

Winter 1955

## Iowa State Teachers College Schedule of Classes, Winter 1954-55

Iowa State Teachers College

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## *Schedule of Classes*

### SUBJECTS

#### ALPHABETIC ORDER

83 Agriculture  
60 Art  
84 Biology  
15 Business Education  
86 Chemistry  
87 Earth Science  
92 Economics  
21 Education  
62 English  
72 French  
74 German  
94 Government  
96 History  
31 Home Economics  
68 Humanities  
33 Industrial Arts  
66 Journalism  
70 Languages  
76 Latin  
35 Library Science  
80 Mathematics  
52 Music  
54 Music, Applied  
57 Music, Methods  
58 Music, Theory  
65 Philosophy  
37 Physical Education  
38 Physical Education, Men  
39 Physical Education, Women  
88 Physics  
20 Psychology  
64 Religious Literature  
30 Safety Education  
82 Science  
90 Social Science  
98 Sociology  
78 Spanish  
50 Speech  
28 Teaching

#### CODE NUMBER ORDER

15 Business Education  
20 Psychology  
21 Education  
28 Teaching  
30 Safety Education  
31 Home Economics  
33 Industrial Arts  
35 Library Science  
37 Physical Education  
38 Physical Education, Men  
39 Physical Education, Women  
50 Speech  
52 Music  
54 Music, Applied  
57 Music, Methods  
58 Music, Theory  
60 Art  
62 English  
64 Religious Literature  
65 Philosophy  
66 Journalism  
68 Humanities  
70 Languages  
72 French  
74 German  
76 Latin  
78 Spanish  
80 Mathematics  
82 Science  
83 Agriculture  
84 Biology  
86 Chemistry  
87 Earth Science  
88 Physics  
90 Social Science  
92 Economics  
94 Government  
96 History  
98 Sociology

## ADMISSION OF NEW STUDENTS

The application for admission, high school credits, and transcripts of credit earned in other colleges must be in the Office of the Registrar before an admission card can be issued. If you have never received your admission card, or have lost it, report to the Registrar's Office for permission to register.

## SCHEDULE FOR NEW STUDENTS Monday, December 6, 1954

Undergraduate students who have never attended college here will proceed according to the following schedule:

8:00-12:00 noon	Placement Tests, Auditorium Building, Room 339
12:00-1:00	Lunch
1:00-5:00	Registration, including Speech Check in Auditorium 41

## REGISTRATION PROCEDURE Monday, December 6, 1954, 8:00 to 5:00 p. m.

This registration period is for all students who did not register November 17.

1. Men begin registration at the office of the Dean of Students; women at the office of the Associate Dean of Students.
2. Present materials received at the Deans' offices to the Registrar's clerk in the corridor between Gilchrist and Administration Buildings. Fill out all forms received here. If you are a veteran, go to the veterans' station in the Registrar's office. All new-student veterans must file discharge papers with the veterans' clerk whether under G. I. or not.
3. If you are a new student, have your picture taken at the Audio-Visual Center, Administration Building, second floor.
4. Pay your fees to the Business Office representative down stairs (first floor).
5. Take your cards to your adviser and arrange with him your schedule.
6. If you are to do student teaching, get your assignment near the Curriculum Lab., Administration Building.
7. When your adviser has approved your schedule, go to the basement of the Administration Building and complete your registration.  
Note: New students will go first to the north end of the basement corridor to have their speech check (Room 41).

## ADVANCE REGISTRATION FOR FORMER STUDENTS AND GRADUATE STUDENTS Wednesday, November 17, 1954

If you have not already received your teaching assignment, it will be made during the registration process, second floor Administration Building near the curriculum Lab.

This registration period is for students who are on the campus during fall quarter or who have previously been in attendance and for graduate students. However, students whose registrations for fall quarter have not been cleared may not register at this time.

Men who live on campus will start at their dormitories. Men living off-campus will start at the office of the Dean of Students. All women students will start at the office of the Associate Dean of Students.

Students will pass down the corridor between Gilchrist and Administration Buildings; men on 3rd floor, women on 2nd floor. Veterans will see the veterans' clerk in the Registrar's office before passing the fee-collection table.

Fees will be paid on the first floor of the Administration Building.

Registration will be completed in the Women's Gymnasium, where advisers will be located.

No classes will meet Wednesday, November 17, and on that day students will register according to the following schedule:

### Seniors and Juniors

A-Day	8:00	Hep-McE	8:30
Den-Hen	8:15	McG-Z	8:45

### Sophomores and Freshmen

A-Bas	9:00	KI-Le	11:30
Bat-Bre	9:15	Li-McE	1:00
Bri-Che	9:30	McF-Moo	1:15
Chi-Dav	9:45	Mop-Oz	1:30
Daw-Eau	10:00	P-pz	1:45
Eav-Foy	10:15	Q-Rz	2:00
Foz-Gri	10:30	S-Sh	2:15
Gro-Hen	10:45	Si-Ste	2:30
Heo-Jam	11:00	Sti-Tz	2:45
Jan-Ki	11:15	U-Z	3:00

## EVENING CLASSES

Evening classes are scheduled to begin Monday, December 6 or Wednesday, December 8. All evening classes will meet at 7:00 p. m.

If at all possible, students intending to attend these classes should register at one of the regular registration periods, November 17 or December 6. Those who cannot do so may register at the Office of the Registrar, Administration Building, during the hour preceding the first meeting of the class: 6:00-7:00 p. m. December 6 or 8.

## SATURDAY CLASSES

Saturday classes are scheduled to begin Saturday, December 11. Students who plan to enroll for them should if at all possible register November 17 or December 6. Those who find it impossible to do so may register at the Office of the Registrar on Saturday, December 11. The office will be kept open from 8:00 to 9:00 a. m. for this purpose.

### LATE REGISTRATION

If you must register late, consult with the Dean of Faculty to learn whether registration will be permitted, and, if so, under what conditions. The Registrar's Office will inform you about the procedure to follow in registering. A fee of \$2.00 is charged for late registration.

### CHANGE OF REGISTRATION

No course for credit may be added after 4:50 p. m. on Monday, January 3, 1955.

Until 4:50 p. m., Friday, January 14, 1955, a fee of \$1.00 will be charged for any change of registration not required by the college.

Courses dropped after 4:50 p. m., Friday, January 14, 1955, will be recorded with a mark of WP or WF.

No course may be dropped after 4:50 p. m., Friday, February 18, 1955.

If you desire a change in your registration, follow this procedure:

1. Consult with your adviser about the proposed change. If he approves the change, he will fill out and sign a change-of-registration card.
2. Bring the change card at once to the Registrar's Office for checking. When cleared present it at Room 10, basement Administration Building.

### STUDENT LOAD

17 hours limit, unless student has above 2.50 grade point index. (PE 01 included)

18 hours limit, unless student has above 3.00 grade point index. (PE 01 included)

20 hours limit, no exceptions. (PE 01 included)

First quarter enrollees are limited to 17 hours including PE 01.

### EXPLANATION OF COURSE NUMBERS

Courses with 0 prefixed, open to students in any year of residence.

Courses 1-9 open to freshmen only.

Courses 10-99, open to freshmen and sophomores.

Courses 100-199 open to freshmen, sophomores, and juniors.

Courses 200-299 open to sophomores and juniors.

Courses 300-399 open to sophomores, juniors, and seniors.

Courses 400-499 open to juniors and seniors.

Courses 500-599 open to juniors, seniors, and graduates.

Courses 600-699 open to graduates only.

### CLASSIFICATION

Freshmen are students with 47 or less hours.

Sophomores are students with 48-95 hours.

Juniors are students with 96-143 hours.

Seniors are students with 144 hours or more.

### ABBREVIATIONS OF BUILDING NAMES

Adm	Administration Building
A&I	Arts and Industries Building
Aud	Auditorium Building
Cen	Central
CES	Campus Elementary School
CHS	Campus High School
Gil	Gilchrist
HMH	Home Management House
Lib	Library Building
M Gym	Men's Gymnasium
Sci	Science Building
Voc	Vocational Building
W Gym	Women's Gymnasium

## 15 BUSINESS EDUCATION

15:40	1	10:00	MWF	Introduction to Business		3	Lebeda	Adm 310
15:51	1	11:00	MTWTh	Inter Gregg Shorthand	15:50 or equiv	4	Humphrey	Adm 318
15:145	1	11:00	Daily	Personal Use Typewriting (Note A)		2	Lebeda	Adm 311
15:146	1	9:00	TTh +4 hrs arr.	Office Machines I	Ability to Type	2	Marietta	Adm 313
	2	1:15	TTh +4 hrs arr.				Marietta	Adm 313
15:155	1	2:15	Daily	Intermediate Typewriting	15:154 or equiv	2	Humphrey	Adm 318
15:156	1	9:00	Daily	Advanced Typewriting	15:155 or equiv	2	Humphrey	Adm 318
	2	1:15	Daily				Humphrey	Adm 318
15:359	1	1:15	MWF	Advanced Transcription	15:150 or equiv	3	Marietta	Adm 311
15:360	1	11:00	Daily	Prin of Accounting I		5	Blanford	Adm 312
15:361	1	8:00	Daily	Prin of Accounting II	15:360	5	Lebeda	Adm 312
	2	9:00	Daily				Blanford	Adm 312
15:369	1	9:00	MWF	Retail Store Operation		3	Haines	Adm 310
15:371	1	12:15	2nd + 4th Wed	Directed Work Experience (Note B)	Corequisite: Approved Regular Part-Time Employment	1	Douglas	Adm 315
15:452	1	8:00	MWF	Business Correspondence	Ability to type competently	3	Marietta	Adm 310+311
15:465	1	11:00	T or Th + 3 hrs lab	Adv Mimeo & Dupl Prob	15:156 or equiv	1	Marietta	Adm 313
15:508	1	7:00-9:50	Wed Eve	Income Tax	15:362	3	Blanford	Adm 312
15:523	1	11:00	MWF	Advertising		3	Haines	Adm 310
15:526	1	9:00	MWF	Secretarial Practice		3	Marietta	Adm 311
15:561	1	9:00	TTh	Problems in Business Ed		2	Douglas	Adm 310
15:574	1	8:00-9:50	Mon Eve	Coop Program in Bus Ed		2	Haines	Adm 310
15:582	1	10:00	MWF	Intermed Accounting II	Approv Dept Head	3	Blanford	Adm 312

**Note A:** For students with no previous instruction in typewriting. This course meets requirements for degree students.

**Note B:** Application must be approved in advance on a form provided by the Department of Business Education.

## 20 PSYCHOLOGY

20:508	1	9:00-11:50	Sat	Personality Growth Child		3	Uecker	Aud 244
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## 21 EDUCATION

21:30	1	8:00	MWF	Children's Literature	Z	3	Boehlje	Aud 243
	2	9:00	MWF		Y		Arey	Aud 234
	3	2:15	MWTh		Y		Arey	Aud 234
21:105	1	8:00	MWF	Exploring Teaching Prof (Note A)		3	Martindale	Annex 49
	2	9:00	M				Martindale	Annex 49
	3	8:00-9:50	TTh				Dreier	Aud 236
	4	10:00	M					Aud 237
	5	11:00	MWF				Martindale	Annex 49
	6	10:00-11:50	TTh				Martindale	Annex 49
	7	11:00	W				Rhum	Aud 335
	8	10:00	MWF				Rhum	Aud 232
	9	11:00	W				Dreier	Aud 232
	10	12:15-2:05	TTh				Martindale	Annex 49
	11	1:15	MWF				Rhum	Aud 247
	12	2:15	W				Rhum	Aud 247
	13	1:15	MWF				Dreier	Aud 232
	14	2:15	W					
21:121	1	9:00	TTh	Audio-Vis in Elem Sch		1	Wagner	Adm 219
	2	11:00	MW				Gjerde	Adm 219
	3	1:15	MW				Gjerde	Adm 219
	4	1:15	TTh				Gjerde	Adm 219

**Note A:** No credit for a student who has credit in 21:10 or 305.

**Y Group** is for students specializing at lower grade level.

**Z Group** is for students specializing at upper grade level.

## 21 EDUCATION

21:136	1	8:00	Daily	Read & Language Arts I	Y	5	Zintz	Annex 45
	2	9:00	Daily		Y		Zintz	Annex 45
	3	10:00	Daily		Z		Hampton	Aud 244
	4	12:15	Daily		#		Sparrow	Aud 235
	5	1:15	Daily		Z		Hampton	Aud 234
	6	2:15	Daily		Y		Sparrow	Aud 235
21:211	1	8:00	Daily	Fund of Teaching I		5	Thompson	Aud 247
		9:00	T					
	2	8:00	T				Buswell	Aud 243
		9:00	Daily					
	3	8:00	Th				Dreier	Aud 243
		9:00	Daily					Aud 244
	4	10:00	Daily				Boehlje	Aud 247
		11:00	Th					
	5	10:00	Daily				W. Silvey	Annex 48
		11:00	T					
	6	10:00	Th				Buswell	Aud 237
		11:00	Daily					Aud 243
	7	10:00	T				Denny	Aud 236
21:212		11:00	Daily	Fund of Teaching II (Note B)		5		
	8	10:00	Th				Riebe	Aud 235
		11:00	Daily					
	9	12:15	Daily				Ferneau	Aud 236
		1:15	T					
	10	1:15	Daily				Riebe	Aud 235
		2:15	T					Aud 234
	11	1:15	Daily				W. Silvey	Aud 237
		2:15	Th					Aud 232
	12	1:15	Th				Denny	Aud 236
		2:15	Daily					
	13	2:15	Daily				Ferneau	Annex 48
		3:15	T					
21:213	1	8:00	T	Fund of Teaching III		5	Wilcox	Aud 236
		9:00	Daily					
	2	8:00	Th				Price	Aud 237
		9:00	Daily					
	3	10:00	Daily				Price	Aud 237
		11:00	T					
21:310	4	10:00	Th	Early Childhood Ed		3	Smith	Aud 232
		11:00	Daily				Smith	Aud 232
	2	11:00	MWF					
			MWF					
	1	8:00-9:50	MW				Hult	Aud 235
	2	2:15-4:05	MW				Hult	Adm 312
21:332	1	8:00-9:50	TTh	Teach Elem Curriculum I		4	Hult	Aud 235
	2	2:15-4:05	TTh				Hult	Adm 312
21:363	1	8:00-9:50	TTh	Teach Kg Pr Curriculum I		4	Hult	Aud 235
	2	2:15-4:05	TTh				Boehlje	Adm 312
21:464	1	9:00	MWThF	Teach K P Curriculum II	21:363	4	Smith	Aud 232
21:503	1	8:00	MWF	Problems of Teachers	Student Teaching	3	Riebe	Aud 237
	2	9:00	MWF				Thompson	Annex 48
	3	11:00	MWF				Thompson	Aud 247
21:505	1	7:00-9:50	Mon Eve	The Retarded Child	21:544	3	Uecker	Aud 244
21:525	1	11:00	TTh	Statistical Methods in Ed	No credit for student who has credit in 80:506	2	H. Silvey	Aud 234
21:536	1	2:15	MWF	Reading & Language Arts II	21:136 or equiv	3	Hampton	Aud 234
21:538	1	8:00	TTh	Remedial Reading		5	Sparrow	Ed Clinic
		9:00	Daily					
21:543	1	10:00	Daily	Story Telling	21:542 or 35:440 or coreq	3	Arey	Aud 234
21:556	1	3:15	Arr	Achievement Testing	Approval of Dept Head	1	Uecker	Ed Clinic
21:558	1	1:15	MWF	Mental Tests	21:211 or 525	3	Denny	Aud 236
21:559	1	3:15	Arr	Mental Testing	Approval Dept Head	1	Uecker	Ed Clinic

Note B: No credit for a student who has credit in 20:15 or 315.

Y Group is for students specializing at lower grade level.

Z Group is for students specializing at upper grade level.

# Group is for both lower and upper grade levels.

## 21 EDUCATION

21:568	1	2:15	Daily	The Junior High School		5	Thompson	Aud 244
21:580	1	2:15	Daily	Audio-Visual Education		3	Riebe	Adm 219
21:584	1	7:00-9:50	Wed Eve	Ed & Occupational Inform		3	W. Silvey	Aud 244
21:604	1	9:00-11:50	Sat	Educational Research		3	Rhum	Aud 247
21:676	1	7:00-9:50	Mon Eve	Admin Secondary School	1 yr teaching experience	3	Ferneau	Aud 243
21:684	1	7:00-9:50	Wed Eve	Philosophy of Education		3	Hult	Aud 243
	1	3:15		Remedial Reading for College Students (Note C)		0	Buswell	Aud 247

Note C: Students with reading difficulties may be referred to the Department of Education Office during the week of December 8th. Registration for the course will close Friday, December 10th. The first meeting of the class will be on Monday, December 13th.

## 28 TEACHING

28:05***	1	PM	MW	Rural Observation		2	Schilder	Greeley 8
	2	PM	TTh	(Note A)			Schilder	Greeley 8
28:304*	1**	Arr	†††	Kind-Primary Teaching	21:136	12		
404	2	Arr						
	3	Arr						
	4	Arr						
28:306*	1***	Arr	†††	Intermediate Grade Teaching	21:136	12		
406	2	Arr						
	3	Arr						
	4	Arr						
28:407*	1**	Arr	Daily	Jr High School Teaching	21:213	12		
	4	Arr						
28:408*	1**	Arr	Daily	High School Teaching	21:213	12		
	2	Arr						
	4	Arr						
28:650	1	Arr	Arr	Advanced Laboratory Practice		Arr		

Note A: Must have permission in writing from Dr. Curtis.

\* Not more than a total of 15 hours of credit in all courses 05-408 inclusive may be used in meeting requirements for graduation on any curricula.

\*\* Section 1 indicates student teaching in the Campus School.      ††† Students will teach all a. m. or all p. m. and both  
 Section 2 indicates student teaching in the Hudson Consolidated School.      a. m. and p. m. on MW.  
 Section 3 indicates student teaching in the Edison (Waterloo) School.      ††† Students will teach all a. m. or all p. m. and both  
 Section 4 indicates student teaching in the Independence School.      a. m. and p. m. on TTh.

\*\*\* Application for this course must be made in advance at the Teaching Department office.

## 30 SAFETY EDUCATION

30:313	1	9:00	MWF	Educating for Safety		3	Woodcock	Aud 247
30:413	1	10:00	MWF	Safety Ed in Elem Sch		3	Woodcock	Aud 235
30:415	1	8:00	MWF	Safety Ed in Sec Sch		3	Woodcock	Aud 236
30:518	1	2:15	MWF	Directing Safety Program	30:411	3	Woodcock	Aud 243

## 31 HOME ECONOMICS

31:15	1	8:00-9:50 9:00	MTWTh F	Clothing I		5	Allen	Voc 314
	2	10:00-11:50 11:00	MTWTh F					
31:60	1	2:15	MWF	Nutrition of Children		3	Yeager	Voc 212
31:61	1	9:00	TTh	Personal Relationships		2	Buckingham	Voc 210
	2	10:00	TTh				Buckingham	Voc 210
	3	1:15	TTh				Buckingham	Voc 210
31:112	1	1:15-3:05	MWF	Household Equipment	Recommended 82:116	3	Sutherland	Voc 210
31:115	1	1:15-3:05	MWF	House Furn & Decoration	Recommended 60:101	3	Shores	Voc 303
31:116	1	2:15-5:05	TTh	Clothing II	31:15	3	Shores	Voc 303
31:125	1	3:15	MW	Food & Nutrition II	31:21	4	Yeager	Voc 209
		2:15-5:05	TTh					
31:300	1	9:00	MWF	Child Care I (Note A)	Recommended 21:211	3	Holliday	Voc 301

Note A: No credit for a student who has credit in 31:535.

## 31 HOME ECONOMICS

31:402	1	1:15-3:05	MWF	Advanced Clothing	31:116 or 475 or 411 recommended	3	Allen	Voc 314
31:466	1	Arr	Arr	Home Management House	Recommended 31:450 & 31:125 or 471 precede	4	Buckingham	HMH
31:470	1	10:00-11:50 11:00	MTWTh F	Textiles & Clothing I (Note B)		5		
31:522	1	7:00-9:50	Wed Eve	Prin of Food Preparation	Recommended 31:125 & 82:116	3	Sutherland	Voc 210
31:523	1	10:00-12:50	MWF	The School Lunch Program	Recommended 31:125 & 31:471	4	Yeager	Voc 201
31:568	1	3:15 2:15-5:05	MW TTh	Problems: Foods	Approval Dept Head	3	Yeager	Voc 209
	4	3:15-5:05	TTh	Problems: Housing	Approval Dept Head	2	Holliday	Voc 301
	7	10:00-11:50	TTh	Problems: Family Rel	Approval Dept Head	3	Holliday	Voc 301

Note B: No credit for a student who has credit in 31:15, 116, or 410.

## 33 INDUSTRIAL ARTS

33:130	1	8:00-9:50	MWF	Intro to Industrial Arts		3	Ditzler	A&I 134
	2	1:15-3:05	MWF					
33:310	1	10:00-11:50	Daily	Planning & Drawing		5	Wright	A&I 110
33:311	1	7:00-9:50 p. m.	MW	Machine Drawing	33:310	3	Wright	A&I 110
33:320	1	8:00-9:50	MWF	General Woodwork		3	Wagner	A&I 117
33:321	1	1:15-4:05	TTh	Machine Woodwork		3	Wagner	A&I 117
33:341	1	10:00-11:50	MWF	Hot Metals	33:40	3	Matala	A&I 105
33:357	1	3:15-5:05	TTh	Photography		2	Matala	A&I 126
33:460	1	3:15-5:05	MWF	Auto Mechanics		3	Palmer	A&I 130
33:490	1	8:00	TTh	Teach of Industrial Arts	33:310, 311, 320 & 321	2	Reed	A&I 110
33:515	1	1:15-3:05	MWF	Architectural Drawing	33:311 or Approval Dept Head	3	Wagner	A&I 110
33:552	1	10:00-11:50	TTh	Radio Construction	33:350 or Approval Dept Head	2	Matala	A&I 108
33:563	1	8:00-9:50	MWF	Power Equipment	33:460 or Approval Dept Head	3	Palmer	A&I 130

## 35 LIBRARY SCIENCE

35:110	1	9:00	Th	Library Orientation		1	McCusker	Lib 3
	2	10:00	W				McCusker	Lib 3
	3	11:00	T				McCusker	Lib 3
	4	11:00	Th				McCusker	Lib 3
	5	1:15	W				McCusker	Lib 3
35:323	1	9:00	MWF	Library Tech Processes I		3	McCusker	Lib 3
35:452	1	1:15	TTh	Book Selection II		2	McCusker	Lib 3
35:462	1	10:00	TTh	History of Books		2	Rod	Lib 3

## 37 PHYSICAL EDUCATION

37:100	1	9:00	MWF	First Aid to the Injured		2	Bontz	W Gym 305
37:113	1	8:00	Daily	Phys Ed for Elem Grades	Y	3	Short	W Gym 114
	2	10:00	Daily		Y		Wesley	W Gym 113
	3	11:00	Daily		Z		Bontz	W Gym 305
37:300	1	9:00	Daily	Anatomy		5	Dickinson	M Gym 202
37:301	1	11:00	Daily	Kinesiology	37:300	4	Winsberg	W Gym 113
37:408	1	3:15	MTWTh	Therapeutic Exercise	37:300, 301, & 84:111	3	Wesley	W Gym 304
37:411	1	10:00	TTh	Advanced First Aid	37:110	1	Dickinson	M Gym 202
37:492	1	3:15	TTh	Test: & Meas in Phys Ed		2	Winsberg	W Gym 305
37:507	1	10:00	MWF	School Health Problems	82:118	3	Dickinson	M Gym 202
37:509	1	9:00	MWF	Community Recr & School		3	Clark	M Gym 102
37:532	1	9:00	TTh	Physical Ed & the Child	21:211 or equiv	2	Clark	M Gym 102

Y Group is for students specializing at the lower grade level.

Z Group is for students specializing at the upper grade level.



37 PHYSICAL EDUCATION

37:01	1	11:00	MW	American Country Dance	1	Van Ness	W Gym 114
	2	2:15	TThF			Van Ness	W Gym 214
37:01	3	8:00	MWF	Beginning Folk Dance	1	Van Ness	W Gym 214
	4	9:00	MWF			Van Ness	W Gym 214
	5	10:00	MWF			Crawford	W Gym 214
	6	11:00	TThF			Van Ness	W Gym 214
	7	1:15	MWF			Wesley	W Gym 214
	8	3:15	MWF			Van Ness	W Gym 214
37:01	9	10:00	TTh	Intermediate Folk Dance	1	Van Ness	W Gym 214
	10	1:15	TTh			Van Ness	W Gym 214
37:01	11	11:00	TTh	Beginning Modern Dance	1	Butterworth	Gym 213
	12	3:15	MWF			Butterworth	Gym 213
37:01	13	10:00	TTh	Intermed Modern Dance	1	Butterworth	Gym 213
37:01	14	1:15	TThF	Recreational Games	1	Moon	W Gym 113
37:01	15	10:00	MWF	Games	1	Koll	M Gym
	16	11:00	MWF			Mendenhall	M Gym
	17	2:15	MWF			Mendenhall	M Gym
	18	3:15	MWF			Dickinson	M Gym

38 PHYSICAL EDUCATION, MEN

38:352	1	3:15	Daily	Basketball Fund	2	Whitford	M Gym 102
38:452	1	1:15	Daily	Advanced Basketball	2	Hall	M Gym 102
38:455	1	10:00	Daily	Gymnastics	2	Hall	M Gym 102
38:456	1	11:00	Daily	Swimming	2	Koll	M Gym 102
38:472	1	3:15	MWF	Supervision (Note B)	38:351 or 451 & 352 or 452	3	Clark
38:490	1	3:15	TTh	Methods in PE (Note B)	21:213 or 460	2	Clark
38:01	1	1:15	TTh	Beginning Basketball	1	Whitford	
	2	4:15	Daily	Freshmen Basketball (Note A)	1	Clark	
	3	4:15	Daily	Basketball Team (Note A)	1	Hall	
38:01	4	9:00	TTh	Boxing	1	Whitford	
38:01	5	10:00	MWF	Gymnastics	1	Hall	
38:01	6	9:00	MWF	Beginning Swimming	1	Whitford	
	7	2:15	MWF			Whitford	
	8	3:15	MWF			Clark	
38:01	9	2:15	TTh	Adv Swimming	1	Koll	
38:01	10	4:15	Daily	Track Team (Note A)	1	Dickinson	
38:01	11	4:15	Daily	Wrestling Team (Note A)	1	Koll	

Note A: Student must secure approval of Varsity Coach.

Note B: PEM 472 and 490 must be taken together.

39 PHYSICAL EDUCATION, WOMEN

39:401	1	1:15	Daily	The Dance in Education	3	Butterworth	Gym 213
39:412	1	2:15	MTWTh	Sports Methods (Winter) (Note A)	3	Crawford	W Gym 304

Women enrolling for their first, second, or third quarter of Physical Education here, schedule a class which meets three days a week.

TEAM SPORTS

39:01	1	11:00	MW	Intermediate Basketball & Inter volleyball (Note B)	1	Yager	W Gym 214
	2	4:15	MW			Winsberg	W Gym 213
39:01	3	4:15	MW	Advanced Basketball (Officiating)	1	Crawford	W Gym 214
39:01	4	8:00	MWF	Beginning Volleyball	1	Yager	W Gym 213
	5	9:00	MWF			Moon	W Gym 114
	6	10:00	TThF			Winsberg	W Gym 114
	7	11:00	TThF			Moon	W Gym 114
	8	1:15	TThF			Short	W Gym 114
	9	2:15	MWF			Yager	W Gym 114
	10	3:15	TThF			Moon	W Gym 114
						Moon	W Gym 114
	11	4:15	MWTh				
39:01	12	1:15	MW	Intermediate Volleyball	1	Yager	W Gym 114

Note A: To register for this class a student must previously have participated with some skill in basketball and volleyball.

Note B: Section 1 is for majors or minors in Women's Physical Education.

39 PHYSICAL EDUCATION, WOMEN

INDIVIDUAL AND DUAL ACTIVITIES									
39:01	13	1:15	MWF	Badminton		1	Crawford	W Gym 213	
	14	3:15	TTh				Crawford	W Gym 213	
39:01	15	10:00	MW	Stunts & Tumbling		1	Winsberg	W Gym 113	
39:01	16	11:00	MWF	Beginning Swimming		1	Short	W Pool	
	17	2:15	MWF				Short	W Pool	
	18	3:15	MW				Moon	W Pool	
39:01	19	10:00	MWF	1st Intermediate Swim	Beg Swimming or per-	1	Moon	W Pool	
	20	11:00	TTh		mission of instructor		Yager	W Pool	
	21	3:15	TThF				Yager	W Pool	
39:01	22	4:15	TTh	Diving		1	Winsberg	W Pool	
39:01	23	4:15	MW	Lifesaving	1st Int Swim or per-	1	Yager	W Pool	
					mission of instructor				
RHYTHMIC ACTIVITIES (see also 37:01)									
39:01	24	3:15	MW	Begining Social Dance		1	Yager	W Gym 113	
39:01	25	4:15	TTh	Beginning Tap & Clog		1	Butterworth	Gym 113	
39:01	26	2:15	TTh	Advanced Tap & Clog		1	Butterworth	Gym 113	
FUNDAMENTALS OF BODY MOVEMENT									
39:01	27	11:00	MWF	Body Mechanics		1	Wesley	W Gym 213	
	28	2:15	TTh				Wesley	W Gym 213	
PHYSICAL EDUCATION FOR SPECIAL GROUPS									
39:01	29	8:00	TTh	Act for Soc Recreation		1	Yager	W Gym 113	
	30	10:00	TTh	(Note C)			Yager	Range	
	31	3:15	TTh				Short	W Gym 214	
39:01	32	9:00	MWF	Fund of Rhythmic Ed		1	Butterworth	Gym 213	
	33	10:00	MWF				Butterworth	Gym 213	
	34	2:15	MWF				Moon	W Gym 213	
39:01	35	8:00	TThF	Individual Activity		1	Wesley	W Gym 213	
39:06	1	11:00	MTWTh	Fresh Major Activities		1	Staff	W Gym	
39:07	1	10:00	MTWTh	Soph Major Activities		2	Staff	W Gym	
		3:15	MTWTh						
39:08	1	Arr	Arr	Junior Major Activities		0	Staff	W Gym	
39:09	1	Arr	Arr	Senior Major Activities		1	Staff	W Gym	
		Arr	Arr	Basketball, Volleyball, Badminton			Staff	W Gym	
				Intramurals					
		7:00	W	Play Night			Crawford	W Gym	
		7:00	MWTh	Recreational Swimming			Staff	W Gym	

Note C: Section 29 is for majors or minors in women's physical education and will include Recreational Games.

50 SPEECH

Fundamentals of Speech				4 hrs credit (Note A)		Speech for Elem Teachers				3 hrs credit (Note B)	
50:20	1	8:00	MTWTh	Wagner	Aud 139	50:21	1	8:00	MWF	Flowers	Aud 45
	2	9:00	MTWF	Hake	Aud 343		2	8:00	TThF	Flowers	Aud 45
	3	10:00	MTWTh	Wagner	Aud 139		3	12:15	MWF	M Smith	Annex 41
	4	10:00	MTWF	Wood	Aud 44		4	12:15	TThF	M Smith	Annex 41
	5	11:00	MTThF	Flowers	Annex 41		5	1:15	MWF	McDavitt	Aud 44
	6	11:00	MWThF	Strayer	Aud 130		6	1:15	TThF	McDavitt	Aud 44
	7	1:15	MTThF	Flowers	Annex 46		7	2:15	MWF	Flowers	Annex 46
	8	1:15	MTWTh	Wagner	Aud 139		8	2:15	TThF	Flowers	Annex 46
	9	2:15	MTWF	McDavitt	Aud 44		9	2:15	MWF	Williams	Aud 45
	10	2:15	MTWTh	M Smith	Annex 41		10	2:15	TThF	Williams	Aud 45
							11	3:15	MWF	M Smith	Annex 41
							12	3:15	TThF	M Smith	Annex 41
50:120	1	11:00	Daily	Interpretative Speech		50:20 or 21 or equiv	5	Wood	Aud 44		
50:321	1	11:00	MWF	Dramatics for Elem Teachers		50:20 or 21	3	McDavitt	Aud 125		
50:340	1	1:15	Daily	Dramatic Interpretation		50:120	5	Strayer	Aud		
50:367	1	8:00	MWF	Radio Survey		50:20 or 21	3	Hake	Aud 343		

Note A: No credit for a student who has credit in 50:21.

Note B: No credit for a student who has credit in 50:20.

50 SPEECH

50:385	1	11:00	Daily	Speech Correction	50:20 or 50:21	5	Fossum	Aud 45
50:458	1	2:15-4:05	T	Stage Make-up	50:20 or 50:21	1	Strayer	Make-up
50:491	1	9:00	TTh	Teach Speech in Sec Sch	20 hrs Speech	4	McDavitt	Aud 45
50:508	1	12:15	Daily	Speech Pathology I	Approval of instructor	5	Williams	Aud 45
50:513	1	10:00	MWF	Speech Hard of Hearing	Approval of instructor	3	Williams	Aud 45
50:573	1	2:15	MWF	Stage Lighting	50:20 or 21	3	Wood	Aud 130
50:586	1	Arr	Arr	Clinical Practice	50:508 and 509	2	Fossum	Aud 41
50:607	1	4:15-6:05	M	Experimental Research		2	M Smith	Annex 41
50:692	1	7:00-9:50	Mon Eve	Seminar Teaching Speech	50:20 or 21	3	McDavitt	Aud 44

52 MUSIC

52:10	1	8:00	Daily	Elements of Music		2	Hill	Cen 322
	2	9:00	Daily				Coleman	Cen 322
	3	10:00	Daily				Holvik	Cen 119
	4	1:15	Daily				Coleman	Cen 322
	5	2:15	Daily				Macy	Cen 118
	6	3:15	Daily				Baum	Cen 118
52:12	1	9:00	Daily	Music for Elem Grades	Y	2	Redner	Cen 118
	2	10:00	Daily		Z		Redner	Cen 118
	3	1:15	Daily		Y		Redner	Cen 118
52:130	1	8:00	MWF	Exploring Music		3	Howe	Cen 119
	2	9:00	MWF				Bock	Cen 119
	3	11:00	MWF				Hord	Cen 119
	4	1:15	MWF				Burns	Cen 119
	5	2:15	MWF				Bock	Cen 119

Y Group is for students specializing at lower grade level.

Z Group is for students specializing at upper grade level.

54 MUSIC APPLIED

54:300	1	2:15	TTh	Orch Instruments I (Note A)		1	Coleman	Cen 225
54:302	1	9:00	MW	Orch Instruments II (Note A)		1	Holvik	Cen 323
54:303	1	10:00	MW	Orch Instruments III (Note A)		1	Howe	Cen 323
54:304	1	9:00	TTh	Orch Instruments IV (Note A)		1	Holvik	Cen 323
54:305	1	11:00	TTh	Orch Instruments V (Note A)		1	Russell	Cen 119
54:502	*	Arr	Arr	Senior Recital (Note A)		2		
54:120, 320, 520		Voice	1 or 2 hours		54:122, 322, 522		Cello	1 or 2 hours
1		Birkhead	Cen 116		25		Coleman	Cen 225
2		Holst	Cen 321					
3		Macy	CHS 323		54:122, 322, 522		Bass	1 or 2 hours
4		Mauck	Gil 302		26		Coleman	Cen 225
54:121, 321, 521		Piano	1 or 2 hours		54:122, 322, 522		Harp	1 or 2 hours
11		Aakvik	Gil 301		27		Beckman	Cen 231
12		Baum	Cen 327					
13		Hord	CHS 319		54:123, 323, 523		Woodwind	1 or 2 hours
14		Maxwell	Cen 324		31		Coleman	Cen 225
15		Ruegnitz	Cen 122		32		Holvik	Cen 323
					33		Russell	Cen 123
54:121, 321, 521		Organ	1 or 2 hours		54:123, 323, 523		Brass	1 or 2 hours
17		Burns	Cen 319		34		Howe	Cen 325
54:122, 322, 522		Violin	1 or 2 hours		35		Latham	Cen 320
22		Bock	Cen 224					
23		Kurtz	Cen 330		54:124, 324, 524		Percussion	1 or 2 hours
54:122, 322, 522		Viola	1 or 2 hours		41		Holvik	Cen 323
24		Hill	Cen 322					

Note A: Credit only for a student whose major or minor is in the field of music.

\* The student should register for senior recital in the quarter in which he expects to give it. However, no card will be pulled until after the recital has been presented.

57 MUSIC, METHODS

57:402	1	11:00	MW	School Music Methods II (Note C)	52:10, 17 or 113	2	Redner	Cen 118
57:513	1	1:15	MWF	Band Management		3	Holvik	Cen 323

Note C: No credit for a student who has credit for Music 11.

## 57 MUSIC, METHODS

57:585	1	4:15	MW	Opera Production	2	Holst	Cen 321
57:601	1	Arr	Arr	Psychology of Music	3	Redner	Cen 20

## 58 MUSIC, THEORY

58:114	1	9:00	Daily	Aural Theory II	58:113	3	Beckman	Cen 320
	2	11:00	Daily				Beckman	Cen 320
	3	1:15	Daily				Beckman	CHS 310
58:317	1	11:00	MWF	Harmony II	58:308	3	Hill	Cen 322
	2	2:15	MWF				Hill	Cen 322
58:404	1	10:00	TTh	Counterpoint II	58:403	2	Latham	Cen 320
	2	9:00	MW				Latham	Cen 225
	3	2:15	TTh				Latham	Cen 320
58:409	1	2:15	MWF	Orchestration	58:317	3	Latham	Cen 320
58:412	1	9:00	MWF	Conducting	52:10, 17 or 113	3	Hill	Cen 222
58:441	1	1:15	MWF	Form and Analysis (Note D)		1	Latham	Cen 225
58:536	1	1:15	MWF	Music History & Lit II		2	Bock	Cen 320
58:544	1	10:00	MWF	Music Lit Baroque	58:535, 536, 537	3	Bock	Cen 224
58:615	1	11:00	MWF	Advanced Composition	54:514	3	Latham	Cen 231
	3:15		F	Recitals				Gilchrist
	4:15		MW	Opera Ensemble			Holst	Cen 321
	Arr		Arr	Madrigals			Mauck	Gil 302
	5:00		TTh	String Ensembles			Bock	Cen 224
	7:00		MW	Woodwind Ensemble			Holvik	Cen 323
	8:00		MW	Brass Ensemble			Howe	Cen 222
	7:00		TTh	College Chorus			Macy	Cen 119
	4:15		TTh	A Cappella Choir			Macy	Cen 119
	3:15		MW	College Band			Holvik	Cen 222
	3:15		TTh	College Symphony Orchestra			Russell	Cen 222
	6:45		W	Chapel Choir			Mauck	Auditorium

Note D: No credit for a student who has credit in 58:406.

## 60 ART

60:101	1	8:00-9:50	MWF	Man & Materials		3		A&I 223
	4	10:00-11:50	MWF					A&I 223
	8	1:15-3:05	MWF					A&I 217
	11	3:15-5:05	MWF					A&I 217
	14	8:00-10:50	TTh					A&I 205
16, 17	1:15-4:05	TTh					A&I 205	
60:104	1	8:00-9:50	Daily	Basic Art		5	Page	A&I 201
60:110	1	8:00-9:50	MWF	Arts for Elem Grades I		3	Haskell Schraemeyer Schraemeyer Conlon	A&I 222
	2	10:00-11:50	MWF					A&I 228
	3	1:15-3:05	MWF					A&I 228
	4	3:15-5:05	MWF					A&I 205
60:117	1	10:00-11:50	MWF	Ceramics I		3	Pappas	Cer Lab
60:122	1	8:00-9:50	TTh	Arts for Elem Grades II	60:104 or 110	2	Ditzler Ditzler	A&I 134
	2	1:15-3:05	TTh					A&I 134
60:305	1	10:00-11:50	Daily	Painting I		5	Page	A&I 201
60:309	1	10:00-11:50	TTh	Art & the Child	60:110	2	Schraemeyer	A&I 228
60:317	1	3:15-5:05	MWF	Ceramics II	60:117	3	Pappas	Cer Lab
60:340	1	8:00-9:50	MWF	Art Metal Work		3	Gogel	A&I 224
60:381	1	9:00	Daily	History of Art		5	Fowler	A&I 210
60:401	1	1:15-3:05	MWF	Crafts for Recreation		3	Herrold	A&I 221
60:407	1	10:00-11:50	Daily	Painting II	60:305	5	Page	A&I 201
60:417	1	3:15-5:05	MWF	Ceramics III	60:317	3-5	Pappas	Cer Lab
60:461	1	1:15-3:05	MWF	Puppetry		3	Delafield	A&I 223
60:463	1	10:00-11:50	MWF	Jewelry		3	von Neumann von Neumann	A&I 224
	2	3:15-5:05	MWF					A&I 224
60:477		Arr	Arr	Adv Technical Problems	Approval of Dept Head	2-5		
60:509	1	10:00-11:50	TTh	The Art of Children	Approval of Dept Head	2-3	Schraemeyer	A&I 228
60:512	1	10:00-11:50	Daily	Painting III	60:407	5	Page	A&I 201

## 60 ART

60:570	1	10:00-11:50	Daily	Art Problems: Painting	3-5	Page	A&I 201
	2	8:00-9:50	MWF	Art Problems: Art Metal Work	3-5	Gogel	A&I 224
	3	9:00	Daily	Art Problems: History of Art	5	Fowler	A&I 210
	4	10:00-11:50	MWF	Art Problems: Ceramics	3-5	Pappas	Cer Lab
	8	1:15-3:05	MWF	Art Problems: Puppetry	3-5	Delafield	A&I 223
	10	Arr	Arr	Art Problems: Jewelry	3-5	von Neumann	A&I 224

## 62 ENGLISH

English I					English II					English III				
4 hours credit					4 hours credit					(Note A)				
62:1	1	8:00	MTThF	Braddock	Aud 128	62:100	1	8:00	MTThF	F. Smith	Aud 130			
	2	8:00	MWThF	Jewell	Aud 125		2	8:00	MTThF	Taylor	Aud 129			
	3	9:00	MTThF	Cram	Aud 126		3	9:00	MTWF	Fagan	Aud 128			
	4	9:00	MWThF	Stuart	Aud 127		4	9:00	MTWF	Hanawalt	Aud 129			
	5	10:00	MTThF	Braddock	Aud 128		5	10:00	MTWF	Goggin	Aud 127			
	6	10:00	MTThF	Cowley	Aud 126		6 *	10:00	MTThF	F. Smith	Aud 130			
	7	11:00	MWThF	Jewell	Aud 126		7	11:00	MWThF	Stuart	Aud 127			
	8	11:00	MTThF	Taylor	Aud 129		8	12:15	MTWF	Fagan	Aud 127			
	9	12:15	MTThF	Cowley	Aud 126		9	12:15	MTWF	Maurer	Aud 44			
	10	12:15	MTThF	Hanson	Aud 129		10	1:15	MTWF	Goggin	Aud 125			
	11	1:15	MTThF	Braddock	Aud 128		11	2:15	MTWF	Fagan	Aud 128			
	12	1:15	MTThF	Taylor	Aud 127		12 *	3:15	MTWF	Hanawalt	Aud 129			
	13	2:15	MTWF	La-gemo	Aud 125		13	3:15	MTWF	Maurer	Aud 45			
	14	2:15	MTThF	Taylor	Aud 127									
	15	3:15	MTWF	Fagan	Aud 128									
	16	3:15	MTWF	Langemo	Aud 44									
62:110	1	9:00	MTThF	English III		62:100	4	F Smith	Aud 130					
62:114	1	12:15	MTThF	Mass Communication		62:1	4	Braddock	Aud 128					
62:117	1	3:15	MTWF	Narrative & Dramatic Lit (Note B)		62:1	4	Goggin	Aud 127					
62:312	1	10:00	Daily	World Literature		62:1	5	Hanawalt	Aud 129					
62:317	1	1:15	MTWF	Major British Writers		62:1	4	Hanawalt	Aud 45					
62:330	1	11:00	MWF	The American Novel		62:1	3	Fox	Aud 128					
62:448	1	10:00	MTThF	Major American Writers		62:1	4	Reninger	Aud 142					
62:452	1	7:30-9:30	Mon Eve	Creative Writing		62:1	2	Hearst	2310 Clay St					
	2	7:30-9:30	Wed Eve					Hearst	2310 Clay St					
62:462	1	8:00	MWThF	Amer Eng Lang of Today		62:1	4	Anderson	Aud 126					
62:522	1	1:15	Daily	Romantic Literature		62:1	5	Cowley	Aud 126					
62:543	1	10:00	Daily	Amer Lit 1865 to Present		62:1	5	Anderson	Annex 41					
62:650	1	7:00-9:50	Wed Eve	Theory Pract Criticism		62:1	3	Forest	Aud 142					
62:664	1	7:00-9:50	Mon Eve	Language Problems in HS		62:1	3	Anderson	Aud 142					
62:681	1	Arr	Arr	Seminar in American Lit		62:1	3	Reninger	Aud 140					
62:682	1	Arr	Arr	Seminar in 20th Century		62:1	3	Fox	Aud 136					

\* For those who have been excused from English I.

Note A: No credit for a student who has credit in 62:102.

Note B: No credit for a student who has credit in English 110.

## 64 RELIGIOUS LITERATURE

64:404	1	9:00	MWF	Intro to Religious Ideas	3	Bernhard	Aud 45
64:405	1	11:00	Daily	History of Christianity Amer	5	Bernhard	Aud 332
64:426	1	9:00	T	Heritage of the Bible	3	Bluhm	Aud 44
		9:00-10:50	Th				
	2	2:15	T			Bernard	Aud 332
		2:15-4:05	Th				

## 65 PHILOSOPHY

65:365	1	1:15	MWF	Ethics	3	T Thompson	Annex 41
65:406	1	9:00	T	Intro to Philosophy	3	T Thompson	Aud 125
		9:00-10:50	Th				
	2	2:15	T			Bluhm	Aud 334
		2:15-4:05	Th				

## 66 JOURNALISM

66:310	1	9:00	Daily	Journalism I	62:1	5	Wightman	Gil 210
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## 68 HUMANITIES

68:111	1	8:00	MWThF	Anc Times to Renaissance	4	Stuart	Aud 127
	2	9:00	MTThF			Harris	Aud 344
	3	10:00	MTThF			Harris	Aud 339
	4	12:15	MTThF			F Smith	Aud 142
	5	2:15	MTWTF			Maurer	Aud 129
68:112	1	8:00	MTThF	Renaissance Thro Fr Rev	4	Forest	Aud 142
	2	8:00	MTThF			Jones	Aud 341
	3	8:00	MTWTF			T Thompson	Aud 44
	4	9:00	MTThF			Poage	Aud 341
	5	9:00	MTThF			Forest	Aud 142
	6	10:00	MTThF			Jones	Aud 341
	7	10:00	MTWTF			T Thompson	Aud 125
	8	11:00	MTThF			Poage	Aud 341
	9	11:00	MTThF			Forest	Aud 142
	10	12:15	MTThF			Jones	Aud 341
	11	1:15	MTThF			Hanson	Aud 129
	12	1:15	MTThF			Lang	Aud 341
	13	1:15	MWThF			Stuart	Aud 142
	14	2:15	MTThF			Lang	Aud 341
	15	2:15	MTWTF			Goggin	Aud 142
	16	2:15	MTThF			Poage	Aud 344
	17	3:15	MTThF			Hanson	Aud 142
68:113	1	8:00	MTThF	19th & 20th Centuries	4	Sage	Aud 344
	2	11:00	MTThF			Sage	Aud 344

## 72 FRENCH

72:102	1	8:00	Daily	French II	72:101 or equiv	5	Schaefer	Aud 332
72:303	1	10:00	MWF	French Short Stories	72:301 & 72:302 or equiv	3	Schaefer	Aud 332
72:304	1	10:00	TTh	French Comedies	72:301 & 72:302 or equiv	2	Schaefer	Aud 332

## 74 GERMAN

74:305	1	1:15	Daily	Contemporary German Lit	74:301 or equiv	5	Schaefer	Aud 332
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## 76 LATIN

76:102	1	9:00	Daily	Elem Latin II	One year high school Latin or 76:101 or equiv	5	Miller	Aud 334
76:490	1	8:00	TTh	The Teaching of Latin	76:309 or equiv	2	Miller	Aud 334
76:501	1	10:00	Daily	Agricola of Tacitus	76:309 or equiv	5	Miller	Aud 334

## 78 SPANISH

78:303	1	1:15	MWF	Modern Spanish Novel	78:301 & 78:302 or equiv	3	Miller	Aud 334
78:304	1	1:15	TTh	Spanish-American Life	78:301 & 78:302 or equiv	2	Miller	Aud 334

## 80 MATHEMATICS

80:94	1	8:00	TWThF	Math for General Ed	4	Hamilton	Voc 116	
	2	9:00	MWThF			Maricle	Voc 116	
	3	9:00	MTThF			Silvey	Voc 318	
	4	10:00	MTWTF			Hamilton	Voc 307	
	5	11:00	MTThF			Schurrer	Voc 116	
	6	1:15	MTThF			Hamilton	Voc 116	
	7	2:15	MTThF			Peck	Voc 116	
80:100	1	10:00	Daily	College Algebra	80:94 or test	5	Van Engen	Voc 116
80:101	1	9:00	Daily	Trigonometry	80:100 or test	5	Lott	Voc 307
	2	11:00	Daily				Peck	Voc 307
	3	1:15	Daily				Schurrer	Voc 307
80:111	1	8:00	Daily	Arith Prin & Teaching (Note A)	5	Silvey	Voc 318	
	2	10:00	Daily			Silvey	Voc 318	
	3	1:15	Daily			Gibb	Voc 318	
80:307	1	9:00	MWF	Mathematics of Finance	80:100	3	Schurrer	Voc 114
80:320	1	10:00	MWF	Foundation of Mathematics	15 hrs math	3	Schurrer	Voc 114
80:408	1	7:00-9:50	Mon Eve	Teach of Arithmetic II		3	Gibb	Voc 114
80:416	1	8:00	Daily	Calculus II	80:415	5	Lott	Voc 307
80:535	1	2:15	MTTh	Evaluation Jr HS Math		3	Van Engen	Voc 114
80:583	1	11:00	MWF	History of Arithmetic		3	Hamilton	Voc 114

Note A: No credit for a student who has credit in 80:11 or 322.

## 82 SCIENCE

82:18	1	8:00	MTWTh	Phys Sci for Elem Gr I		3	Shannon	Sci	9
	2	9:00	MTWTh				Shannon	Sci	9
	3	10:00	MTWTh				Shannon	Sci	10
	4	1:15	MWThF				Reece	Sci	9
	5	2:15	MTWTh				McCollum	Sci	10
	6	3:15	MTWTh				Reece	Sci	9
82:116	1	8:00	Daily	The Physical Sciences (Note A)		5	Poppy	Sci	207
	2	10:00	Daily				Rogers	Sci	207
	3	11:00	Daily				Brothers	Sci	207
	4	1:15	Daily				Brothers	Sci	207
82:117	1	8:00	MWTh	The Biological Sciences (Note B)	82:116	4	Winier	Voc	109
		8:00-9:50	T					Voc	8
	2	9:00	MTW				Grant	Voc	109
		8:00-9:50	Th					Voc	7
	3	10:00	MWF				Winier	Voc	109
		10:00-11:50	Th					Voc	8
	4	11:00	MWF				Wittlake	Voc	10
		10:00-11:50	T					Voc	8
	5	1:15	MWF				Wittlake	Voc	10
		1:15-3:05	T					Voc	8
	6	2:15	MWF				Grant	Voc	109
		1:15-3:05	Th					Voc	8
	7	3:15	MWF				Fowler	Voc	107
		2:15-4:05	Th					Voc	8
82:118	1	8:00	MWF	Human Biology (Note C)		3	Rath	Sci	201
	2	9:00	MWF				Rath	Sci	201
	3	10:00	MWF				Allegre	Sci	201
	4	12:15	MWF				Allegre	Voc	10
	5	1:15	MWF				McCollum	Sci	201
	6	3:15	MWF				Winier	Voc	109
82:119	1	8:00	MWF	World Resources (Note D)		3	Nelson	Lib	305
	2	9:00	MWF				Smith	Lib	202
	3	11:00	MWF				Nelson	Lib	305
	4	1:15	MWF				Smith	Lib	202
	5	2:15	MWF				Nelson	Lib	305
	6	3:15	MWF				Smith	Lib	202
82:490	1	11:00	MTWF	The Teaching of Science	15 hrs Science	4	Winier	Voc	109
82:515	1	1:15	MW	Biol Sci for Elem Gr II	82:15, 117, or 84:10	3	Fowler	Voc	109
		1:15-3:05	F					Voc	113
82:518	1	8:00-9:50	TTh	Phys Sci for Elem Gr II	82:18 or 116	3	McCollum	Sci	10

Note A: No credit for a student who has credit in 82:16 or 18.

Note C: No credit for a student who has credit in 84:12 or 13.

Note B: No credit for a student who has credit in 82:15 or 84:10.

Note D: No credit for a student who has credit in 87:162 or 163.

## 83 AGRICULTURE

83:486	1	9:00	TTh	Principles of Breeding		2	Reece	Sci	2
83:585	1	9:00	MWF	Feeds & Feeding		3	Reece	Sci	2
83:587	1	10:00	MWF	Farm Management		3	Reece	Sci	2

## 84 BIOLOGY

84:10	1	8:00	MWF	Biol Sci for Elem Gr I (Note E)		5	Matala	Voc	107
		8:00-9:50	TTh					Voc	113
	2	9:00	TThF				Fowler	Voc	107
		8:00-9:50	MW					Voc	113
	3	10:00	MWF				McCollum	Voc	107
		10:00-11:50	TTh					Voc	113
	4	11:00	TThF				Matala	Voc	107
		10:00-11:50	MW					Voc	113
	5	1:15	MWF				Shannon	Voc	107
		1:15-3:05	TTh					Voc	113
84:100	1	2:15	TThF	Animal Biology	82:118	5	Wittlake	Voc	10
		1:15-3:05	MW					Voc	3
84:114	1	1:15-3:05	Daily	Anatomy & Physiology		7	Rath	Sci	200
84:306	1	9:00	TThF	Vertebrate Zoology	84:100	5	Allegre	Voc	10
		8:00-9:50	MW					Voc	3
84:508	1	2:15	TThF	Bacteriology	82:118	5	Lantz	Voc	10
		1:15-3:05	MW					Voc	7
84:511	1	10:00	TTh	Organic Evolution	82:118	2	Grant	Voc	10
84:512	1	10:00	MWF	Heredity	82:118	3	Grant	Voc	10
84:680	1	Arr	Arr	Special Problems in Biol		1-5	Staff		

Note E: No credit for a student who has credit for 82:15 or 117.

## 86 CHEMISTRY

86:122	1	10:00 10:00-11:50	MWF TTh	Inorganic Chemistry II	86:121 or equiv	5	Kercheval	Sci 309 Sci 301
86:319	1	8:00 8:00-9:50	MWF TTh	Applied Organic Chem (Note F)	86:318 or equiv	5	Brothers	Sci 309 Sci 200
86:521	1	9:00 8:00-9:50	MWF TTh	Organic Chemistry I	86:122	5	Kercheval	Sci 309 Sci 308
86:524	1	2:15 1:15-3:05	TTh MWF	Quantitative Analysis I	86:122	5	Kercheval	Sci 309 Sci 308

Note F: No credit for a student who has credit in Chemistry 121 or major in chemistry.

## 87 EARTH SCIENCE

87:466	1	11:00	Daily	Historical Geog of US		5	Smith	Lib 202
87:561	1	10:00	Daily	Meteorology		5	Nelson	Lib 305

## 88 PHYSICS

88:52	1	2:15 1:15-3:05	MTWF Th	Principles of Physics (Note G)	82:116	5	Rogers	Sci 107 Sci 101
88:140	1	9:00 8:00-9:50	MWF TTh	Mechanics	82:116 or entrance credit in physics	5	Rogers	Sci 210 Sci 101
88:343	1	10:00 10:00-11:50	MWF TTh	Heat, Elect, & Magnetism	88:140	5	Poppy	Sci 210 Sci 101
88:540	1	1:15 1:15-3:05	MWF TTh	Meas in Elect & Magn	88:343 or equiv	5	Poppy	Sci 107 Sci 108

Note G: No credit for a student who has credit in Physics 140 or 343.

## 90 SOCIAL SCIENCE

90:10	1 2	9:00 2:15	T T	Contemporary Affairs		1	Jones Bradley	Main Aud Main Aud
90:116	1 2 3	8:00 10:00 1:15	Daily Daily Daily	Basic Forces & Econ Prob		5	Crawford Leavitt Crawford	Aud 348 Aud 336 Aud 348
90:117	1 2 3 4 5 6	8:00 9:00 11:00 1:15 2:15 3:15	MTThF MTThF MTThF MTThF MTThF MTThF	Governmental Problems		4	Bradley Plaehn Robinson Bradley Robinson Bradley	Aud 335 Aud 335 Aud 335 Aud 335 Aud 335 Aud 335
90:118	1 2 3 4 5 6	8:00 9:00 11:00 1:15 2:15 3:15	MWF MWF MWF MWF MWF MWF	Problems of Society		3	Dee Bultena Bultena Bultena Dee Dee	Aud 339 Aud 339 Aud 339 Aud 339 Aud 339 Aud 339
90:400	1 2	9:00 2:15	T T	Contemporary Affairs		1	Thompson Bradley	Main Aud Main Aud
90:490	1	2:15	MTThF	Teach of Social Studies	15 hrs Social Science	4	Howard	Aud 348

## 92 ECONOMICS

92:352	1	11:00	Daily	Prin of Economics	90:116	5	Crawford	Aud 348
92:556	1	10:00	Daily	Public Finance		5	Thompson	Aud 348
92:682	1	3:15	T	Seminar in Economics		1-3	Thompson	Aud 348

## 94 GOVERNMENT

94:134	1	9:00	Th	Parliamentary Law		1	Bradley	Aud 339
94:532	1	11:00	Daily	State & Local Government		5	Plaehn	Aud 336
94:538	1	9:00	Daily	World Govt & Politics	90:117 or equiv	5	Robinson	Aud 336
94:681	1	3:15	T	Seminar in Government	Approval Dept Head	1-3	Robinson	Aud 341

## 96 HISTORY

96:11	1 2	9:00 2:15	Daily Daily	Soc & Econ Hist of US		5	Leavitt Fahrney	Aud 345 Aud 345
96:14	1	8:00	Daily	American History to 1865 (Note A)		5	Fahrney	Aud 345
96:304	1	10:00	Daily	American Hist Since 1865 (Note A)		5	Howard	Aud 345

Note A: No credit for a student who has credit in 96:11.



## 96 HISTORY

96:313	1	10:00	Daily	Modern Europe Since 1870	5	Sage	Aud 344	
96:321	1	10:00	TTh	History of Iowa	2	Plaehn	Aud 335	
	2	1:15	TTh			Plaehn	Aud 339	
96:506	1	11:00	Daily	American Colonial Hist	5	Fahrney	Aud 345	
96:508	1	1:15	Daily	The British Empire	5	Harris	Aud 344	
96:512	1	8:00	Daily	Diplomatic Hist of US	5 hrs Am Hist recomm	5	Howard	Aud 336
96:514	1	7:00-9:50	Wed Eve	History of the West	3	Leavitt	Aud 344	
96:680	1	3:15	T	Seminar in History	1-3	Sage	Aud 344	

## 98 SOCIOLOGY

98:358	1	9:00	Daily	Principles of Sociology	5	Dee	Aud 348
98:572	1	2:15	Daily	Crime & Delinquency	5	Bultena	Aud 336
98:683	1	3:15	T	Seminar in Sociology	1-3	Dee	Aud 345

### EXAMINATION SCHEDULE Winter Quarter, 1954-55

The examination schedule below provides only for the following classes:

1. All five-hour classes
2. All two, three, or four hour classes meeting on one or more of the following days: Monday, Wednesday, Friday.

The schedule does not provide for one-hour classes or for classes meeting on Tuesdays and Thursdays only. These examinations will ordinarily be given during the final class period.

The Contemporary Affairs test will be given on Tuesday, March 8 at 2:15 p. m. for all who can take it at that time; for others at 3:15 p. m. Those who cannot take the test at either 2:15 or 3:15 should consult Dr. M. R. Thompson in the week immediately preceding the day of the test.

#### CLASS HOUR

#### EXAMINATION PERIOD

9:00	8:00-9:50	Wednesday, March 9
10:00	10:00-11:50	Wednesday, March 9
1:15	1:15-3:05	Wednesday, March 9
3:15	3:15-5:05	Wednesday, March 9
8:00	8:00-9:50	Thursday, March 10
11:00	10:00-11:50	Thursday, March 10
12:15	12:15-2:05	Thursday, March 10
2:15	2:15-4:05	Thursday, March 10

If you are enrolled in a class that meets on certain days for double periods, you will follow the examination schedule for the hour at which the class convenes most frequently.

Instructors will make no changes in the examination schedule. Each instructor should call the attention of his students to the examination period for each class so that there can be no misunderstanding.

Attendance is required in all classes from 8:00 a. m. Wednesday, March 2 to 4:15 p. m. Tuesday, March 8, inclusive.

Students who are registered for teaching will continue their teaching through Wednesday, March 9. The Head of the Department of Teaching will issue excuses only in cases of conflict with examinations.