF	Arena 123	Russell
302s-4	Driver Education and Training			Illinois Drivers License
1	7:30-8:20	MTu ThF	Stad 101	
312-4	Emotional Health			
1	10:30-11:20	MTuWTh	Arena 125	Richardson
313s-4	Introduction to Safety Education			
1	8:30-9:20	MTu ThF	Stad 101	Bridges
334s-4	First Aid			
1	8:30-9:20	MTu ThF	Arena 119	
2	9:30-10:20	MTu ThF	Arena 119	
3	10:30-11:20	MTu ThF	Arena 119	
350-4	Methods and Materials in Elementary School Health Education			
1	7:30-8:20	MTu ThF	Arena 119	Phillips
415-4	Workshop in Driver Education and Traffic Safety			
1	1:00-5:00	MTuWThF	Stad 101	Aaron
	(July 18-August 5)			
460-4	Methods and Materials in Secondary School Health Education			
1	*7:30-8:20	MTuWThF	Arena 125	Vaughan
464-4	Workshop in Alcohol Education			
1	1:30-4:20	MTuWThF	Arena 123	Russell
	(June 21-July 16)			
471-4	Organization and Administration of School Health			
1	*9:30-10:20	MTuWThF	Arena 122	LeFevre
475s-4	Traffic Law Enforcement and Planning			
1	*9:30-10:20	MTuWThF	Stad 101	Aaron
490-4	Field Work in School and Community Health			Consent of department
1	*To be arranged			Grissom
511-5	Practicum in Health Education Workshop			
1	10:30-12:20	MTuWThF	Arena 123	Russell
	(June 21-July 23)			
520-4	Special Projects			Consent of department
1	*To be arranged			Boydston
525s-4	Organization Administration Supervision of Safety Education			
1	*10:30-11:20	MTuWThF	Stad 101	Bridges
533a-4	Human Conservation			
1	*8:30-9:20	MTuWThF	Arena 123	Grissom, Richardson
533b-4	Human Conservation			
1	*9:30-10:20	MTuWThF	Arena 125	Grissom, Richardson
597	Seminar in Health Education			
1	*To be arranged			Boydston
600-1 to 16	Dissertation			
1	*To be arranged			Boydston

HIGHER EDUCATION (HIED)

510-4	Higher Education in the United States			
1	*8:30-9:20	MTuWThF	Wham 312	Brunner

* June 20-August 12

Course No.—Hours	Descriptive Title	Time	Days	Place	Instructor
513-4	Organization and Administration in Higher Education	*9:30-10:20	MTuWThF	Wham 312	Dibden
518-4	College Teacher and College Teaching	*7:30-8:20	MTuWThF	Wham 312	Dibden
522-2	Readings in Higher Education	*To be arranged			Consent of instructor Brunner, Dibden, Robinson
523b-1 to 3	Internship in Higher Education—College Student Personnel	*To be arranged			Robinson
524-3	Individual Study	*To be arranged			Consent of instructor Brunner, Dibden, Robinson
535h-3	Administration of Admissions and Records	*To be arranged			McGrath
535j-3	The Technical Institute	*To be arranged		403 W. Mill	Simon
535n-3	Federal Government and Higher Education	*12:30-1:20	M WThF	Wham 301b	Robinson
565-4	The Community-Junior College	*10:30-11:20	MTuWThF	Wham 137	Brunner
589-4	Advanced Research	*To be arranged			Consent of instructor Robinson & Dibden
600-2 to 12	Dissertation	*To be arranged			Dibden, Robinson

HISTORY (HIST)

GSB 300a-3, 300b-3	History of the United States (See General Studies Area B for schedule.)				
322b-4	History of England (1603-1815)	8:30-9:20	MTu ThF	M 206	Cherry
352b-3	History of Latin America (Independent)	11:30-12:20	M W F	M 206	Gardiner
365-4	History of Chinese Civilization	7:30-8:20	MTu Th	M 207	Kuo
372a-3	History of Russia to 1905	8:30-9:20	M W F	M 102	Kuo
410-2 to 5	Special Readings in History	To be arranged			Consent of chairman
411b-3	Social and Intellectual History of the United States (1830-1900)	*10:30-11:20	MTu ThF	M 102	Adams
430c-3	Late Modern Europe (Since 1918)	10:30-11:20	MTu Th	M 207	Silverman
452-3	Historical Research and Thesis Writing	11:30-12:20	MTu Th	M 203B	Undergraduate History majors Shelby
460b-3	Social and Intellectual History of the Middle Ages (1000-1250)	7:30-8:20	M WTh	M 102	Shelby
473b-3	The Caribbean Area in the Twentieth Century	1:30-2:20	M W F	M 207	Gardiner
500-3	Seminar in History	12:30-1:20	Tu	M 207	Graduate History majors or minors only Pitkin
		12:30-2:20	Th	M 207	Pitkin
510-2 to 5	Readings in History	To be arranged			Consent of chairman
515-3	Current United States History and Problems	1:30-2:20	M W F	M 206	Graduate majors or minors only Pitkin
516-4	Studies in Contemporary Europe	12:30-1:20	Tu Th	M 206	Graduate majors or minors only Silverman
518-3	England in the Age of the "Glorious Revolution"	9:30-10:20	M W F	M 102	Graduate majors or minors only Cherry
599-3 to 9	Thesis	To be arranged			Graduate majors only

HOME AND FAMILY (H & F)

227-3	Family Living	10:30-11:20	M W F	HEc 303	Carpenter
237-3	Child Development	7:30-8:20	M W F	HEc 303	Zunich

* June 20-August 12

Course No.—Hours Summer	Descriptive Title Time	Days	Place	Instructor
300-3	Home Economics for Men			
1	9:30-10:20	M W F	HEc 303	
331-3	Home Management Lectures			
1	7:30-8:20	M W F	HEc 5	
332-4	Home Management Residence		227, 331; F&N 335	
1	To be arranged		Home Mgt. Apt.	
341-4	Consumer Problems			
1	12:30-1:20	MTuWThF	HEc 303	
407-2	Workshop—Social Classes in Child Rearing			
1	12:30-2:20	MTuWThF	HEc 118	Zunich
	(June 20-July 2)			
407-2	Workshop—Low Income Family			
2	8:30-10:20	MTuWThF	HEc 120	Carpenter
	(June 20-July 2)			
407-2	Workshop—The Teen-Ager			
3	9:30-11:20	MTuWThF	HEc 120	Zunich
	(July 18-30)			
407-3	Workshop—Equipment Demonstration Materials & Methods			
4	12:30-2:20	MTuWThF	HEc 5	Johnston
	(July 18-August 6)			
481-2 to 6	Readings			Consent of instructor and chairman
1	To be arranged			Carpenter, Johnston or Zurich
562-4	Child Development Through Home and School			
1	*8:30-9:20	MTuWThF	HEc 203	Zunich
566-4	Interpersonal Relationships Within the Family			227 or GSB 341; 237; 133k
1	*7:30-8:20	MTuWThF	HEc 203	Carpenter
572-2 to 6	Special Problems			Consent of instructor and chairman
1	To be arranged			Carpenter, Johnston, or Zunich
599-5 to 8	Thesis			Consent of instructor and chairman
	To be arranged			Carpenter, Johnston or Zunich

HOME ECONOMICS EDUCATION (HEED)

111-2	Home Economics Orientation			
1	7:30-8:20	Tu Th	HEc 120	Oakley
	7:30-8:20	F	HEc 120	Quigley
313-2 to 4	Special Problems			
1	To be arranged			Oakley
415-1	Introduction to Graduate Study			
1	*11:30-12:20	W	HEc 120	Fults
	plus 4 meetings			
481-2 to 4	Readings			Consent of instructor and chairman
1	*To be arranged			
507-4	Workshop—Wage Earning Training			
1	12:30-2:20	MTuWThF	HEc 133	Fults
	(June 20-July 16)			
507-4	Workshop—Wage Earning Curriculum Development			
2	9:30-11:20	MTuWThF	HEc 133	Fults
	(July 18-August 12)			
507-4	Workshop—Concepts and Generalizations Consumer Education			
3	9:30-11:20	MTuWThF	HEc 133	Keenan
	(June 20-July 16)			
510-4	Supervision of Home Economics			
1	12:30-2:20	MTuWThF	HEc 120	
	(July 18-August 12)			
515-4	Trends in Home Economics Education			
1	12:30-2:20	MTuWThF	HEc 120	Keenan
	(June 20-July 16)			
572-2 to 6	Special Problems			
1	*To be arranged			
599-2 to 6	Thesis			
1	*To be arranged			
600-3 to 15	Dissertation			
1	*To be arranged			

INDUSTRIAL EDUCATION (IED)

217-4	General Typography			
	Cross-listed with Printing & Photography.			
1	7:30-9:20	MTuWTh	T 185	Modlin
	* June 20-August 12			

Course No.—Hours Summer	Descriptive Title Time	Days	Place	Instructor
302-4	Construction Methods for Primary Teachers			
1	7:30-9:20	MTuWTh	Pull 105	
2	9:30-11:20	MTuWTh	Pull 105	
303-4	Diversified Crafts for Teachers & Recreation Leaders			
1	9:30-11:20	MTuWTh	T25 R110	
319-3	Industrial Internship			Consent of coordinator
1	To be arranged			
408-3	Teaching Aids in Technological Education			
1	*9:30-10:20	MTu ThF	T26 R110	
419-8 to 16	Advanced Student Teaching in Technical Programs			
	9 quarter hours of Professional Education and graduate standing			
1	To be arranged			
435-6 to 12	Manual Arts Internship			Consent of coordinator
1	To be arranged			
450-2	Advanced Skills in Technological Subjects (Electricity-Electronics in the Industrial Arts Curriculum)			
1	8:30-12:00	MTuWThF	T25 R106	
	1:00-3:00	MTuWThF	T25 R106	
	(August 15-August 19)			
450-2	Advanced Skills (Industrial Arts Design for Modern Laboratory Experience)			
2	8:30-12:00	MTuWThF	To be arranged	
	1:00-3:00	MTuWThF	To be arranged	
	(August 15-August 19)			
450-4	Advanced Skills (Problems of the New Vocational Teacher)			
3	8:30-12:00	MTuWThF	To be arranged	
	1:10-3:30	MTuWThF	To be arranged	
	(August 15-August 26)			
450-2	Advanced Skills in Technological Subjects			
r4	To be arranged			
485-3	Principles and Philosophy of Industrial, Vocational, and Technical Education			
1	*7:30-8:20	MTuWTh	T26 R110	
487-3	Layout and Planning of Technical Facilities			12 quarter hours in Technical subjects
1	*10:30-11:20	MTuWTh	T26 R110	
491b-3	Principles of Industrial Teaching			One-half of major completed
1	*12:30-1:20	MTuWTh	T26 R110	
496-3	Selection and Organization of Subject Matter			12 quarter hours in Industrial Education
1	*2:30-3:20	MTuWTh	T26 R110	
504-4	History of Industrial & Vocational Education			Graduate standing
1	*1:30-2:20	MTuWThF	T26 R110	
540-4	Research in Technological Education			Graduate standing
1	*8:30-9:20	MTuWThF	T26 R110	
541-4	Occupational Information and Guidance			Graduate standing
1	*11:30-12:20	MTuWThF	T26 R110	
	Cross-listed with Guidance.			
560-2	New Developments in Technological Education (Experimentation in Industrial Arts)			
1	9:30-10:20	MTuWThF	Tech A208	Earl
	12:30-1:20	MTuWThF	Tech A208	
	(June 20-July 1)			
560-2	New Developments in Technological Education (Spectrum of Research and Development)			
2	9:30-10:20	MTuWThF	Tech A208	Burgener
	12:30-1:20	MTuWThF	Tech A208	
	(July 5-July 15)			
560-2	New Developments in Technological Education (Innovations in Vocational Education)			
3	9:30-10:20	MTuWThF	Tech A208	
	12:30-1:20	MTuWThF	Tech A208	
	(July 18-July 29)			
560-2	New Developments in Technological Education (New Directions and Concepts in Technical Education)			
4	9:30-10:20	MTuWThF	Tech A208	
	12:30-1:20	MTuWThF	Tech A208	
	(August 1-August 12)			
	Cross-listed with Secondary Education.			

INDUSTRIAL TECHNOLOGY (IT)

306c-3	Industrial Design	306b
1	To be arranged	

* June 20-August 12

30 INDUSTRIAL TECHNOLOGY (IT)

Course No.—Hours Summer	Descriptive Title Time	Days	Place	Instructor
312a-3	Wood Products and Processes			
1	7:30-9:20	M W F	T25 R102	
322a-3	Machining of Metals			
1	12:30-2:20	M W F	T25 R109	
327a-3	Materials, Processes and Fabrication of Metals			
1	9:30-11:20	M W F	T25 R107	
337a-3	Manufacturing Processes			Junior standing
1	9:30-10:20	M W	T25 R109	
	9:30-11:20		F T25 R109	
Cross-listed with Engineering Technology.				
341a-3	Industrial Maintenance			312a, 327a
1	12:30-3:20	Tu Th	T25 R109	
343a-3	Electricity—Electronics			
1	9:30-11:20	M W F	T25 R106	
343b-3	Electricity—Electronics			343a
1	6:00-8:30 pm	Tu Th	T25 R106	

INSTRUCTIONAL MATERIALS (IM)

308-4	Introduction to Cataloging			
1	*9:30-10:20	MTuWThF	Wham 301A	Evans
403-4	School Library Functions and Management			
1	*11:30-12:20	MTuWThF	Wham 321	Brown
405-4	Library Materials for Children			
1	*11:30-12:20	MTuWThF	Wham 327	Cox
407-4	Introduction to Reference			
1	*7:30-8:20	MTuWThF	Wham 329	Evans
413-4	Cataloging Non-Book Materials			308
1	*8:30-9:20	MTuWThF	Wham 321	Cox
417-4	Audio-Visual Methods in Education			
1	7:30-8:20	MTuWTh	Wham 327	Scholl
2	8:30-9:20	MTuWTh	Wham 327	Butts
3	9:30-10:20	MTuWTh	Wham 327	Butts
4	10:30-11:20	MTuWTh	Wham 327	Scholl
5	*12:30-1:20	MTuWThF	Wham 327	Ingli
6	*1:30-2:20	MTuWThF	Wham 327	Woelflin
420-4	School Library Activities and Practices			308, 403, 405, 406, 407
1	2:30-4:20	MTuWThF	Wham 327	Fletcher
(July 20-August 19)				
445-4	Preparation of Teacher-Made Audio-Visual Materials			417
1	*8:30-10:20	MTuWThF	Wham 202	Scholl
448-4	Supervision and Administration of an Audio-Visual Program			417
1	*7:30-8:20	MTuWThF	Wham 321	Ingli
450-2	Classroom Teaching with Television			417
1	8:30-10:20	MTuWThF	L 171	
	12:30-2:20			
(August 15-19)				
470-4	Programming Automated Instruction			
1	*10:30-11:20	MTuWThF	Wham 321	Woelflin
510-4	Mass Communications in Education			
1	*10:30-11:20	MTuWThF	Wham 301	Rust
514-4	Survey of Research and Development of Instructional Materials			
1	*8:30-9:20	MTuWThF	Wham 301	Rust
576-2 to 8	Problems in Instructional Materials			
1	To be arranged			Butts
599-5 to 9	Thesis			
1	To be arranged			Butts

JOURNALISM (JOUR)

102-3	Introduction to Journalism I			
1	7:30-8:20	M W F	Ag 220	Hart
103-3	The News			
1	8:30-9:20	M W F	Ag 220	Starck
201-3	Newswriting & Editing I			103
1	10:30-11:20	M	T 48	
	(6 hour laboratory to be arranged)			
202-3	Newswriting & Editing II			103
1	12:30-1:20	M W	T 48	Matheson
	12:30-2:20		F	
214-3	Typography			
1	12:30-3:20	Tu Th	T 185	Modlin
260a-4	Fundamentals of Still Photography			
1	10:30-11:20	M W F	T27 104	Craig

* June 20-August 12

Course No.—Hours Summer	Descriptive Title Time	Days	Place	Instructor
	12:30-2:20	W	Ag 142	Craig
2	10:30-11:20	M W F	T27 104	Craig
	12:30-2:20	W	Ag 142	Craig
Cross-listed with Printing & Photography.				
303-3	Newswriting & Editing III			202
1	12:30-1:20	Tu	T 48	Matheson
310-4	Radio-Television News		103, 201, 202, 303	
1	2:30-3:20	M W F	Comm 114	Dugas
Cross-listed with Radio-Television.				
330-3	Editorial Writing			201, 202
1	9:30-10:20	Tu Th S	H10 A	Hart
370-3	Principles of Advertising			202
1	9:30-10:20	M W F	Ag 150	Hileman
372-5	Advertising, Copy, Lay-out, Production			370
1	10:30-11:20	M W F	H10 A	Hileman
385-1	Radio-TV Special Events		Consent of department	
1	11:30-12:20	W	Comm 114	Dugas
Cross-listed with Radio-Television.				
391-3	Feature Writing			202
1	8:30-9:20	M W F	T 48	Leiter
392-3	Reporting Special Events			390
1	To be arranged			Long
399-1	Senior Seminar		Senior standing	
1	9:30-10:20	W	T 48	Frazer
420-2 to 4	High School Journalism Clinic			
1	To be arranged			Rice
(July 11-July 23)				
421-4	School Publications			
1	*9:30-10:20	MTuWThF	Ag 218	Rice
422-3	Teaching High School Journalism		Junior standing	
1	*12:30-1:20	MTuW F	Ag 218	Rice
	1:20-2:20			
449-2	Practicum			
1	To be arranged			Leiter
479-3	Role of Advertising in our Society			
1	9:30-11:20	Th		Hileman
499-3	Summer Workshop in News Analysis in the Classroom			
1	8:30-11:20	MTuWThF	HEc 120	Long
(July 25-August 3)				
533-1 to 3	Research Problems in Journalism			
1	To be arranged			Rucker
599-1 to 8	Thesis			
1	To be arranged			Rucker
600-1 to 6	Dissertation			
1	To be arranged			Rucker

MANAGEMENT (MGT)

320-5	Corporation Finance			Econ 215
1	9:30-10:20	MTuWThF	L 101	
340-4	Business Organization and Management		Junior standing	
1	8:30-9:20	MTu ThF	L 101	Patrick
361-3	Business Report Writing		GSD 101	
1	9:30-10:20	MTuWTh	Ag 216	Fohr
371-4	Business Law I			
1	10:30-11:20	MTu ThF	L 101	
380-4	Production Management			340
1	7:30-8:20	MTu ThF	L 101	
385-4	Personnel Management			340
1	11:30-12:20	MTu ThF	L 101	Patrick
421-4	Management of Business Finance			320
1	7:30-8:20	TuWThF	Wham 302	Hong
451-4	Quantitative Business Analysis		Approved by instructor	
1	8:30-9:20	MTu ThF	Wham 302	
473-4	Business Enterprises and Public Policy		Senior standing	
1	10:30-11:20	MTu ThF	Wham 302	
481-3	Administrative Management			340
1	9:30-10:20	TuWThF	Wham 302	Greenwood
500-2 to 5	Readings			
1	To be arranged			Hong
581-4	Business Policies			
1	8:30-9:20	TuWThF	Cl 25	Greenwood
594-4	Seminar in Management			
1	9:30-10:20	MTu ThF	Cl 25	Patrick
599-2 to 9	Thesis			
1	To be arranged			Hong

* June 20-August 12

32 MARKETING (MKT)

Course No.—Hours Descriptive Title Days Place Instructor
 Summer Time

MARKETING (MKT)

225-3	Marketing and the Economy	GSB 201c or 211b or equivalent			
1	7:30-8:20	M WTh	Wham 112		Hindersman
325-4	Marketing and the Firm	225			
1	10:30-11:20	TuWThF	Wham 308		Adams
329-4	Retailing Management	325 or concurrent enrollment			
1	12:30-1:20	MTuWTh	M 102		Adams
333-4	Advertising	325 or concurrent enrollment			
1	8:30-9:20	TuWThF	Wham 308		Perry
337-4	Principles of Salesmanship	325 or consent of instructor			
1	1:30-2:20	MTuWTh	Wham 302		Perry
401-4	Retail Problems	329 or consent of instructor			
1	11:30-12:20	MTuWTh	M 102		Adams
438-4	Sales Management	325 or concurrent enrollment			
1	10:30-11:20	TuWThF	Wham 205		Luck
490-4	Marketing Research and Analysis	325 and 1 term of statistics			
1	9:30-10:20	TuWThF	Wham 308		Samli
500-2 to 5	Readings				
1	To be arranged				Luck
501-2 to 5	Individual Research				
1	To be arranged				Hindersman
510-4	Product Strategy and Management				
1	8:30-9:20	MTuWTh	Wham 201		Prell
550-4	Graduate Survey of Marketing				
1	9:30-10:20	MTuWTh	Wham 205		Hindersman
555-4	Marketing Theory	325, 550 or equivalent			
1	7:30-8:20	TuWThF	Wham 228		Luck
599-2 to 5	Thesis				
1	To be arranged				

MATHEMATICS (MATH)

150a-5	Elementary Calculus and Analytic Geometry	GSD 114b and GSD 114c			
1	7:30-8:20	MTuWThF	Comm 118		
2	11:30-12:20	MTuWThF	HEc 206		
3	12:30-1:20	MTuWThF	Cl 12		
150b-5	Elementary Calculus and Analytic Geometry	150a			
1	8:30-9:20	MTuWThF	Comm 118		
2	1:30-2:20	MTuWThF	Comm 120		
225-4	Programming for Digital Computers	GSD 108c or GSD 114c			
1	12:30-1:20	TuWThF	Gym 204		
252a-5	Intermediate Calculus and Analytic Geometry	150b			
1	8:30-9:20	MTuWThF	M 210		
2	12:30-1:20	MTuWThF	Gym 203		
252b-4	Intermediate Calculus and Analytic Geometry	252a			
1	10:30-11:20	TuWThF	Comm 118		
2	10:30-11:20	TuWThF	To be arranged		
305a-3	Applied Mathematics for the Physical Sciences	252b			
1	7:30-8:20	M W F	Ag 116		
310-4 ¹	The Teaching of Elementary Mathematics	GSD 108b			
1	*8:30-9:20	MTuWThF	Ag 166		
2	11:30-12:20	MTuWTh	Wham 319		
311-3	The Teaching of Secondary Mathematics	320a			
1	7:30-8:20	Tu Th	Wham 201		
		F	Wham 205		
320a-3	Fundamental Concepts of Algebra	150b			
1	9:30-10:20	MTu Th	Ag 144		
320b-3	Fundamental Concepts of Algebra	320a			
1	2:30-3:20	M WTh	Comm 118		
335a-3	Concepts of Geometry	252a			
1	10:30-11:20	M W F	Comm 120		
421a-3	Linear Algebra	252b			
1	11:30-12:20	M W F	HEc 328		
421b-3	Linear Algebra	421a			
1	1:30-2:20	M W F	HEc 203		
440-4	Modern Algebra for Teachers				
1	*9:30-10:20	MTuWThF	L 201		
	1:30-2:20	Th	L 201		

National Science Foundation students only

* June 20-August 12

Course No.—Hours Summer	Descriptive Title Time	Days	Place	Instructor
442-4	Survey of Geometry			
1	*10:30-11:20	MTuWThF	Cl 12	
	1:30-2:20	W	Cl 12	
	National Science Foundation students only			
444-3	Sets, Functions, and Relations			
1	*12:30-1:20	MTu ThF	HEc 203	
	National Science Foundation students only			
458a-3	Finite Mathematics			252a
1	*8:30-9:20	M WThF	M 311	
480a-4	Probability			252b
1	*9:30-10:20	MTuWThF	Ag 166	
540-4	Groups & Linear Transformations			
1	*9:30-10:20	MTuWThF	HEc 102	
	1:30-2:20	Th	HEc 102	
	National Science Foundation students only			
544-4	Fundamental Concepts of Calculus			
1	*7:30-8:20	MTuWThF	HEc 206	
	1:30-2:20	Tu	HEc 206	
	National Science Foundation students only			
545-4	Intermediate Analysis for High School Teachers			
1	*7:30-8:20	MTuWThF	HEc 106	
	1:30-2:20	Tu	HEc 106	
	National Science Foundation students only			
547-3	The Secondary School Mathematics Program			
1	*12:30-1:20	MTu ThF	Wham 308	
	National Science Foundation students only			
550a-3 to 6	Seminar in Algebra			Consent of department
1	To be arranged			
550b-3 to 6	Seminar in Geometry			Consent of department
1	To be arranged			
550c-3 to 6	Seminar in Analysis			Consent of department
1	To be arranged			
550d-3 to 6	Seminar in Probability and Statistics			Consent of department
1	To be arranged			
592-3	Research in Mathematics Education			
1	*12:30-1:20	MTuW F	Comm 108	
	National Science Foundation students only			
595a-3	Special Project in Algebra			Consent of department
1	To be arranged			
595b-3	Special Project in Geometry			Consent of department
1	To be arranged			
595c-3	Special Project in Analysis			Consent of department
1	To be arranged			
595d-3	Special Project in Probability and Statistics			Consent of department
1	To be arranged			
599-2 to 6	Thesis			Consent of department
1	To be arranged			

MICROBIOLOGY (MICR)

511-1 to 8	Research			
1	To be arranged			
528-1 to 8	Readings in Microbiology			
1	To be arranged			
599-3 to 9	Thesis			
1	To be arranged			
600-1 to 12	Dissertation			
1	To be arranged			

MUSIC (MUS)

001b-1	Symphonic Band			
1	1:30-2:20	Tu Th	Alg 115	Siener
002a-1	Chorus			
1	3:30-4:20	M W F	Alg 115	Kingsbury
002c-1	Collegiate Singers			
1	2:30-3:20	Tu ThF	Alg 115	Kingsbury
003-1	Orchestra			
1	2:30-3:20	M W	Alg 115	van Bronkhorst Levinson
	7:00-9:00 pm	Tu	Alg 115	van Bronkhorst Levinson

* June 20-August 12

¹ Section 1 of Mathematics 310 is for in-service teachers only.

34 MUSIC (MUS)

Course No.—Hours Summer	Descriptive Title Time	Days	Place	Instructor
010a-1	Class Violin			
1	10:30-11:20	M W F	Alg 219	Wharton
010b-1	Class Viola			
1	10:30-11:20	M W F	Alg 219	Wharton
010c-1	Class Cello			
1	10:30-11:20	M W F	Alg 231	Spurbeck
010d-1	Class String Bass			
1	10:30-11:20	M W F	Alg 231	Spurbeck
011-2 to 4	Private Violin			
1	To be arranged		Alg 219	Wharton
2	To be arranged		M 110	van Bronkhorst Levinson
020a-1	Class Flute			
1	7:30-8:20	M W F	Aud 201	Bottje
020b-1	Class Oboe			
1	7:30-8:20	M W F	Aud 201	Hussey
020c-1	Class Clarinet			
1	7:30-8:20	M W F	Aud 201	Hussey
020d-1	Class Bassoon			
1	7:30-8:20	M W F	Aud 201	Hussey
020e-1	Class Saxophone			
1	7:30-8:20	M W F	Aud 201	Hussey
021-2 to 4	Private Flute			
1	To be arranged		Alg 233	Bottje
022-2 to 4	Private Oboe			
1	To be arranged		Alg 236	Hussey
023-2 to 4	Private Clarinet			
1	To be arranged		Aud 201	Rose
024-2 to 4	Private Bassoon			
1	To be arranged		Aud 201	Hussey
025-2 to 4	Private Saxophone			
1	To be arranged		Aud 201	Rose
031-2 to 4	Private Percussion			
1	To be arranged		Aud 201	Hanes
040-1	Class Piano			
1	8:30-9:20	M W	Alg 301	Grizzell
2	8:30-9:20	Tu Th	Alg 301	Schmidt
3	9:30-10:20	M W	Alg 301	Grizzell
041-2 to 4	Private Piano			
1	To be arranged		Alg 238	Denker
2	To be arranged		Alg 241	Werner
050a-1	Class French Horn			
1	7:30-8:20	M W F	Alg 225	Stiman Nadaf
050b-1	Class Trumpet			
1	7:30-8:20	M W F	Alg 227	Stiman Nadaf
050c-1	Class Trombone			
1	7:30-8:20	M W F	Alg 227	Stiman Nadaf
050d-1	Class Tuba			
1	7:30-8:20	M W F	Alg 227	Stiman Nadaf
050e-1	Class Baritone			
1	7:30-8:20	M W F	Alg 227	Stiman Nadaf
051-2 to 4	Private French Horn			
1	To be arranged		Alg 225	Stiman Nadaf
052-2 to 4	Private Trumpet			
1	To be arranged		Aud 204	Olsson
053-2 to 4	Private Trombone			
1	To be arranged		Alg 227	Nadaf Stiman
054-2 to 4	Private Tuba			
1	To be arranged		Aud 202	Nadaf Stiman
055-2 to 4	Private Baritone			
1	To be arranged		Aud 204	
060-1	Class Voice			
1	10:30-11:20	Tu Th	Alg 244	Goleeke
061-2 to 4	Private Voice			
1	To be arranged		Alg 246	W. Taylor
2	To be arranged		Alg 239	Goleeke
071-2 to 4	Private Organ			
1	To be arranged		Aud Stage	Webb
105c-4	Theory of Music			105b

Course No.—Hours Summer	Descriptive Title Time	Days	Place	Instructor
200-3	1 8:30-9:20 Fundamentals of Music	MTuWThF	Alg 116	Hussey
205c-3	1 12:30-1:20 Theory of Music	M W F	Alg 248	Gordon
300a-3	1 9:30-10:20 Elementary Music Methods for Music Majors	MTuWThF	Alg 106	Werner
300b-3	1 1:30-2:20 Elementary Music Methods for Non-music Majors	M W F	Alg 106	Taylor
305i-3	1 12:30-1:20 Instrumental Problems and Materials	M W F	Alg 106	Robinson
306-3	1 8:30-9:20 Music for Primary Children	M W F	Alg 115	Intravaia
309a-2	1 8:30-9:20 Arranging	MTuW F	Alg 248	Robinson
312a-2	1 7:30-8:20 Composition	Tu Th	Alg 106	van Bronkhorst Levinson
312b-2	1 To be arranged Composition		Alg 233	Bottje
312c-2	1 To be arranged Composition		Alg 233	Bottje
318a-2	1 To be arranged Conducting		Alg 233	Bottje
	1 7:30-8:20 (Conference T.B.A.)	M W	Alg 115	van Bronkhorst Levinson
	2 1:30-2:20 (Conference T.B.A.)	Tu Th	Alg 115	Siener
	3 3:30-4:20 (Conference T.B.A.)	M W F	Alg 115	Kingsbury
345-1	1 1:30-2:20 Chamber Choir	M W F	Alg 115	Kingsbury
346-2 to 8	1 9:00-12:00 Opera Workshop (Opera) (Hot Springs, Ark.)	M W F	Ark.	Lawrence
	4:00-6:00 pm	Tu Th	Ark.	Lawrence
	(June 20-July 29)			
346-2 to 8	2 7:00-10:00 pm Opera Workshop (Music Theatre)	MTuWThF	Aud. Stage	W. Taylor
355-1	1 To be arranged Chamber Music (Strings)		M 110	
365-1	1 To be arranged Chamber Music (Woodwinds)		Aud 204	
365-1	2 To be arranged Chamber Music (Brass)		Aud 204	
420	t1 To be arranged Music Education Practicum			Maloney
	(July 11-22)			
441a-2	1 9:30-10:20 Counterpoint	Tu Th	Alg 248	Schmidt
461-2	1 To be arranged Teaching Techniques and Materials for the Beginning and Intermediate Levels (Piano)		Alg 248	Schmidt
462-2	1 11:30-12:20 Teaching Techniques and Materials for the Advanced Student—Vocal Repertoire	M W	Alg 244	Goleeke
465-3	1 9:30-10:20 Development and Teaching of Strings	M W F	Alg 248	Spurbeck
471-2 to 6	1 To be arranged Private Piano		Alg 238	Denker
	2 To be arranged		Alg 247	Werner
472-2 to 6	1 To be arranged Private Voice		Alg 246	W. Taylor
	2 To be arranged		Alg 239	Goleeke
473a-2 to 6	1 To be arranged Private Violin		M 110	van Bronkhorst Levinson
474a-2 to 6	1 To be arranged Private Flute		Alg 233	Bottje
481-2 to 6	1 To be arranged Readings in Music Theory		Alg 247	Werner
482-2 to 6	1 To be arranged Readings in Music History and Literature		Alg 217	Morgan
483-2 to 6	1 To be arranged Readings in Music Education		Aud 201	
501-3	1 8:30-9:20 Introduction to Graduate Studies in Music	M WThF	Alg 106	Denker

Course No.—Hours Summer	Descriptive Title Time	Days	Place	Instructor
502-3 1	History and Analysis of Musical Styles 10:30-11:20	MTuW F	Alg 106	Mueller Morgan
503-3 1	Objective Research Techniques in Music Education *9:30-10:30	M W F	Alg 116	Gordon
(See note below)				
505-3 1	History and Philosophy of Music Education *To be arranged		M 106	C. Taylor
(See note below)				
522-3 1	Seminar in Music History and Literature To be arranged		Alg 103c	Morgan
531-3 1	Advanced Composition To be arranged		Alg 233	Bottje
553-3 1	Seminar in Choral Materials and Techniques 9:00-12:00 1:00-4:00 7:00-9:00 p.m.	MTuWThF	Davis Aud	C. Taylor
(Fred Waring Workshop July 10-15) Additional fee is charged (See Chairman of Music Department).				
556-2 to 6 1	Advanced Conducting 7:30-8:20 (Conference T.B.A.)	M W	Alg 115	318c van Bronkhorst Levinson
2	3:30-4:20 (Conference T.B.A.)	M W F	Alg 115	Kingsbury
3	1:30-2:20 (Conference T.B.A.)	Tu Th	Aud 202	Siener
560-2 to 3 1	Seminar: Music Education *To be arranged		M 106	Gordon
(See note 1 below)				
566-1 1	Instrumental Ensemble (Orchestra) 2:30-3:20 7:00-9:00	M W Tu	Alg 115	van Bronkhorst Levinson
566-1 2	Instrumental Ensemble (Band) 1:30-2:20	Tu Th	Alg 115	Siener
567-1 1	Vocal Ensemble 1:30-2:20	M W F	Alg 115	Kingsbury
568-2 to 8 1	Opera Workshop (Hot Springs, Arkansas) 9:00-12:00 4:00-6:00 pm	M W F Tu ThF	Ark. Ark.	Lawrence Lawrence
(June 20-July 29)				
568-2 to 8 2	Opera Workshop (Summer Music Theatre) 7:00-10:00 pm	MTuWThF	Muckelroy Aud	W. Taylor
571-4 to 16 1	Private Piano To be arranged		Alg 247 Alg 238	Barwick Denker
572-4 to 16 1	Private Voice To be arranged			
573a-4 to 16 1	Private Violin To be arranged		M 110	van Bronkhorst Levinson
573b-4 to 16 1	Private Viola To be arranged		M 110	van Bronkhorst Levinson
573c-4 to 16 1	Private Cello To be arranged		Alg 231	Spurbeck
573d-4 to 16 1	Private String Bass To be arranged		Alg 231	Spurbeck
574a-4 to 16 1	Private Flute To be arranged		Alg 233	Bottje
574b-4 to 16 1	Private Oboe To be arranged		Alg 236	Hussey

* June 20-August 12

Note 1—Music 503, 505, and 560 may be taken for either 8 weeks or full quarter, after consultation with department chairman. Class assignments will be adjusted within the indicated time schedule.

Note—All private lessons (Applied Music Courses) must be arranged with the instructor concerned on the first day of the summer quarter (June 20). Courses in private or class instruments will be offered to qualified non-music majors after consultation with the chairman of the Department of Music. Students enrolled in private or class applied courses are expected to practice at least one hour per day. Air-conditioned practice rooms will be assigned on the first day of the quarter in Altgeld 103.

Course No.—Hours Summer	Descriptive Title Time	Days	Place	Instructor
574c-4 to 16 1	Private Clarinet To be arranged		Alg 236	Rose
574e-4 to 16 1	Private Saxophone To be arranged		Alg 234	Rose
575a-4 to 16 1	Private Trumpet To be arranged		Aud 201	Olsson
575b-4 to 16 1	Private French Horn To be arranged		Alg 225	Stiman Nadaf
575c-4 to 16 1	Private Baritone To be arranged		Alg 227	Stiman Nadaf
575d-4 to 16 1	Private Trombone To be arranged		Alg 227	Stiman Nadaf
575e-4 to 16 1	Private Tuba To be arranged		Alg 227	Stiman Nadaf
576-4 to 16 1	Private Organ To be arranged		Alg 217	Webb
577-4 to 16 1	Private Percussion To be arranged		Aud 201	Hanes
599-3 to 9 1	Thesis To be arranged		Alg 103b	Mueller

PHILOSOPHY (PHIL)

GSC 381-3	Greek Philosophy (See General Studies Area C for schedule.)			
GSC 382-3	Roman Graeco and Medieval Philosophy (See General Studies Area C for schedule.)			
GSC 383-3	Early Modern Philosophy (See General Studies Area C for schedule.)			
320-4	General Logic			
1	10:30-11:20	MTuWTh	HEc 208	McClure
490-3	Special Problems: American Social and Political Philosophy			
1	1:30-4:00	M	HEc 211	Goedecke
490-3	Special Problems			
2	To be arranged		HEc 209	Moore
500-3	Seminar in Metaphysics			
1	1:30-4:00	W	HEc 211	Plochmann
590-3	General Graduate Seminar: Whitehead			
1	1:30-4:00	Tu	HEc 211	McClure
590-3	General Graduate Seminar			
2	To be arranged		HEc 209	Moore
591-1 to 5	Readings in Philosophy			
1	To be arranged		HEc 209	Moore
599-2 to 9	Thesis			
1	To be arranged		HEc 209	Moore
600-2 to 12	Dissertation			
1	To be arranged		HEc 209	Moore

PHYSICAL EDUCATION FOR MEN (PEM)

100a-1	Methods of Teaching Swimming			
1	10:30-11:20	M W F	Pool	
100b-1	Methods of Teaching Golf			
1	11:30-12:20	W F	Arena	Holder
100c-1	Methods of Teaching Tennis			
1	10:30-11:20	Tu Th	Tennis Ct.	LeFevre
100d-1	Methods of Teaching Individual and Team Activities			
1	11:30-12:20	MTu Th	Arena	Wilkinson
100h-2	Methods of Teaching Basketball			
1	8:30-9:20	MTuWTh	Arena	Iubelt
100i-2	Methods of Teaching Baseball			
1	12:30-2:20	M W	Arena	Lutz
100j-2	Methods of Teaching Track and Field			
1	9:30-10:20	MTuWTh	Arena	Hartzog

Note—All private lessons (Applied Music Courses) must be arranged with the instructor concerned on the first day of the summer quarter (June 20). Courses in private or class instruments will be offered to qualified non-music majors after consultation with the chairman of the Department of Music. Students enrolled in private or class applied courses are expected to practice at least one hour per day. Air-conditioned practice rooms will be assigned on the first day of the quarter in Altgeld 103.

Course No.—Hours	Descriptive Title	Time	Days	Place	Instructor
100k-2	Methods of Teaching Gymnastics				
1		7:30-8:20	MTuWTh	Arena	Meade
101-2	Orientation Practicum in Physical Education				
1		7:30-8:20	M W	Gym 203	Martin
303-5	Kinesiology			Phsl 300, GSA 301	
1		11:30-12:20	MTuWThF	Arena 125	
	Cross-listed with Women's Physical Education.				
305-2	Physical Education for the Atypical Student			GSA 301, Phsl 300	
1		9:30-10:20	Tu Th	Gym 203	Okita
330a-2	Theory of Basketball Coaching				100h
1		7:30-8:20	Tu Th	Gym 203	Iubelt
341-3	Principles of Physical Education				Senior standing
1		9:30-10:20	M W F	Gym 203	Shea
369-4	Teaching Through Testing				
1		1:20-4:00	MTuWThF	Gym 207	West, Thorpe
	Cross-listed with Women's Physical Education. (June 20-July 15)				
370-4	Tests & Measurements				
1		10:30-11:20	MTuWTh	Gym 204	
	Cross-listed with Women's Physical Education.				
407-4	Scientific Basis of Athletic Training			Phsl 300	
1		12:30-2:20	MTuWTh	Arena 125	Spackman
	Cross-listed with Women's Physical Education (June 20-July 22)				
420-4	Physiological Effects of Motor Activity			GSA 301	
1		*8:30-9:20	MTuWThF	Gym 204	
	Cross-listed with Women's Physical Education.				
501-4	Curriculum in Physical Education				
1		*7:30-8:20	MTuWThF	Gym 204	Davies
	Cross-listed with Women's Physical Education.				
503-4	Seminar in Physical Education				
1		*10:30-11:20	MTuWThF	Gym 203	Shea
	Cross-listed with Women's Physical Education.				
504-4	Problems in Physical Education			PEM 500	
1		*To be arranged			
	Cross-listed with Women's Physical Education.				
509-4	Supervision in Physical Education				
1		*9:30-10:20	MTuWThF	Gym 204	Zimmerman
	Cross-listed with Women's Physical Education.				
525-1 to 5	Readings in Physical Education				
1		To be arranged			
599-3 to 6	Thesis				
1		To be arranged			

PHYSICAL EDUCATION FOR WOMEN (PEW)

303-5	Kinesiology			Phsl 300	
1		11:30-12:20	MTuWThF	Arena 125	Weber
	Cross-listed with Men's Physical Education.				
319-4	Teaching Elementary School Group Activities			Psych 301 or Guid 305	
1		9:30-10:20	MTuWTh	Gym 208	Wood
2		10:30-11:20	MTuWTh	Gym 208	Zimmerman
3		12:30-1:20	MTuWTh	Gym 208	Zimmerman
335-3	Techniques of Teaching Swimming			GSE 111b or equivalent	
1		7:30-8:20	M F	Pool	West
369-4	Teaching Through Testing				
1		1:20-4:00	MTuWThF	Gym 207	Thorpe West
	Cross-listed with Men's Physical Education. (June 20-July 15)				
370-4	Tests and Measurements in Physical Education				
1		10:30-11:20	MTuWTh	Gym 204	West
	Cross-listed with Men's Physical Education.				
407-2	Scientific Basis of Athletic Training				
1		12:30-2:20	MTuW F	Arena 125	Spackman
	Cross-listed with Men's Physical Education. (June 20-July 22)				
420-4	Physiological Effects of Motor Activity				
1		*8:30-9:20	MTuWThF	Gym 204	Knowlton
	Cross-listed with Men's Physical Education.				
501-4	Curriculum in Physical Education				
1		*7:30-8:20	MTuWThF	Gym 204	Davies

* June 20-August 12

Course No.—Hours Summer	Descriptive Title Time	Days	Place	Instructor
503-4	Seminar in Physical Education			
1	*10:30-11:20	MTuWThF	Gym 203	Shea
	Cross-listed with Men's Physical Education.			
504-4	Problems in Physical Education			
1	*To be arranged			
	Cross-listed with Men's Physical Education.			
509-4	Supervision in Physical Education			
1	*9:30-10:20	MTuWThF	Gym 204	Zimmerman
	Cross-listed with Men's Physical Education.			
525-1 to 6	Readings in Physical Education			
1	*To be arranged			
	Cross-listed with Men's Physical Education.			
599-3 to 6	Thesis			
1	*To be arranged			
	Cross-listed with Men's Physical Education.			

PHYSICS (PHYS)

206a-5	College Physics			GSD 114c
1	7:30-8:20	M W F	P 308	
	7:30-9:20	Tu	P 317	
	7:30-9:20	Th	P 308	
211a-5	University Physics			Math 150b or concurrent
1	9:30-10:20	Tu ThF	P 309	
	9:30-11:20	M	P 309	
	9:30-11:20	W	P 317	
300-5	University Physics IV			206a,b,c or 211a,b,c
	9:30-10:20	TuW F	P 308	
	9:30-11:20	M Th	P 302	
	Cross-listed with Applied Science.			
312-5	Radio			206b or 211b
1	7:30-8:20	MTuW F	P 309	
	7:30-9:20	Th	P 318	
410-5	Physical Optics			305b, Math 306 or consent of department
r1	7:30-9:20	Tu Th	P 302	
	8:30-9:20	M W F	P 309	
414-5	Nuclear Physics			413b or consent of department
r1	10:30-11:20	MTuWThF	P 309	
420-2 to 5	Special Projects			Consent of department
1	To be arranged			
450-5	Solid State Physics			305b, 413b, or consent of department
1	9:30-10:20	MTu ThF	P 301	
	9:30-11:20	W	P 303	
520-2 to 5	Special Projects			Consent of department
1	To be arranged			
590-1 to 9	Thesis			Consent of department
1	To be arranged			

PHYSIOLOGY (PHSL)

300-5	Human Anatomy			
1	8:30-9:20	MTu ThF	LS 616	Jacobs
	8:30-10:20	W	SS 618	Jacobs
GSA 301-4	Principles of Physiology (See General Studies Area A for schedule.)			
440-3	Electron Microscope			Senior standing
1	7:30-8:20	Tu Th	LS G16	
	9:30-11:20	M	LS 121	
2	7:30-8:20	Tu Th	LS G16	
	9:30-11:20	W	LS 121	
599-3	Thesis			Consent of department
1	12:30-2:20	MTuWThF	LS Labs	
600-6	Dissertation			Consent of department
1	12:30-2:20	MTuWThF	LS Labs	

PLAN - A (PLA)

151a-3	Honors Seminar			
1	3:30-5:30	Tu	Plan-A House	
	(See note below)			
251d-3	Honors Seminar			
1	3:30-5:30	Th	Plan-A House	

NOTE—The material in the summer will be the same as in the fall. Thus a freshman entering in the summer can take Plan-A in the summer and winter, but not summer and fall of this year.

* June 20-August 12

40 PLANT INDUSTRIES (PL I)

Course No.—Hours Descriptive Title Days Place Instructor
 Summer Time

PLANT INDUSTRIES (PL I)

304-3	Landscape Gardening					
1	8:30-9:20	Tu Th	Ag 195	Rawson		
	7:30-9:20	S	Ag 195	Rawson		
309-4	Field Crop Production				GSA 201b	
1	2:30-3:20	MTu Th	Ag 155	Portz		
	1:30-3:20	W	Ag 171	Portz		
390-1 to 3	Special Studies in Plant Industries				Consent of department	
1			Ag 178			
407a-3	Fertilizers and Soil Fertility				One course in Soils	
1	7:30-9:30	TuWThF	Ag 155	Vavra		
	(June 20-July 15)					
520-1 to 3	Readings				Consent of department	
1	To be arranged		TBA			
575-1 to 6	Research				Consent of department	
1	To be arranged		Ag 167			
599-1 to 9	Thesis				Consent of department	
1	To be arranged		Ag 167			

PRINTING AND PHOTOGRAPHY (P & P)

217-4	General Typography					
1	8:30-10:20	MTuWTh	T 185	Modlin		
	Cross-listed with Industrial Education.					
260a-4	Fundamentals of Still Photography					
1	10:30-11:20	M W F	T27 104	Craig		
	12:30-2:20	M	Ag 142	Craig		
2	10:30-11:20	M W F	T27 104	Craig		
	12:30-2:20	W	Ag 142	Craig		
	Cross-listed with Journalism.					
341a-4	Cinematography					
1	8:30-9:20	TuWTh	T27 104	Mercer		
	12:30-2:20	W	T27 100	Mercer		
2	8:30-9:20	TuWTh	T27 104	Mercer		
	2:30-4:20	W	T27 100	Mercer		
360c-2 to 6	Publications Photography				360a	
1	12:30-1:20	M	T27 104	Horrell		
	Cross-listed with Journalism.					
411-1 to 10	Workshop in Still Photography				Consent of department	
1	*2:30-4:20	MTuWThF	T27 104	Craig		
412-1 to 6	Workshop in Cinema Production				Consent of department	
1	To be arranged			Paine		
431-1 to 6	Problems in Still Photography and Cinematography				Consent of department	
1	To be arranged					

PSYCHOLOGY (PSYC)

211a-4	Principles and Methods of Psychology				GSB 201c	
1	8:30-9:20	MTuW	Comm 116	Mitchell		
	7:30-9:20	Th	T 142			
2	8:30-9:20	MTuW	Comm 116	Mitchell		
	7:30-9:20	F	T 142			
301-4	Child Psychology				GSB 201c	
1	9:30-10:20	MTuWTh	Ag 224	O'Donnell		
305-4	Psychology of Personality				GSB 201c	
1	10:30-11:20	MTuWTh	L 201	Martire		
311-4	Experimental Psychology: Learning				211b and consent of instructor	
1	7:30-8:20	M W F	Cl 16	Wagman		
	7:30-9:20	Tu	T 142			
490-1 to 16	Independent Projects					
1	To be arranged					
495-1 to 18	Seminar: Selected Topics					
1	To be arranged					
531-4	Advanced Psychopathology				Consent of department	
1	*To be arranged			Schill		
545-2	Psychodiagnostics III		543a and consent of instructor			
1	To be arranged			Lichtenstein		
590-1 to 16	Readings in Psychology				Consent of instructor	
1	To be arranged					

* June 20-August 12

Course No.—Hours Summer	Descriptive Title Time	Days	Place	Instructor
591-1 to 18	Research in Psychology			Consent of instructor
1	To be arranged			
595-1 to 18	Advanced Seminar			Consent of instructor
1	*To be arranged			McHose
2	To be arranged			Mitchell
3	To be arranged			Wagman
599-1 to 9	Thesis			
1	To be arranged			
600-1 to 16	Dissertation			
1	To be arranged			

RADIO-TELEVISION (R-T)

161-4	Radio-Television Speaking				
1	8:30-9:20	MTu ThF	Comm 144	Niemeyer	
251-3	Survey of Broadcasting				
1	10:30-11:20	M W F	Comm 114	Richter	
252-3	Broadcasting Production Analysis				
1	9:30-10:20	M W F	Comm 114	Robbins	
260-3	Audio Control Room Practices				
1	12:30-1:20	M	Comm 144	Criminger	
	12:30-2:20	Tu Th			
273-3	Fundamentals of Radio Program Production				
1	7:30-8:20	MTu	Comm 144	Richter	
	7:30-9:20	W			
274-5	Basic Television Production				
1	12:30-1:20	M W F	Comm 114	Allen	
	Four hours lab to be arranged				
310-4	Radio-Television News		Jrnl 103, 201, 202, and 303		
1	2:30-3:20	M W F	Comm 114	Dugas	
	Cross-listed with Journalism.				
352-4	Broadcast Laws and Policies				251
1	8:30-9:20	MTuWTh	Comm 114	Criminger	
353-2	Radio and Television in Education				
1	9:30-10:20	Tu Th	Comm 114		
367-3	Radio-Television Production Survey				For non-majors only
1	1:30-2:20	M W F	Comm 144		
373-1 to 3	Advanced Radio Production Laboratory				273
1	2:30-3:20	Tu Th	Comm 114	Criminger	
374-1 to 3	Advanced Television Production Laboratory				274
1	3:30-4:20	M	Comm 114	Dybvig	
375j-1 to 4	Individual Research Problems				Consent of department
1	10:30-11:20	Tu	Comm 114		
375n-1 to 4	Production Problems				Consent of department
1	10:30-11:20	Th	Comm 114		
385-1	Radio-TV Special Events				Consent of department
1	11:30-12:20	W	Comm 114	Dugas	
	Cross-listed with Journalism.				
390-5	Broadcast Station Management				
1	1:30-2:20	MTuWThF	Comm 114	Kurtz	

RECREATION AND OUTDOOR EDUCATION (REC)

201-4	Introduction to Recreation Leadership				
1	8:30-9:20	MTuWTh	Gym 203	O'Brien	
202-4	Organization and Conduct of Recreation Programs				201
1	7:30-8:30	MTuWTh	M 203	Staff	
220-4	Leadership in Outdoor Recreation				201, 202
1	11:30-1:20	MTuWTh	M 203	Staff	
230-4	Recreational Arts and Crafts				
1	9:30-10:20	MTuWTh	M 203	Rillo	
301-4	Programs in School Camping and Outdoor Education				201, 202
1	8:30-9:20	MTuWTh	M 203	Knapp	
305-4	Maintenance and Repair of Recreational Areas, Facilities, and Equipment				201, 202
1	10:30-11:20	MTuWTh	M 203	Abernathy	
310-3	Social Recreation				
1	10:30-11:00	MTuW	M 203	Staff	
312-2	Playground Leadership				
1	To be arranged		Granite City Park		
	(June 9-11)			Franklin	
312-2 to 6	Playground Leadership				201, 202
2	To be arranged			Franklin	

* June 20-August 12

Course No.—Hours	Descriptive Title	Time	Days	Place	Instructor
313-2 to 6	Recreation Leadership				201, 202
1	To be arranged				Franklin
450-4	Principles and Interpretations of Recreation				
1	*9:30-10:20	MTuWThF	M 203b		O'Brien
480-4	Techniques in Camping				450
1	*To be arranged			M 203b	Abernathy
490-2 to 12	Practicum				
1	To be arranged			LG	Freeberg
510-4	School Camping and Outdoor Education				
1	*9:30-10:20	MTuWThF	Ag 174		Rillo
530-4	Organization for Community Recreation				450
1	*10:30-11:20	MTuWThF	Ag 174		Ridinger
540-4	Recreation Surveys and Planning of Facilities				450
1	*8:30-9:20	MTuWThF	Ag 170		Taylor
550-2 to 6	Field Problems in Community Recreation				450
1	To be arranged			606 S. Marion	Ridinger
560-2 to 6	Field Problems				450
1	To be arranged			606 S. Marion	Freeberg

RELIGION (REL)

337-3	Teachings of Jesus				
1	8:30-9:20	M W F R	1		Smith
354-3	Christian Principles for Teachers				
1	7:30-8:20	M W F R	1		Hall

SECONDARY EDUCATION (SED)

310-4	History and Principles of Secondary Education				Guid 305
1	7:30-8:20	MTuWTh	Wham 326		Keefer
2	9:30-10:20	TuWThF	Wham 326		Keefer
315-3	High School Methods				Guid 305
1	8:30-9:20	M W F	Wham 326		Dykhouse
352a-4 to 16	Secondary Student Teaching				
1	To be arranged in Agriculture				
2	To be arranged in Art				
3	To be arranged in Biology				
4	To be arranged in Business				
5	To be arranged in Chemistry				
6	To be arranged in Economics				
7	To be arranged in English				
8	To be arranged in Foreign Language				
9	To be arranged in General Science				
10	To be arranged in Geography				
11	To be arranged in Government				
12	To be arranged in Health Education				
13	To be arranged in History				
14	To be arranged in Home Economics				
15	To be arranged in Ind. Education				
16	To be arranged in Journalism				
17	To be arranged in Mathematics				
18	To be arranged in Music				
19	To be arranged in Phys Education				
20	To be arranged in Physics				
21	To be arranged in Sociology				
22	To be arranged in Social Studies				
23	To be arranged in Speech				
24	To be arranged in Library Service				
352b-4 to 16	Secondary Student Teaching				24 sections each quarter as listed above
352c-4 to 16	Secondary Student Teaching				24 sections each quarter as listed above
375-2 to 3	Readings in Secondary Education				Guid 305
1	To be arranged				
407-4	The Junior High School				Guid 305
1	*9:30-10:20	MTuWThF	Wham 329		Stephens
488-3	Teaching Social Studies in High School				
1	*7:30-8:20	MTuWTh	Wham 328		Samford
490-4	Workshop: Economic Education				
1	8:30-11:50	MTuWThF	HEc 122		Mees and Martinsek
	1:10-3:20				

(August 15-August 26)

Cross-listed with Economics.

* June 20-August 12

Course No.—Hours Summer	Descriptive Title Time	Days	Place	Instructor
505-4	Improvement of Reading Instruction			
1	*8:30-9:20	MTuWThF	Wham 203	Brod
	Cross-listed with Elementary Education.			
507-2 to 4	Readings in Reading			
1	*12:30-1:20	Tu Th	Wham 203	Ragsdale
	Cross-listed with Elementary Education.			
508-4	Seminar: Trends in Selected Areas of Secondary Education			
1	*10:30-11:20	MTuWThF	Wham 326	Mees
509-2 to 4	Practicum in Reading			
1	To be arranged			
514-4	Organization and Administration of Reading Programs			
1	To be arranged			
518-2	Supervision of Student Teachers			
1	9:30-10:20	MTuWThF	Wham 317	Casey
	(June 20-July 15)			
521a-3	Diagnosis and Correction of Reading Disabilities			
1	To be arranged			
521b-3	Diagnosis and Correction of Reading Disabilities			
1	To be arranged			
562-4	High School Curriculum			
1	*11:30-12:20	MTuWThF	Wham 326	Fligor
564-4	High School Principalship			
1	*12:30-1:20	MTuWThF	Wham 303	Stephens
575a-2 to 4	Individual Research—Curriculum			
1	To be arranged			
575b-2 to 4	Individual Research—Supervision			
1	To be arranged			
575c-2 to 4	Individual Research—Language Arts			
1	To be arranged			
575d-2 to 4	Individual Research—Science			
1	To be arranged			
575e-2 to 4	Individual Research—Readings			
1	To be arranged			
575f-2 to 4	Individual Research—Social Studies			
1	To be arranged			
575g-2 to 4	Individual Research—Secondary Education			
1	To be arranged			
596-5 to 9	Independent Investigation			
1	To be arranged			
597-1 to 3	Thesis			
1	To be arranged			
598-1 to 3	Thesis			
1	To be arranged			
599-1 to 3	Thesis			
1	To be arranged			
600-1 to 16	Dissertation			
1	To be arranged			

**SECRETARIAL AND BUSINESS
EDUCATION (SEC)**

201c-3	Typewriting			201b
1	8:30-9:20	TuWThF	Cl 13	Rahe
241-1	Duplicating			201a
1	7:30-9:20	M	Ll 13	Rahe
242-1	Calculating Machines for Accountants			
1	10:30-12:20	F	Cl 17	Bauernfeind
304-3	Advanced Typewriting			201c
1	8:30-9:20	TuWThF	Cl 13	Rahe
324a-4	Advanced Shorthand and Transcription			221c
1	9:30-10:20	MTuWThF	Cl 17	Rahe
324b-4	Advanced Shorthand and Transcription			324a
1	9:30-10:20	MTuWThF	Cl 17	Rahe
404-3	Teaching Shorthand and Transcription			
1	9:30-11:20	TuWThF	Cl 13	Slaten
	Plus one 50 minute meeting to be arranged			
	(June 20-July 15)			
414a-3	Organization and Administration of Cooperative Vocational Business Education Programs			
1	7:30-9:20	MTuWThF	Cl 21	Bauernfeind
	12:30-2:20 on June 22, 29, and July 6, plus 3 meetings T.B.A.			
	(June 20-July 8)			

* June 20-August 12

44 SECRETARIAL AND BUSINESS EDUCATION (SEG)

Course No.—Hours	Descriptive Title	Time	Days	Place	Instructor
Summer					
415-6	Supervised Business Experience and Related Study				
1		7:30-10:20	MTuWThF	Cl 21	Bauernfeind
	(July 11-August 26)				
See note below					
501-2 to 5	Individual Research in Business Education				
1	*To be arranged			Cl 13	Slaten
509-4	Improvement of Instruction in General (Basic) Business Subjects				
1		9:30-11:20	MTuWThF	Cl 13	Slaten
	(July 11-August 12)				

SOCIOLOGY (SOC)

301-4	Principles of Sociology				Junior standing
1		8:30-9:20	MTuWTh	Wham 205	Gold
302-4	Contemporary Social Problems				301
1		10:30-11:20	MTuWTh	L 131	Gold
312-4	Elements of Sociological Research				GSD 108-9, or Math 220
t1		8:30-10:20	Tu Th	L 231	Brooks
GSB 325-3	Race and Minority Relations (See General Studies Area B for class schedule.)				
333-4	Community Organization				GSB 201b or 301
1		11:30-12:20	MTuWTh	Wham 205	Nall
340-4	The Family				GSB 201b or 301
1		8:30-9:20	MTuWTh	Ag 216	Snyder
GSB 341-3	Marriage (See General Studies Area B for class schedule.)				
371-4	Population and Migration				GSB 201b or 301
t1		8:30-10:20	M W	L 231	Brooks
372-4	Criminology				GSB 201b or 301
1		7:30-8:20	MTuWTh	Wham 205	Jansyn
375-4	Social Welfare as a Social Institution				GSB 201b or 301
1		9:30-10:20	MTuWTh	LS 16	Eades
383-4	Introduction to Interviewing				GSB 201b or c or 301
1		10:30-11:20	MTuWTh	Ag 116	Brose
2		12:30-1:20	MTuWTh	L 121	Brose
424-4	Collective Behavior				GSB 321
1		9:30-10:20	MTuWTh	HEc 206	Johnson
435-4	Social Stratification				GSB 201b or 301
1		1:30-2:20	MTuWTh	Wham 205	Nall
453-4	Social Movements				8 hours Sociology
1		11:30-12:20	MTuWTh	Wham 206	Patterson
472-4	The American Correctional System				Consent of Corrections Center
1	To be arranged				
486-1 to 5	Independent Study in Community Development				Consent of Community Development
1	To be arranged				
489e-2 to 4	Independent Study in Corrections				Consent of Corrections Center
1	To be arranged				
583-4 to 12	Supervised Field Work in Corrections				Consent of Instructor
1	To be arranged				VanderWeil
587-2 to 8	Individual Research in Community Development				Consent of Community Development
1	To be arranged				
591-2 to 6	Individual Research				Consent of department
1	To be arranged				
596-2 to 14	Readings in Sociology				Consent of department
1	To be arranged				
599-2 to 9	Thesis				Consent of department
1	To be arranged				
600-1 to 16	Dissertation				Consent of department
1	To be arranged				

SPECIAL EDUCATION (SPE)

410-4	Problems and Characteristics of the Mentally Retarded				
1	*8:30-9:20	MTuWThF		Wham 329	Staff
413-4	Directed Observation of Exceptional Children				
1	*9:30-11:20	Tu Th		Wham 305	Rainey
414-4	The Exceptional Child				
1	*1:30-2:20	MTuWThF		Wham 329	McKay

* June 20-August 12

NOTE—In class first and last weeks. On the job second through fifth weeks.

Course No.—Hours Summer	Descriptive Title Time	Days	Place	Instructor
418-4	Workshop in Special Education (Gifted)			
1	8:30-2:20	MTuWThF	Wham 112	Zenk
	(June 13-July 13)			
419-4	Communication Problems of the Deaf and Hard of Hearing			
1	*10:00-12:00	TuWTh	LG	
420-4	Methods and Materials for Teaching Exceptional Children			
1	To be arranged			
2	To be arranged			
3	To be arranged			
428-4	Speech Correction for the Classroom Teacher			
1	*1:30-2:20	MTuWThF	Wham 205	
	Cross-listed with Speech Correction.			
429-4	Educational Provisions for Maladjusted Children			
1	*12:30-1:20	MTuWThF	Wham 212	Crowner
501-4	Special Research Problems			
1	*To be arranged			Ayllon
2	*To be arranged			staff
513-4	Organization Administration Supervision of Special Classes			
1	*9:30-10:20	MTuWThF	To be arranged	
574-4	Supervised Experience in Rehabilitation			
1	*To be arranged			Johnson
577-4	Practicum in Special Education			
1	*To be arranged			Rainey
596-4	Independent Investigation		Consent of department	
1	*To be arranged			
599-5 to 9	Thesis		Consent of department	
1	*To be arranged			

S P E E C H (SPCH)

102-4	Public Speaking			GSD 103
1	7:30-8:20	MTuW F	Comm 120	Hibbs
200-4	Phonetics			
1	2:30-3:20	MTuWTh	Comm 113	Garbutt
	Cross-listed with Speech Correction.			
209-1	Forensic Activities			
1	To be arranged			
309-1	Forensic Activities			
1	To be arranged			
407a-4	American Public Address			
1	8:30-9:20	MTuWTh	Comm 122	Bradley
423-4	Oral Interpretation of Poetry			
1	*9:30-10:20	MTuWThF	Comm 120	Kleinau
427-4	Secondary School Forensic Program			
1	*10:30-11:20	MTuWThF	Comm 122	Higginbotham
441-4	Teaching Speech in Elementary Schools			
1	12:30-1:20	MTuWTh	Comm 120	Higginbotham
449-4	General Semantics			
1	12:30-1:20	MTuW F	Comm 122	Pace
500-4	Survey of Classical Rhetoric			
1	9:30-10:20	TuWThF	Comm 122	Micken
511-3	Teaching College Speech Course			
1	8:30-9:20	TuWThF	Comm 120	Smith
530-1 to 4	Research Problems			
1	To be arranged			
532-4	Areas and Techniques of Research			
1	7:30-8:20	MTuWTh	Comm 122	Bradley
599-2 to 9	Thesis			
1				
600-1 to 12	Dissertation			
1				

S P E E C H C O R R E C T I O N (SPC)

200-4	Phonetics			
1	3:30-4:20	MTuWTh	Comm 113	Garbutt
	Cross-listed with Speech.			
319-4	Stuttering		212 or consent of instructor	
1	2:30-3:20	MTu ThF	Comm 113	Brutten
400-1 to 4	Independent Study in Speech Correction and Audiology			Junior standing
1	To be arranged		Department Office	Smith

* June 20-August 12

46 SPEECH CORRECTION (SP C)

Course No.—Hours	Descriptive Title	Days	Place	Instructor
Summer	Time			
405c-1 to 4	Practicum in Speech and Hearing Therapy			Junior standing and consent of instructor
1	7:30-9:20	MTuWThF	LG	Smith
412-4	Cerebral Palsy			Junior standing and consent of instructor
1	9:50-12:00	MTuWThF	LG	Pace
416-4	Introduction to Audiology			Junior standing
1	12:30-1:20	MTu ThF	Comm 111	Copeland
419-4	Communication problems of the Deaf and Hard of Hearing			406 or 416 or consent of instructor
1	9:50-12:00	MTuWThF	LG	Brutten
428-4	Speech Correction For the Classroom Teacher			Junior standing
1	*1:30-2:20	MTuWThF	Comm 113	Smith
Cross-listed with Special Education.				
515-1 to 4	Readings in Speech Pathology (Voice Problems)			
1	3:30-5:10	M Th	Comm 115	Brackett
520-1 to 4	Seminar in Hearing			Consent of instructor
1	3:30-5:10	Tu F	Comm 115	Copeland
522d-1 to 4	Seminar in Organic Speech Problems (Cleft Palate)			Consent of instructor
1	9:50-12:00	MTuWThF	LG	Koepp-Baker
530-1 to 4	Research Problems			Consent of instructor
1	To be arranged		Department Office	Anderson
599-2 to 9	Thesis			Consent of instructor
1	To be arranged		Department Office	Koepp-Baker
600-4 to 12	Dissertation			Consent of instructor
1	To be arranged		Department Office	Koepp-Baker

TECHNOLOGY (TECH)

101a-3	Graphics				
1	7:30-9:20	M W F	T26 R114		
2	9:30-11:20	M W F	T26 R114		
101b-3	Graphics				101a
1	12:30-2:20	M W F	T26 R114		
101c-3	Graphics				101a
1	2:30-4:20	M W F	T26 R114		
300c-3	Application of Fundamental Physical Principles				
1	1:30-2:20	M W F	Tech A308		
319-3	Industrial Internship				Consent of coordinator
1	To be arranged				
GSA 358a	Analysis of Physical Systems (See General Studies Area A for schedule.)				
GSA 358b	Analysis of Physical Systems (See General Studies Area A for schedule.)				
421-2 to 8	Practicum in Technology			12 hours technical credits	
1	To be arranged				
430-2 to 8	Special Problems in Industry and Technology				Consent of coordinator
1	To be arranged in Applied Science				
2	To be arranged in Engineering				
3	To be arranged in Engineering Technology				
4	To be arranged in Industrial Technology				
5	To be arranged in Industrial Education				
570-2 to 6	Special Investigations				Consent of coordinator
1	To be arranged in Applied Science				
2	To be arranged in Engineering				
3	To be arranged in Industrial Education				
580-1 to 3	Seminar				Consent of coordinator
1	To be arranged in Engineering				
2	To be arranged in Industrial Education				
599-1 to 9	Thesis				Consent of coordinator
1	To be arranged				
600-1 to 16	Dissertation				Consent of coordinator
1	To be arranged				

THEATER (THEA)

208-1 to 3	Dramatic Activities				
1	1:30-2:20	M W	Comm 161		
308-1 to 3	Dramatic Activities				
1	1:30-2:20	M W	Comm 161		

* June 20-August 12

Course No.—Hours Summer	Descriptive Title Time	Days	Place	Instructor
322-12 1	Practicum in Theater 8:30 am-10:00 pm	MTuWThFS	Consent of department Comm 137	
402a-4 1	Play Directing *12:30-1:20	MTuWThF	Comm 161	Payne
409-4 1	High School Theater and Its Production Problems *8:30-9:20	MTuWThF	Comm 161	Zoeckler
410-3 1	Children's Theatre *2:30-3:20	MTuWThF	Comm 137	Zoeckler
502-4 1	Advanced Directing *9:30-10:20	MTuWThF	Comm 161	402a and b Abrams
518-4 1	Theater Audience 8:30-9:20	MTuW F	Comm 110	Stock company members only McLeod
519-12 1	Practicum in Theatre 8:30 am-10:00 pm	MTuWThFS	Consent of department Comm 137	
526-3 1	Seminar in Theatre Arts 9:00-11:00	S	Comm 110	Stock company members only Moe
530-1 to 4 1	Research Problems in Theatre To be arranged		Comm 161	
599-2 to 9 1	Thesis To be arranged		Comm 137	

ZOOLOGY (ZOO)

102-5 1	General Invertebrate Zoology 8:30-9:20	Tu Th	LS 205	GSA 201c
	7:30-9:20	M W F	LS 130	
103-5 1	General Vertebrate Zoology 1:30-2:20	Tu Th	LS 208	GSA 201c Galbreath
	1:30-3:20	M W F	LS 208	Perkins
310-5 1	Animal Ecology 1:30-2:20	M W F	LS 204	102, 103 Gersbacher
	12:30-4:20	Th	LS 204	
GSA 312-3	Conservation of Natural Resources (See General Studies Area A for schedule.)			
GSA 313-3	Evolution (See General Studies Area A for schedule.)			
322-2 to 5 1	Problems in Zoology To be arranged			Consent of department
382a-1/2 1	Zoology Seminar for Seniors 10:30-11:20	F	LS 205	Senior standing Blackwelder
402-4 1	Natural History of Invertebrates 1:30-2:20	M W	LS 205	1 year Zoology including 102 Beatty
	1:30-3:20	Tu Th	LS 130	
403-4 1	Natural History of Vertebrates 7:30-8:20	Tu Th	LS 204	1 year Zoology including 103 Gersbacher
	7:30-9:20	M W	LS 204	
404-2 to 8 1	Zoology Field Studies To be arranged			Consent of instructor
406-4 1	Protozoology 12:30-1:20	Tu Th	LS 205	1 year Zoology including 102 or consent of instructor
	12:30-2:20	M W	LS 213	
409-5 1	Histology of Organs 7:30-8:20	M W F	LS 213	202 Haas
	8:30-10:20	M W	LS 213	
414-4 1	Fresh-Water Invertebrates 9:30-10:20	M W	LS 130	1 year Zoology including 102 Beatty
	8:30-10:20	Tu Th	LS 130	
512-3 1	Animal Geography 10:30-11:20	M WTh	LS G16	Consent of department Blackwelder
579-4 1	Animal Behavior 2:30-3:20	M W	LS 208	Consent of department
	12:30-4:20	F	LS 209	
596-3 to 12 1	Special Research To be arranged			Consent of department
599-2 to 9 1	Research and Thesis To be arranged			Consent of department
600-3 to 12 1	Research and Dissertation To be arranged			Consent of department

* June 20-August 12

Course No.—Hours Summer	Descriptive Title Time	Days	Place	Instructor
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Vocational Technical Institute Vocational Technical Institute (VTI)

GSA

101a-3	Introduction to Physical Science				
1	12:30-1:20	M W F	M3-101	Collins	
2	1:30-2:20	M W F	M3-101	Collins	
T3	11:30-12:20	M W F	M3-101	Collins	

GSB

201c-3	Culture, Behavior, and Society				
1	10:30-11:20	M W F	M1-107		
2	1:30-2:20	M W F	M1-107		
211b-3	Political Economy				
1	9:30-10:20	M W F	M1-107		
2	12:30-1:20	M W F	M1-107		

GSD

101a-3	English Composition				
1	8:30-9:20	M W F	Airport		
2	1:30-2:20	M W F	F1-108		
101b-3	English Composition				
1	2:30-3:20	M W F	F1-108		
103-3	Oral Communication of Ideas				
1	12:30-1:20	MTuWTh	H9-101		
2	2:30-3:20	MTuWTh	H9-101		
114a-3	College Algebra and Trigonometry				
1	1:30-2:20	M W F	F1-111		
114c-3	College Algebra and Trigonometry				
1	2:30-3:20	M W F	F1-111		

VTI A

101a-5	Automotive Laboratory—Engines				
1	7:30-10:20	MTuWThF	L2-108	Willey	
125a-5	Automotive Theory—Internal Combustion Engines				
1	10:30-11:20	MTuWThF	L2-108	Willey	

VTI B

101c-4	Accounting				101b
1	7:30-8:20	MTuWThF	F1-112		
T2	10:30-11:20	MTuWThF	F1-112		
104-5	Secretarial Accounting				
1	8:30-9:20	MTuWThF	F1-112		
126-3	Fundamentals of Business				
1	8:30-9:20	M W F	F1-110		
226a-4	Business Law I				
1	7:30-8:20	MTuWTh	F1-103	Cundiff	
227-5	Office Administration and Supervision				
1	12:30-1:20	MTuWThF	F1-112		
229-2	Record Keeping				
1	8:30-9:20	M W F	F1-112		
2	1:30-2:20	M W F	F1-112		

VTI C

101d-7	Cosmetology Laboratory				101c
1	7:30-12:30	MTuWThF	N1-107		
2	1:00-6:00	MTuWThF	N1-107		
3	1:00-6:00	MTuWThF	N1-101		
(June 20-July 29)					
125d-5	Cosmetology Theory				125c
1	1:30-2:20	MTuWThF	N1-106		
2	9:30-10:20	MTuWThF	N1-106		
3	10:30-11:20	MTuWThF	N1-106		
(June 20-July 29)					

VTI D

101a-7	Graphics				
1	8:30-11:20	MTuWThF	M1-101	Beauchamp	

Course No.—Hours Summer	Descriptive Title Time	Days	Place	Instructor
121b-4	Architectural Design			121a
1	7:30-10:20	M W F	M1-113	Lougeay
147-3	Architectural History			110
1	10:30-11:20	M W F	M1-112	
151-3	Materials and Methods of Construction			110
1	7:30-11:20	Tu Th	M1-113	
153-4	Mechanics and Strength of Materials			GSD 114a
1	11:30-1:20	MTuWTh	M1-112	Lougeay
175a-3	Technical Drafting			
1	11:30-12:20	MTuWThF	M1-101	Beauchamp

VTI E

101a-3	Automatic Data Processing Machines			Teacher institute
1	To be arranged			
101b-5	Automatic Data Processing Machines			Teacher institute
1	To be arranged			
103-5	Computer Programming			Teacher institute
1	To be arranged			
103-5	Computer Programming			101a
2	7:30-9:20	MTuWThF	H8-235	Dick
104-3	Data Processing Applications			Teacher institute
1	To be arranged			Robb
104-3	Data Processing Applications			101b
2	11:30-12:20	MTuWThF	H4-136	Dick
107-2	Data Processing Information			101a
1	To be arranged			Dick

VTI G

100-0	English Composition			
1	10:30-11:20	M W F	F1-108	
106-0	Elementary Mathematics			
1	11:30-12:20	MTuWTh	F1-111	
τ2	10:30-11:20	MTuWTh	F1-111	
107-3	Technical Mathematics			
1	9:30-10:20	M W F	Airport	
102-3	Technical Report Writing			
1	3:30-4:20	M W F	Airport	
115a-3	Inorganic and Organic Chemistry			
1	12:30-2:20	Tu Th	F3-144	Webber
141-5	Introduction to Physiology			
1	12:30-2:20	M W	F3-144	Webber
	12:30-1:20		F	

VTI J

101c-6	Presswork Laboratory—Offset			
1	8:30-11:20	MTuWThF	L2-102	Cornell
125c-9	Presswork Theory—Offset			
1	7:30-8:20	M W F	L2-105	Cornell

VTI K

101a-3	Calculating Machines			Retailing majors
1	7:30-8:20	MTuWThF	F1-113	Johnston
τ2	1:30-2:20	MTuWThF	F1-113	Johnston
τ3	10:30-11:20	MTuWThF	F1-113	Johnston
101b-3	Calculating Machines			101a
τ1	12:30-1:20	MTuWThF	F1-113	Johnston

VTI L

101-6	Aircraft Reciprocating Powerplant			
1	12:30-3:20	M W F	Av Tech Lab	Redmond
	10:30-11:20	M W F	Av Tech 1	
102-6	Carburetion & Lubrication Systems			
1	8:30-11:20	Tu Th	Av Tech Lab	Schafer
	12:30-1:20	Tu Th	Av Tech 2	
106-5	Aircraft Ignition Starting			
1	7:30-8:20	M W F	Av Tech Lab	Schafer
	11:30-1:20	M W F	Av Tech 2	
108-6	Jet Propulsion Powerplant			
1	8:30-11:20	Tu Th	Av Tech Lab	DaRosa
	1:30-2:20	MTuWThF	Av Tech 1	
109-4	Powerplant Testing			
1	7:30-8:20	Tu Th	Av Tech 2	Schafer
	8:30-10:20	MTuWThF	Av Tech Lab	Schafer

Course No.—Hours	Descriptive Title	Time	Days	Place	Instructor
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VTI M

101a-5	Machine Tool Laboratory—Engine Lathe & Bench Work	1	8:30-11:20	MTuWThF	L1-101	Muhich
125a-5	Machine Tool Theory—Engine Lathe & Bench Work	1	7:30-8:20	MTuWThF	L1-105	Muhich
176a-3	Manufacturing Processes	1	7:30-8:20	M W F	M1-107	
101-3	Art Analysis	1	7:30-8:20	M W F	H1-144	Boza

VTI N

125-10	Techniques—Theory and Practice	1	8:30-11:20	M W F	H1-144	
140-10	Introductory Advertising and Story Illustration	1	7:30-11:20	MTuWThF	H1-144	130
201a-8	Advertising and Story Illustration Theory and Practice	1	12:30-4:20	M W F	H1-144	140
230a-7	Technical Illustration Theory and Practice	1	12:30-4:20	Tu Th	H1-144	140
210c-7	Advertising and Story Illustration Theory & Practice	1	12:30-4:20	M W F	H1-144	210b
230c-6	Technical Illustration Theory and Practice	1	12:30-4:20	Tu Th	H1-144	230b

VTI P

101b-3	Nursing Practice and Theory	1	7:30-11:20	M	H5-210	Mitchell
			7:30-11:20	W F	Hospital	Mitchell
			12:30-3:20	M W F	H5-210	Mitchell
			7:30-8:20	Tu Th	H5-210	Mitchell
			12:30-1:20	Tu	H5-210	Mitchell
			9:30-11:20	Th	H5-210	Mitchell
			1:30-3:20	Th	H5-210	Mitchell
103a-4	Clinical Theory and Practice	1	To be arranged		Hospital	Alcorn
			To be arranged		Hospital	Chiodini
			12:30-4:20	M W F	Hospital	Mitchell
103c-8	Clinical Theory and Practice	1	To be arranged		Hospital	Alcorn
			To be arranged		Hospital	Chiodini
			12:30-4:20	M W F	Hospital	Mitchell
132b-1	Health	1	8:30-10:20	Tu	H5-210	Mitchell
			8:30-9:20	Th	H5-210	Mitchell
			1:30-2:20	Tu	H5-210	Mitchell
			10:30-11:20	Tu	H5-210	Mitchell

VTI R

124-4	Introduction to Retailing	1	8:30-9:20	MTuWThF	F1-107	Elder
176-3	Product Analysis	1	7:30-8:20	M W F	F1-107	Elder
127a-3	Salesmanship	1	9:30-10:20	M W F	F1-107	Elder
177a-5	Product Information Laboratory	1	12:30-2:20	MTuWThF	F1-107	Elder
201a-4 to 20	Cooperative Work Experience	1	To be arranged			Burnett
		2	To be arranged			Burnett

VTI S

104c-5	Shorthand	1	1:30-3:20	MTuWThF	F1-121	104b
101b-3	Typewriting	1	9:30-10:20	MTuWThF	F1-121	101
107-2	Filing and Duplicating	1	12:30-1:20	M W F	F1-121	
205a-3	Typewriting	1	12:30-1:20	MTuWThF	F1-102	101c

Course No.—Hours Descriptive Title
 Summer Time Days Place Instructor

VTI T

101c-7	Electronic Lab—Transmitter and Receiver	101b
1	7:30-10:20 MTuWThF M3-107	Schultz
125c-5	Electronic Theory—Transmitter and Receiver	125b
1	10:30-11:20 MTuWThF M3-110	Schultz

VTI U

101a-3	The Funeral: History and Customs	
1	8:30-9:20 M W F L3-109	Thorsell
203-3	Introduction to Embalming	110, Phsl 300
1	9:30-10:20 M W F L3-109	Thorsell
275-12	Funeral Service Internship	225b, 250
1	To be arranged	Hertz
280-2	Funeral Service Seminar	Concurrent 275
1	To be arranged	Hertz

VTI W

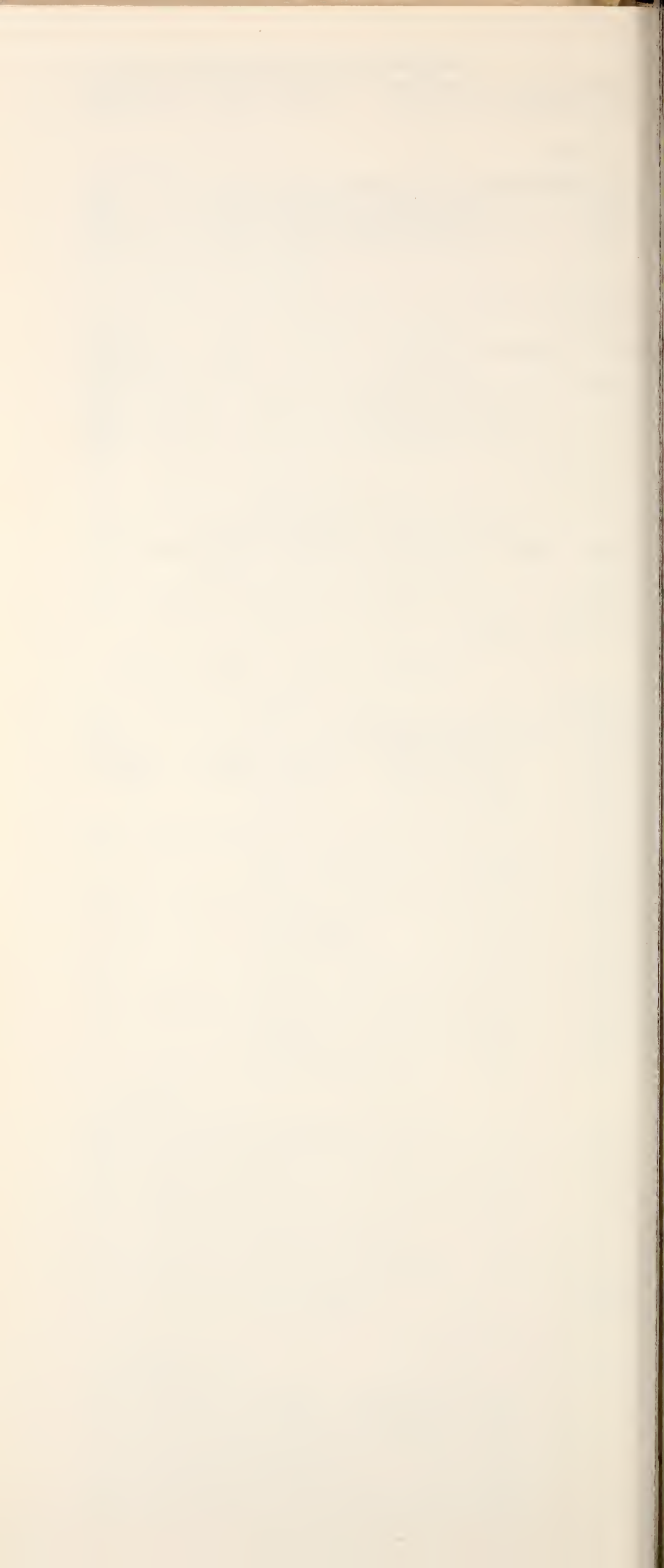
101a-7	Welding Laboratory—Oxy and Acetylene	
1	7:30-8:20 MTuWThF M4-107	
125a-3	Welding Theory—Oxy and Acetylene	
1	10:30-11:20 M W F M4-102	

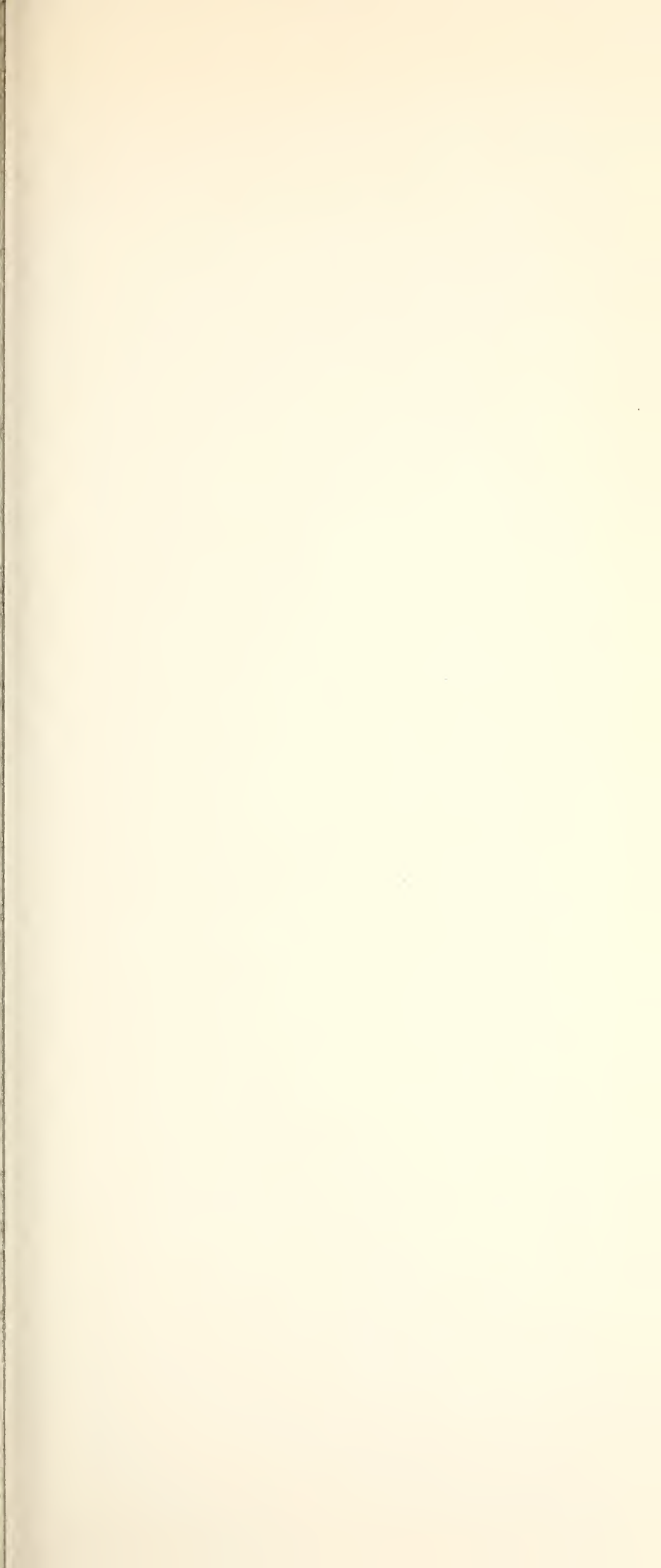
VTI X

201-2	Job Orientation	
1	10:30-11:20 Tu Th H1-144	

VTI Y

101c-6	Dental Prosthetics Laboratory	101b
1	7:30-12:20 M F3-127	Bykowski
	7:30-11:20 TuWThF F3-127	Bykowski





Carbondale, Illinois 62901
Return Requested

Carbondale, Illinois