

UNIVERSITY OF MINNESOTA

DULUTH BRANCH

CLASS SCHEDULE



Spring Quarter

1955

Vol. VIII, No. 4

SPECIAL NOTICE: *The final date for payment of fees without penalty for students in residence Winter Quarter is Thursday, March 17, 1955.*

Registration

DATES: *Monday, February 21—Sophomores, Juniors and Seniors, 8:30-12:00, 1:00-4:30*
Registration for students in residence Winter Quarter who are classified as sophomores, juniors or seniors at beginning of Winter Quarter, 1955.

*Wednesday, February 23—8:30-12:00 noon. Freshmen Only—*Registration for students in residence who are classified as freshmen at beginning of Winter Quarter, 1955.

*Wednesday, February 23—1:00-4:30 p.m.—*Registration for students who have not completed registration during the time specified above.

Thursday, February 24—8:30-12:00; 1:00-3:30. Fee statements will be written in the Office of Student Personnel Services. There will be no distribution of class cards on this date.

*Thursday, March 17—*Final date for payment of fees without penalty for students in residence Winter Quarter, 1955. *

*Thursday, March 24—*Registration for new high school and new advanced standing students entering the University of Minnesota, Duluth Branch for the first time.

*Friday, March 25—*Final date for payment of fees without penalty for new students. *

*Monday, March 28—*CLASSES BEGIN

*Friday, April 1—*Last day for registration and payment of fees for the Graduate School and for teachers in service.

*Any student who has not paid his fees by the end of the second week will no longer be a member of the student body, unless he has made arrangements well in advance with Mr. Falk, Acting Director of Student Personnel Services, Room 217, Main. He must have in possession a written statement certifying that he has made such arrangements in order to be permitted to pay fees and complete registration after the second week of classes.

IMPORTANT NOTICES

MEDICAL AND PHYSICAL EXAMINATIONS—Seniors and new students

Seniors, new graduate students, new advanced standing students, and new freshmen will report to Washburn Hall to obtain appointments. A clearance slip from the Health Service must be presented before fee statements will be issued.

ADVISERS—All students have been assigned to faculty advisers. Any student requiring assignment or reassignment should report to the Office of Student Personnel Services, Room 211, Main. Any change of major or adviser must be made through the Office of Student Personnel Services where a permanent Advisory Record Card is maintained for each student. New students must have their advisers sign their Advisory Record Cards.

PAYMENT OF FEES—Spring Quarter fees are due for all students at the time of registration. Fees paid later than Thursday, March 17, for students in residence and Friday, March 25, for new students, involve a privilege fee for late registration.

COURSE LOAD—Minimum: 12 quarter hours. Maximum: 17 quarter hours

Note: Korean veterans must take 14 credits to obtain full subsistence. Korean veterans registered in the Graduate School must take 12 credits for full subsistence allowance.

Courses audited or taken through extension or by arrangement for individual study are considered a part of the course load. They should be planned for at the time of registration and all arrangements completed before the April 8 deadline. The consent of the major adviser is required. Approval to register for less than 12 hours or more than 17 hours (including extension, individual study or auditing) must be secured from the Student Personnel Committee.

DROP ADD—Courses may not be added after April 8. Students desiring to drop courses must do so before May 6. Drop-add procedure is initiated by the student in Room 213, Main, Office of Student Personnel Services. Drop-add slips may be obtained at any time after March 24 but should not be presented in the Office of Student Personnel Services until Tuesday, March 29.

POST-OFFICE BOXES—Each student will find his post-office box number at the top of the fee statement. The boxes are in the basement of Washburn Hall and they should be checked daily. Students are held responsible for official notices placed in these boxes inasmuch as this is the University's official channel of communication with students.

CHANGE OF ADDRESS—Students must keep the Office of Student Personnel Services informed of any change in temporary or permanent addresses.

STUDENT HOUSING—Students not living at home must reside in University approved dwellings selected from a list on file in the Office of Student Personnel Services, Room 215. Questions regarding housing should be referred to the Office of Student Personnel Services, Room 215, Main.

THE UNIVERSITY reserves the right to balance sections and to cancel courses in which not enough students are enrolled.

REGISTRATION PROCEDURE

Step 1. Secure registration materials at the admission desk at the entrance to Rm. 213, Main, on February 10 and 11. Complete all cards except the space reserved for the listing of courses on the white program card and the green card.

Step 2. Plan programs with the aid of faculty advisers. White program cards should be completed and programs approved and signed by advisers. New students should also have their advisers sign their Advisory Record Cards. Students whose advisers are no longer on campus or who desire to change advisers should report to Room 211, Main, for reassignment, if they have not already received word of a change.

GENERAL EDUCATION COURSES: When a course number is preceded by a star (*), it may be used in meeting general education requirements subject to prerequisites and other limitations prescribed in the course descriptions as given by each division in the Duluth Branch Bulletin on General Information and Announcement of Courses. A summary of General Education course requirements appears on pages 33-36 in the 1954-56 Duluth Branch Bulletin.

Step 3. On Monday, February 21, sophomores, juniors and seniors should secure all class cards in the class card distribution center which will be located in the gymnasium (basement of Main). Freshmen may obtain class cards on Wednesday morning, February 23. Complete all information requested on the class cards and complete the back of the green business office card. A ball point pen or a pencil should be used in printing class cards.

The class card constitutes *official permission to attend a specific class*. Students are not entitled to receive instruction unless the Office of Student Personnel Services has issued a class card to the faculty member in charge of the course. After April 8, students who have not paid fees will not be considered members of the student body.

Step 4. (P.L. 16, P.L. 346, and P.L. 894 Veterans only) Check necessary details with Mrs. Majerle, Room 118, Main.

(P.L. 550-Korean Veterans only) Veterans who are entering training for the first time under Public Law 550 ("Korean G.I. Bill") or have interrupted training and are returning for the first time Spring Quarter should see Mrs. Majerle, Room 118, Main before completing registration.

Step 5. After completing all registration materials proceed to the auditorium to have class cards and other materials checked and fee statements written. All cards should be completed including the class cards, which should include student number, adviser name and number, and the other information required.

Step 6. Report to Room 118, Main where the fee statement will be paid and materials will be collected. Winter Quarter fees are due for students in residence on March 17 and for new students on March 25. Late fee waivers will be granted only in rare circumstances.

Step 7. New students report to the Bookstore, Washburn basement, for locker assignments.

When shown, the abbreviations in parentheses following departmental headings should precede the course numbers unless a different abbreviation is listed. Each course is described in the Duluth Branch Bulletin under the division listed after departmental headings.

BUILDING AND ROOM ABBREVIATIONS

Cts.	Tennis Courts	PEA	Large gym in P.F. Building
HMH	Home Management House	PEB	Basement of P.F. Building
L	Laboratory School	PEG	P.E. Building grounds
L.Pk.	Lester Park	PES	Studio in P.F. Building
M	Main	PEW	Women's gym in P.F. Building
M.Aud.	Auditorium in Main	Pool	In P.F. Building
O-	Olcott Hall	S	Science Bldg. (upper campus)
OB	Basement of Olcott Hall	S.Aud.	Auditorium of Science Building
PE	Physical Education Building (upper campus)	T	Tweed Hall
		TA	Tweed Annex
		TB	Tweed Basement

Duluth Branch—Class Schedule

Air Science (AirSci)		SPRING				
I-33s	1 Military Instrument of National Sec.-	9:30-10:20	W	ROTC	1	New
I-33s	2 Military Instrument of National Sec.-	1:30-2:20	Th	ROTC	1	New
	Leadership Laboratory (All Sections)-	2:30-4:20	T	PEA		Staff
II-36s	Elements of Aerial Warfare-	10:30-11:20	Th	ROTC	1	Christy
	Leadership Laboratory-	2:30-4:20	T	PEA		Staff
III-133s	Applied Air Science-	8:30-9:20	MWF	ROTC	3	New
	Leadership Laboratory-	2:30-4:20	T	PEA		Staff
IV-136s	Military Aspects of World Political Geography-	12:00-12:50	MWF	ROTC	3	Nielson
	Leadership Laboratory-	2:30-4:20	T	PEA		Staff

Art (Art)		SPRING				
*4	1 Art Today-	1:00-1:50	MWF	T33	3	Smith
*4	2 Art Today-	2:00-2:50	MWF	T33	3	Smith
*4	3 Art Today-	2:00-3:15	TTh	T33	3	Smith
*5	1 Introduction to Art-	8:00-10:00	MWF	T34	3	Stueland
*5	2 Introduction to Art-	9:00-12:00	TTh	T34	3	Wood
*6	Drawing and Painting-	2:00-4:00	MWF	T22	3	Wood
*7	Sculpture I-	1:00-4:00	TTh	TB	3	Stueland
19	Design II-	9:00-12:00	TTh	T32	3	Fumagalli
23	Lettering and Color-	12:00-2:00	MWF	T32	3	Wood
62	Art in Secondary Education-	8:00-8:50	MWF	T26	3	Smith
67	Watercolor Painting II-	1:00-4:00	TTh	T22	3	Wood
76	Print Processes-	9:00-12:00	TTh	T35	3	Stueland
80	General Crafts-	10:00-12:00	MWF	TB	3	Stueland
86	Contemporary Architecture, Painting and Sculpture-	9:00-9:50	MWF	T33	3	Fumagalli
170	Problems in Ceramics	Ar.				
180	Problems in Sculpture-	Ar.				
92	Special Problems in Art Education-	Ar.				
96	Problems in Drawing, Painting and Printing-	Ar.				
97	Problems in Sculpture-	Ar.				
98	Problems in Ceramics-	Ar.				
99	Problems in Design-	Ar.				

Biology		SPRING				
Bact.53	General Bacteriology Lect.-	12:30-1:20	MWF	S221	5	Heino
	General Bacteriology Lab.-	1:30-4:20	TTh	S221		Heino
*Bot.3	General Botany Lect.-	9:30-10:20	TTh	S236	4	Lakela
	1 General Botany Lab.-	8:30-10:20	MW	S207		Lakela
	2 General Botany Lab.-	1:30-3:20	TTh	S207		Carlson
Bot.20DH	Household Microbiology-	2:30-4:20	MWF	S221	3	Heino
Bot.51	Introductory Plant Physiology-	8:30-11:20	TTh	S207	4	Carlson
Bot.52	Elementary Taxonomy-	1:30-4:20	TTh	S212	3	Lakela
Bot.53	Introductory Plant Anatomy-	10:30-12:20	MWF	S207	3	Carlson
*N.Sci.9	1 General Biology-	8:30-9:20	MTWThF	S200	4	Keith
*N.Sci.9	2 General Biology-	12:30-1:20	MTWThF	S130	4	Keith
*Zool.3	General Zoology Lect.-	11:30-12:20	MW	S235	4	Hofslund
	1 General Zoology Lab.-	1:30-3:20	MW	S217		Hofslund
	2 General Zoology Lab.-	3:30-5:20	MW	S217		Chiang
	3 General Zoology Lab.-	8:30-10:20	TTh	S217		Chiang
	4 General Zoology Lab.-	1:30-3:20	TTh	S217		Krogstad

Zool.51	Introductory Animal Parasitology Lect.-----	8:30-9:20	M\F	S236	5	Odlaug
	Introductory Animal Parasitology Lab.-----	9:30-11:20	MWF	S221		Odlaug
Zool.54	Field Zoology-----	1:30-4:20	M\F	S211	5	Krogstad
Zool.56	Aquatic Entomology-----	1:30-4:20	TTh	S228	3	Chiang
Zool.58	Ornithology-----	8:30-11:20	TTh	S211	3	Hofslund
Zool.83	Introduction to Genetics and Eugenics-----	11:30-12:20	M\F	S236	3	Krogstad

Business and Economics (B&E)

SPRING

*3	1 Principles of Economics-----	8:00-8:50	MTVThF	M303	5	Roulston
*3	2 Principles of Economics-----	9:00-9:50	MTVThF	M303	5	Sielaff
*3	3 Principles of Economics-----	10:00-10:50	MTVThF	M303	5	Friest
*3	4 Principles of Economics-----	1:00-1:50	MTVThF	M303	5	Friest
11	1 Typewriting-----	10:00-10:50	TTh	M301	1	Grovom
	(1 hr. ar.)					
11	2 Typewriting-----	1:00-1:50	TTh	M301	1	Grovom
	(1 hr. ar.)					
13	1 Typewriting-----	8:00-8:50	TTh	M301	1	Grovom
13	2 Typewriting-----	9:00-9:50	TTh	M301	1	Grovom
16	Elementary Shorthand-----	9:00-9:50	M\F	M301	3	Grovom
19	1 Office Management and Machines-----	10:00-10:50	MWF	M301	3	Grovom
19	2 Office Management and Machines-----	1:00-1:50	MWF	M301	3	Grovom
33	1 Principles of Accounting-----	8:00-8:50	M\F	M302	3	Dettmann
33	2 Principles of Accounting-----	11:00-11:50	M\F	M302	3	Friest
33	3 Principles of Accounting-----	1:00-1:50	M\F	M302	3	Dettmann
33	4 Principles of Accounting-----	2:00-2:50	MWF	M302	3	Dettmann
	(Joint Examination-Four Accounting Secs.)--	12:00-12:50	T	M./ud.		
43	1 Elements of Statistics-----	8:00-8:50	TTh	M302	2	Roulston
43	2 Elements of Statistics-----	9:00-9:50	TTh	M302	2	
43	3 Elements of Statistics-----	12:00-12:50	MW	M302	2	Roulston
43	4 Elements of Statistics-----	2:00-2:50	TTh	M302	2	
	(Joint Examination-Four Statistics Secs.)--	12:00-12:50	T	M./ud.		
49	Current Economic Problems-----	12:00-12:50	Th	M./ud.	½	Sielaff, Dettmann
53	1 Business Law-----	8:00-8:50	MWF	M307	3	Clure
53	2 Business Law-----	8:00-9:15	TTh	M307	3	Van Evera
58	Foreign Trade-----	11:00-11:50	MWF	M303	3	Sielaff
71	Analysis of Financial Statements-----	10:00-11:50	TTh	M302	3	Dettmann
85	Monetary and Banking Policy-----	9:00-9:50	M\F	M302	3	Friest
93	History of Economic Thought-----	10:00-10:50	MWF	M302	3	Roulston

Chemistry (Chem.)

SPRING

5	Organic Chemistry Lect.-Rec.-----	12:30-1:20	MTVThF	S402	5	Duval
	1 Organic Chemistry Lab.-----	1:30-3:10	MW	S301		Duval
	2 Organic Chemistry Lab.-----	1:30-3:20	TTh	S301		
4 } *7 }	General Inorganic Chemistry-----	10:30-1:20	MTWThF	S330		
	General Inorganic Chemistry Lect.-Rec.-----	12:30-1:20	MTWThF	S330	5	
	General Inorganic Chemistry Lab.-----	3:30-5:20	MW	S301		
*12	1 Semimicro Qualitative Analysis Lect.-----	8:30-9:20	MWF	S403	5	Moore
*12	2 Semimicro Qualitative Analysis Lect.-----	12:30-1:20	MWF	S236	5	Moore
	1 Semimicro Qualitative Analysis Lab.-----	2:30-5:20	MW	S301		
	2 Semimicro Qualitative Analysis Lab.-----	9:30-12:20	TTh	S301		
	3 Semimicro Qualitative Analysis Lab.-----	2:30-5:20	TTh	S301		
	4 Semimicro Qualitative Analysis Lab.-----	8:30-11:20	TTh	S301		
16	Carbon Compound Lect.-----	8:30-9:20	MTWTh	S111	4	Cowles

45	Glassblowing and Laboratory						
	Methods Lab.-----	2:30-5:20	MW	S320	2		
51	Quantitative Analysis Lect.-----	11:30-12:20	TThF	S403	5	Moore	
	Quantitative Analysis Lab.-----	1:30-5:20	TTh	S316		Moore	
56	Advanced Inorganic Chemistry Lect.-----	3 hrs. ar.					
58	Advanced Inorganic Chemistry Lab.-----	3 or 6 hrs.	Ar.			1-2	
63	Organic Chemistry Lect. Quiz-----	8:30-9:20	MTWTh	S402	5	Passer	
	Organic Chemistry Lab.-----	1:30-2:20	TTh	S108		Passer	
		2:30-5:00	TTh	S312			
89	Physical Chemistry Lect.-----	9:30-10:20	MTWTh	S235	5		
	Physical Chemistry Lab.-----	2:30-5:20	F	S320			
99	Senior Research Lab.-Conf.-----	Ar.				1-5	
103	Intermediate Organic Chemistry Lect.-----	3 hrs. ar.				3	Passer
							& Same as Chem. 7

Education		SPRING					
Ed.48	1 Orientation to Teaching-----	8:00-8:50	TTh	M115	1	Plumb	
Ed.48	2 Orientation to Teaching-----	2:00-2:50	TTh	M115	1	Plumb	
Ed.61A	School and Society-----	2:00-2:50	MTWThF	M308	5	Sword	
Ed.61B	Educational Psychology-----	9:00-9:50	MTWThF	M115	5	Wheat	
Ed.61C	Curriculum and Methods in						
	Elementary Education-----	1:00-1:50	MWF	M115	5	Damgaard	
		9:00-9:50	MTWThF	M308			
Ed.81A	School and Society-----	2:00-2:50	MTWThF	M308	5	Sword	
Ed.81B	Educational Psychology-----	9:00-9:50	MTWThF	M115	5	Wheat	
Ed.81C	1 Curriculum and Methods in						
	Secondary Education-----	8:00-8:50	MTWThF	M308	5	Johnson	
Ed.81C	2 Curriculum and Methods in						
	Secondary Education-----	3:00-3:50	MTWThF	M115	5	Staple	
Ed.90	1 Problems of the Teaching Profession-----	8:00-8:50	MWF	M115	3	Wheat	
Ed.90	2 Problems of the Teaching Profession-----	4:00-5:15	MW	M115	3	Wheat	
Ed.C.I.60	Storytelling-----	3:00-3:50	MW	M107	2	Culkin	
Ed.C.I.105	Audio-Visual Materials in Education-----	4:30-5:45	TTh	PE 144	3	Yells	
Ed.C.I.80	Methods Teaching Business Subjects-----	12:00-12:50	MWF	M113	3	Dettmann	
Ed.C.I.271	Problems in Curriculum Construction-----	Ar.			3	Johnson, Plumb	
Mu.Ed.51	Teaching of Music in the						
	Elementary School-----	4:30-5:45	MW	L 209	3	Damgaard	
Ed.Ad.167	The Junior High School-----	4:30-5:45	MW	L 111	3	Plumb	
Ed.Psy.120	Basic Principles of Measurement-----	9:00-11:30	S	M109	3	Johnson	
Ed.T.54A, 3	Directed Teaching in the						
	Elementary School-----	Ar.	MTWThF	Ar.	6-7	Staff	
Ed.T.77B,C	Directed Teaching in the						
	Kindergarten-Primary Grades-----	Ar.	MTWThF	Ar.	6-7	Staff	
Ed.T.97, 3,C	Directed Teaching in the						
	Secondary School-----	Ar.	MTWThF	Ar.	5	Loy and Staff	

Engineering		SPRING					
Draw.6	1 Engineering Drawing-----	10:30-1:20	MW	S328	3	Jackson	
		2 hrs. ar.	F				
Draw.6	2 Engineering Drawing-----	10:30-1:20	TTh	S328	3	Jackson	
		2 hrs. ar.	F				
Mech.26	Technical Mechanics-----	1:30-2:00	MTWThF	S403	5	Lindquist	
G.E.70	Slide Rule-----	1:30-2:20	MW	S236	1	Jackson	
Draw.6	3 Engineering Drawing-----	1:30-4:50	TTh	S328	3	Jackson	

English (Eng.)

SPRING

*4	Freshman Composition-----	12:00-12:50	MWF	M107	3	
*5	Freshman Composition-----	2:00-2:50	MWF	M309	3	
*6	1 Freshman Composition-----	8:00-8:50	MWF	M103	3	
*6	2 Freshman Composition-----	8:00-8:50	MWF	M107	3	
*6	3 Freshman Composition-----	8:00-8:50	MWF	M109	3	
*6	4 Freshman Composition-----	9:00-9:50	MWF	M107	3	
*6	5 Freshman Composition-----	9:00-9:50	MWF	M109	3	
*6	6 Freshman Composition-----	9:00-9:50	MWF	M309	3	
*6	7 Freshman Composition-----	10:00-10:50	MWF	M107	3	
*6	8 Freshman Composition-----	10:00-10:50	MWF	M109	3	
*6	9 Freshman Composition-----	10:30-11:20	MWF	S330	3	
*6	10 Freshman Composition-----	11:00-11:50	MWF	M107	3	
*6	11 Freshman Composition-----	11:00-11:50	MWF	M109	3	
*6	12 Freshman Composition-----	11:30-12:20	MWF	S401	3	
*6	13 Freshman Composition-----	12:00-12:50	MWF	M103	3	
*6	14 Freshman Composition-----	12:00-12:50	MWF	M109	3	
*6	15 Freshman Composition-----	1:00-1:50	MWF	M107	3	
*6	16 Freshman Composition-----	1:00-1:50	MWF	M109	3	
*6	17 Freshman Composition-----	2:00-2:50	MWF	M107	3	
*6	18 Freshman Composition-----	2:00-2:50	MWF	M109	3	
*6	19 Freshman Composition-----	3:00-3:50	MWF	M309	3	
*6	20 Freshman Composition-----	3:00-3:50	MWF	M109	3	
*23	Introduction to Literature-----	9:00-9:50	MTWThF	M103	5	Rosenthal
27	Advanced Writing-----	8:00-9:30	TTh	M109	3	
28	Advanced Writing-----	1:00-1:50	MWF	M216	3	Frogner
51	The English Novel-----	2:00-2:50	MWF	M115	3	Culkin
54	World Literature-----	2:00-2:50	MWF	M103	3	Tezla
56	Writing Poetry-----	10:00-11:30	TTh	M109	3	
57	Interpretation of Poetry-----	1:00-1:50	MWF	M103	3	Tezla
59	Shakespeare-----	10:00-10:50	MWF	M103	3	Rosenthal
62	Milton-----	10:00-11:20	TTh	M103	3	Rosenthal
78	American Novel-----	10:00-10:50	MWF	M309	3	Glick
83	Renaissance, Seventeenth and Eighteenth Century Drama-----	3:00-3:50	MWF	M209	3	Sturgeon
97	Independent Reading-----	Ar.				Staff
106	Whitman and Mark Twain-----	11:00-11:50	MWF	M103	3	Glick

Geography (Geog.)

SPRING

*12	1 Principles of Geography-----	9:00-9:50	MTWThF	M100	5	Belthuis
*12	2 Principles of Geography-----	1:00-1:50	MTWThF	M100	5	Vitzig
53	Historical Geography of North America-----	12:00-12:50	MWF	M100	3	Vitzig
67	Geography of Minnesota-----	11:00-11:50	MWF	M100	3	Belthuis
74	The Far East-----	8:00-8:50	MWF	M100	3	Belthuis
95	Problems in Political Geography-----	2:00-2:50	MWF	M100	3	Vitzig
107	Soviet Union-----	10:00-10:50	MWF	M100	3	Chamberlin
90	Special Problems-----	Ar.				1-3

Geology (Geol.)

SPRING

*2	General Historical Geology-----	12:30-1:20	MWF	S108	3	Heller
*B	1 Historical Geology Lab-----	8:30-10:20	TTh	S110	2	Heller
*B	2 Historical Geology Lab-----	1:30-3:20	TTh	S110	2	Heller
25	Rock Study-----	1:30-3:20	MW	S110	2	Lepp
55	Field Methods-----	1:30-3:20	F	S110	2	Lepp
65	Structural Geology-----	10:30-12:00	TTh	S108	3	Lepp
70	Sedimentation-----	8:30-9:20	MWF	S108	3	Heller

97	Petrography-----	4:30-6:20	T	S110	3
		8:30-11:20	S		
99	Geologic Problems-----	Ar.	Ar.	Ar.	Staff
*N.Sci.6	The Physical World-----	12:30-1:20	MTWThF	S200	3 Lepp

Health Education (He. Ed.) **SPRING**

*3	1 Personal Health-----	9:30-10:20	TTh	PE 136	2 Harrison
*3	2 Personal Health-----	1:30-2:20	TTh	PE 170	2 Peterson
5	First Aid and Safety-----	8:30-9:20	TTh	PE 170	1 Peterson
55	Advanced and Instructor's Course				
	First Aid and Safety-----	11:30-12:20	MWTF	PE 136	2 Graybeal
70	Supervision of Staff-----	12:30-1:20	TTh	PE 136	2 Graybeal

History (Hist.) **SPRING**

*3D	History of Western Civilization-----	9:00-9:50	MWF	M305	3 Cooke
6	English History-----	1:00-1:50	MWF	M305	3 Cooke
*21	American History (Sec. and Nat. Dev.)-----	9:00-9:50	MWF	M307	3 Lindquist
*22	1 American History (Modern America)-----	11:00-11:50	MWF	M307	3 Livingston
*22	2 American History (Modern America)-----	1:00-1:50	MWF	M307	3 Livingston
*22	3 American History (Modern America)-----	2:00-2:50	MWF	M307	3 Lindquist
55D	Renaissance and Reformation-----	11:00-11:50	MWF	M305	3 Cooke
66D	Twentieth Century Europe-----	9:30-10:45	TTh	M305	3 Cooke
85	American Economic and Social History				
	(Developments Since 1860)-----	10:00-11:00	MWF	M307	3 Lindquist
90D	Historical Method-----	9:00-9:50	MWF	M305	3 Livingston
95	American Diplomatic History-----	12:00-1:15	TTh	M305	3 Livingston
143D	American Diplomatic History-----	12:00-1:15	TTh	M305	3 Livingston
99D	Minnesota and the Northwest-----	9:00-11:50	S	M305	3 Lindquist
187D	Minnesota and the Northwest-----	9:00-11:50	S	M305	3 Lindquist

Home Economics (H. E.) **SPRING**

*3	Clothing Construction-majors-----	2:00-4:50	TTh	M313	3 Kraker
*31	Introduction to Nutrition-non majors-----	9:00-9:50	MWF	M310	3 Bouldin
*36	Child Care and Development-----	11:00-11:50	MW	M308	3 Palmer
		2 hrs. obs.	Ar.		
*41	Introduction to Foods-----	1:00-3:50	MW	M311	3 Bouldin
72	Meal Preparation and Service-----	11:00-11:50	MW	M311	5 Bouldin
		9:00-11:50	TTh		
80	Housing-----	10:00-10:50	MW	M313	3 Kraker
		10:00-11:50	F		
82	Family Relationships-----	9:00-9:50	MWF	M313	3 Palmer
Ed.T82A	Directed Teaching in Secondary				
	Schools-----	1:00-1:50	MTWThF	M311	5 Kraker
				M313	
Ed.T82B	Directed Teaching in Secondary Schools-----	Ar.	Ar.	Ar.	5 Palmer

Humanities (Hum.) **SPRING**

*3	1 Survey of the Arts-----	10:00-10:50	MWF	T33	2 Miller
*3	2 Survey of the Arts-----	11:00-11:50	MWF	T33	2 Miller

Industrial Education (Ind.) **SPRING**

*4	Upholstering-----	8:00-10:00	TTh	M11	2 Walton
*7	Building Construction, Drafting-----	8:00-10:00	MWF	M15	3 Kovach
*14	Crafts-----	10:00-12:00	MW	M11	2 Walton

30	Graphic Presentation-----	10:00-11:00	MWF	M15	3	Kovach
59	Design-----	10:00-11:00	TTh	M115	3	Walton
66	Related Subjects-----	12:00-1:00	TTh	M115	3	Kovach
101	Tests in Industrial Subjects-----	4:20-5:50	MW	M111	3	Kovach

Journalism (Jour.)

SPRING

15	Newspaper Reporting-----	12:00-12:50	MWF	M115	3	C. Anderson
----	--------------------------	-------------	-----	------	---	-------------

Mathematics (Math.)

SPRING

*A	1 Basic Mathematics-----	9:30-10:20	MWF	S330	3	Mancina
*A	2 Basic Mathematics-----	2:30-3:30	MWTh	S330	3	Elwell
*1	Higher Algebra-----	11:30-12:20	MTWThF	S330	5	Elwell
*7	College Algebra-----	10:30-11:20	MTWThF	S403	5	Mancina
*20	Mathematics of Investment-----	1:30-2:20	MTWThF	S401	5	Hafstrom
*30	1 Analytic Geometry-----	8:30-9:20	MTWThF	S401	5	Mancina
*30	2 Analytic Geometry-----	1:30-2:20	MTWThF	S330	5	Elwell
51	Calculus II-----	12:30-1:20	MTWThF	S403	5	Lindquist
52	Calculus III-----	9:30-10:20	MTWThF	S401	5	McEwen
80	Differential Equations-----	2:30-3:20	MWF	S403	3	Lindquist
89	Matrices-----	9:30-10:20	MWF	S403	3	Hafstrom
90	Introduction to Mathematical Statistics-----	11:30-12:20	MWF	S108	3	Hafstrom

Modern Languages

SPRING

*Fr.3	Beginning French-----	12:00-12:50	MTWThF	M111	5	Salz
Fr.6	French Prose Reading-----	11:00-11:50	MWF	M111	3	Nylander
Fr.72	Survey of French Literature-----	9:00-9:50	MWF	M111	3	Salz
*Ger.3	Beginning German-----	1:00-1:50	MTWThF	M111	5	Nylander
Ger.6	Prose and Poetry-----	10:00-10:50	MWF	Ar.	3	Nylander
Ger.72	Survey of German Literature-----	8:00-8:50	MWF	M111	3	Nylander
*Span.3	Beginning Spanish-----	10:00-10:50	MTWThF	M111	5	Salz

Music (Mu.)

SPRING

3	1 Basic Music Theory (Piano)-----	10:00-10:50	MWF	TA	3	vanAppledorn
3	2 Basic Music Theory-----	1:00-1:50	MWF	TA	3	vanAppledorn
6	1 Eye, Ear and Keyboard Training (piano)-----	10:00-10:50	TTh	TA	1	vanAppledorn
6	2 Eye, Ear and Keyboard Training-----	1:00-1:50	TTh	TA	1	vanAppledorn
9	Advanced Music Theory-----	8:00-8:50	MWTh	TA	3	Alspach
11	Elementary Voice-----	Ar.			1/2	Downs
12C	Applied Vocal Techniques-----	10:00-10:50	TTh	O-31	1	Downs
13	Elementary Piano-----	Ar.			1/2	Edson, Hess vanAppledorn
14C	Class Piano-----	2:00-2:50	TTh	O-12	1	vanAppledorn
15	Elementary Strings-----	Ar.			1/2	Smith, Swartley
16C	Applied String Techniques-----	2:00-2:50	TTh	OB-1	1	Smith
17	Elementary Woodwinds-----	Ar.			1/2	Beverly
18C	Applied Woodwind Techniques-----	2:00-2:50	TTh	TA	1	Beverly
19	Elementary Brass-----	Ar.			1/2	Callahan
20C	Applied Brass Techniques (Percussion)-----	2:00-2:50	TWTh	O-24	1	Callahan
*21	1 Introduction to Music-----	9:00-9:50	MWF	TA	3	Hess
*21	2 Introduction to Music-----	8:00-9:50	T	TA	3	Edson
*23	The Musical Experience-----	9:00-9:50	Th	TA	3	Hess
30	Intermediate Voice-----	2:00-2:50	MWF	O-33	3	Hess
31	Intermediate Piano-----	Ar.			1	Downs, Johnson Alspach, Edson Hess, vanA'dorn
32	Intermediate Strings-----	Ar.		O-23	1	Smith, Swartley
				O-13		

33	Intermediate Woodwinds- - - - -	Ar.		O-25	1	Beverly
34	Intermediate Brass- - - - -	Ar.		O-24	1	Callahan
*41	Orchestra- - - - -	7:00-9:00	Meve	TA	1	Alspach, Smith
		3:00-4:30	V	TA		
*42	Band- - - - -	3:00-4:30	TTh	TA	1	Callahan
*43	Chorus- - - - -	12:00-12:50	MWF	TA	1	Downs
*46	String Chamber Music- - - - -	Ar.		O-23	½	Smith
*47	Wind Chamber Music- - - - -	Ar.		O-25	½	Beverly
*48	Brass Chamber Music- - - - -	Ar.		O-24	½	Callahan
*49	Vocal Chamber Music- - - - -	12:00-12:50	TTh	OB-1	½	Downs
50	Advanced Voice- - - - -	Ar.				1-2 Downs, Johnson
51	Advanced Piano- - - - -	Ar.				1-2 Alspach, Edson Hess, vanA'dorn
52	Advanced Strings- - - - -	Ar.				1-2 Smith, Swartley
53	Advanced Woodwinds- - - - -	Ar.		O-25	1-2	Beverley
54	Advanced Brass- - - - -	Ar.		O-24	1-2	Callahan
55	Advanced Orchestra- - - - -	7:00-9:00	Meve	TA	1	Alspach, Smith
		3:00-4:30	W	TA		
56	Advanced Band- - - - -	3:00-4:30	TTh	TA	1	Callahan
57	Advanced Chorus- - - - -	12:00-12:50	MWF	TA	1	Downs
60	Early Music Ensemble- - - - -	Ar.			½	Hess
61	Music in the Elementary School - - - - -	9:00-10:20	TTh	OB-1	3	Alspach, Callahan
63	Piano Methods- - - - -	Ar.		O-12	2	vanAppledorn
66	History of Music- - - - -	11:00-11:50	MWF	TA	3	Edson
72	Advanced Conducting- - - - -	2:00-2:50	MWF	TA	2	Beverley
78	Instrumentation and Orchestration- - - - -	10:00-10:50	TTh	O-23	1	Smith
85	Recital- - - - -	Ar.			1	Staff
91	Studies in Style- - - - -	3:00-3:50	MW	O-33	1	Hess

Philosophy (Phil.)

SPRING

*3A	1 Ethics- - - - -	9:00-9:50	MYF	M320	3	Ehlers
*3A	2 Ethics- - - - -	1:00-1:50	MYF	M308	3	Ehlers
52	History of Philosophy (Modern)- - - - -	10:00-10:50	MTWThF	M308	5	Ehlers

Physical Education for Men (PE)

SPRING

*M1	1 Basic Physical Education- - - - -	9:30-10:40	TTh	PEA	1	Olson
*M1	2 Basic Physical Education- - - - -	2:30-3:20	TTh	PEA	1	Olson
M4C	Baseball Fundamentals (1st 6 wks)- - - - -	8:00-9:20	F	PEA	1	Gerlach
	(2nd 6 wks)- - - - -		WF			
M5B	Gymnastics and Apparatus- - - - -	8:00-9:20	TTh	PEW	3	Wells
M6C	Advanced Swimming (1st 6 wks)- - - - -	8:00-9:20	M	Pool	1	Gerlach
	(2nd 6 wks)- - - - -		M			
M12	Introduction to Physical Education- - - - -	9:30-10:20	MW	PE144	2	Peterson
*M14	1 Softball and Track (last 6 wks)- - - - -	3:30-4:20	MTWThF	PEG	1	Olson
*M14	2 Softball and Track (last 6 wks)- - - - -	1:30-2:20	MT' ThF	PEG	1	Olson
*M14	3 Softball and Track (last 6 wks)- - - - -	10:30-11:20	MTVThF	PEG	1	Olson
*M16C	Volleyball (1st 6 wks)- - - - -	11:30-12:30	MTWThF	PEA	1	Olson
*M18A	1 Beginning Swimming- - - - -	10:30-11:20	MV	Pool	1	Gerlach
*M18A	2 Beginning Swimming- - - - -	2:30-3:20	TTh	Pool	1	Gerlach
*M24C	Apparatus- - - - -	8:00-9:20	TTh	PEA	1	Wells
*M33B	Advanced Swimming- - - - -	8:00-9:20	TTh	Pool	1	Gerlach
M51	Mechanics of Movement- - - - -	10:30-11:45	TTh	PE145	3	Peterson
M63	Organization and Administration of Physical Education- - - - -	9:30-10:20	TTh	PE144	3	Peterson
		1 hr. ar.				
M68	Coaching Baseball, Track- - - - -	11:30-12:20	TTh	PE144	2	Gerlach
		(1 hr. ar.)				

(All first meetings of physical education activities will be in the Physical Education building.)

Physical Education for Men and Women (PE)

SPRING

8	Tennis and Golf	-----9:30-10:20	MWF	PEA	2	Rickert
9C	Elementary Modern Dance	-----8:00-8:50	MWF	PES	1	Diers
10C	Water Safety Instructor's Course	-----3:30-4:20	MW	Pool	1	VanSteinberg
*M17A & W17C	1 Archery	-----1:30-2:20	MWF	PEB	1	Gerlach
*M17A & W17C	2 Archery	-----2:30-3:20	MWF	PEB	1	Gerlach
*MW21A	Ballroom Dance	-----3:00-4:20	TTh	PEW	1	Diers
*MW22A	Modern Dance	-----8:00-8:50	MWF	PES	1	Diers
*MW31A	1 Tennis (2nd 6 wks)	-----11:30-12:20	MF	Cts.	1	Rickert
*MW31A	2 Tennis	-----4:30-5:20	MF	Cts.	1	Rickert
*MW31A	3 Tennis	-----1:30-2:40	TTh	PEW	1	J. Johnson
*MW31B	1 Golf	-----3:00-3:50 (1 hr. ar.)	M	PEB	1	Rickert
*MW31B	2 Golf	-----3:30-4:20 (1 hr. ar.)	W	PEB	1	Wells
*MW31B	3 Golf	-----3:30-4:20 (1 hr. ar.)	F	PEB	1	Wells
*MW31B	4 Golf	-----3:30-4:20 (1 hr. ar.)	T	PEB	1	Olson
*MW39	Advanced Folk Dance	-----3:30-4:40	TTh	PEW	1	Richards
*42	1 Rhythms for Elementary Grades	-----8:00-9:10	TTh	PEW	1	Richards
*42	2 Rhythms for Elementary Grades	-----3:00-4:10	MW	M10	1	Seagren
56	Introduction to Camping	-----1:30-2:20	TTh	PE136	2	Richards
59C	Advanced Folk and National Dance	-----3:30-4:40	TTh	PES	1	Richards
70	Principles of Recreation	-----3:30-4:45	TTh	PE145	3	Rickert
95	Test and Measurement of Physical Education	-----12:30-1:20	MWF	PE144	3	Wells

(All first meetings of physical education activities will be in the Physical Education Building)

Physical Education for Women (PE)

SPRING

V3C	Golf and Archery	-----8:00-9:10	TTh	PEW	1	Johnson
V4C	Softball-Volleyball	-----9:00-9:50	MWF	PEW	1	Johnson
W14C	Volleyball and Softball	-----8:00-8:50	MWF	PEW	1	Johnson
*V16C	Softball and Volleyball	-----9:00-9:50	MWF	PEW	1	Johnson
*V17C	Golf and Archery	-----1:30-2:20	MWF	PEW	1	Johnson
*V18A	Beginning Swimming	-----1:30-2:20	MW	Pool	1	VanSteinburg
*V18B	Intermediate Swimming	-----9:30-10:20	TTh	Pool	1	Johnson
*W24A	Body Mechanics	-----2:30-3:40	TTh	PES	1	Richards
*V33A	Life Saving	-----2:30-3:20	MW	Pool	1	VanSteinburg
*V33C	Instructor's Course in Swimming	-----3:30-4:20	MW	Pool	1	VanSteinburg
W51	Mechanics of Movement	-----9:00-9:50	MWF	PE136	3	Richards
W63	Organization and Administration of Physical Education	-----8:00-8:50	MWF	PE136	3	Graybeal

(All first meetings of physical education activities will be in the Physical Education building.)

Physics (Phys.)

SPRING

6	General Physics Lect.	-----10:30-11:20	MTWThF	S130	5	
9	General Physics Lect.	-----10:30-11:20	MTWThF	S130	5	
	1 Lab. for Phys. 6 and 9	-----11:30-1:20	W	S111		Olson
	2 Lab. for Phys. 6 and 9	-----2:30-4:20	F	S111		Olson
12	General Physics for Engineers	-----8:30-9:20	MTWThF	S130	5	Olson
*12A	General Physics	-----8:30-9:20	MTWThF	S130	5	Olson
	1 Lab. for Physics 12 and 12A	-----3:30-5:20	M	S111		Olson
	2 Lab. for Physics 12 and 12A	-----1:30-3:20	T	S111		Olson
13	General Physics	-----9:30-10:20	MTWThF	S130	5	Weinberg

13A	General Physics	-----9:30-10:20	MTWThF	S130	5	Weinberg
	1 Lab. for Phys. 13 and 13A	-----11:30-1:20	M	S111		Olson
	2 Lab. for Phys. 13 and 13A	-----10:30-12:20	T	S111		Olson
	3 Lab. for Phys. 13 and 13A	-----10:30-12:20	Th	S111		Olson
	4 Lab. for Phys. 13 and 13A	-----1:30-3:20	Th	S111		Weinberg
51	Intermediate General Physics Lect.	-----11:30-12:20	MTWThF	S130	4	Hanson
51A	1 Intermediate Physics Lab.	-----2:30-4:20	M	S127	1	Hanson
51A	2 Intermediate Physics Lab.	-----2:30-4:20	F	S127	1	Hanson
68	Mech., Elect. and Mag.	-----10:30-11:20	MWF	Ar.	3	Hanson
78	Physical Optics	-----12:30-1:20	MWF	S124	3	
92	Optics Lab.	-----1:30-5:20	T	S132	2	

Political Science (Pol.)

SPRING

*1	American National Government	-----8:00-9:15	TTh	M209	3	Wolff
*3	1 American Municipal Government	-----8:00-8:50	MWTF	M309	3	Davidson
*3	2 American Municipal Government	-----12:00-12:50	MWF	M209	3	Davidson
C	Comparative European Governments	-----10:00-10:50	MWF	M209	3	Wolff
25	International Relations	-----9:00-9:50	MWTF	M209	3	vonGlahn
51	Government and Conservation	-----1:00-1:50	MWTF	M209	3	Wolff
55	Legislation	-----9:00-10:15	TTh	M309	3	Davidson
63	Public Administration III	-----10:00-10:50	MWF	M305	3	Davidson
67	Political Parties and Public Opinion	-----11:00-11:50	MWTF	M309	3	Wolff
83	International Law III	-----1:00-1:50	MWTF	M309	3	vonGlahn
99	Honors Course	-----Ar.				
162	Recent Political Thought	-----8:00-8:50	MWF	M209	3	vonGlahn
166	Development of Political Thought:					
	Early Modern	-----11:00-11:50	MWF	M209	3	vonGlahn

Psychology (Psy.)

SPRING

Per.Or.1	How to Study	-----9:00-9:50	TTh	M310	2	Mohr
*Per.Or.6	Human Development and Adjustment	-----2:00-2:50	MTWThF	M310	5	Hansen
Per.Or.11	Choosing a Vocation	-----1:00-1:50	TTh	M310	2	Apostolakos
*Psy.1-2	General Psychology	-----10:00-10:50	MTWThFS	M310	6	Apostolakos
*2	General Psychology	-----11:00-11:50	MWTF	M310	3	Hansen
5	Elementary Experimental Psychology	-----10:00-11:50	TTh	M320	2	Mohr
58	Elementary Statistical Methods	-----1:00-1:50	MTWThF	M320	5	Mohr
73	Vocational Psychology	-----11:00-11:50	MWTF	M320	3	Apostolakos
		-----12:00-12:50	F			
89	Psychology of Learning	-----10:00-10:50	MWF	M320	3	Mohr
92	Abnormal Psychology	-----2:00-2:50	MWTF	M320	3	Bonte
97	Individual Intelligence Testing	-----8:00-8:50	MTWThF	M320	5	Hansen

Sociology (Soc.)

SPRING

*1	Introduction to Sociology	-----10:00-10:50	MTWThF	M207	5	Kroeger
2	Intermediate Sociology	-----9:00-9:50	MTWThF	M207	5	Pearson
49	Social Problems	-----1:00-1:50	MWF	M207	3	Pearson
58	See Psych. 58					
71	Social Mobility	-----11:00-11:50	MWTF	M207	3	Kroeger
82	Rural Community Organization	-----8:00-8:50	MWTF	M207	3	Pearson
91	Theories of Social Order	-----2:00-2:50	MWTF	M207	3	Kroeger

Speech (Spch.)

SPRING

*1	Fundamentals of Speech	-----8:00-8:50	MWTF	M216	3	Pierce
*2	Fundamentals of Speech	-----9:00-9:50	MWF	M216	3	Hicks
*3	1 Fundamentals of Speech	-----10:00-10:50	MWF	M216	3	Hicks
*3	2 Fundamentals of Speech	-----9:30-11:00	TTh	M216	3	Hayes

65	Introduction to Radio- - - - -	2:00-2:50	MWF	M216	3	Hicks
72	Stage Lighting and Costuming- - - - -	1:00-2:30	TTh	M216	3	Hayes
76	History of the Theatre- - - - -	2:00-2:50	MWF	M305	3	Hayes
81	Oral Interpretation- - - - -	11:00-11:50	MWF	M216	3	Hicks
87	Speech Pathology- - - - -	8:00-9:30	TTh	M216	3	Pierce
88	Audiometry and Hearing Rehabilitation- - - - -	9:00-9:50	MWF	M5	3	Pierce
91	Clinical Practice in Speech Correction- - - - -	3:00-3:50	MWF	M5		Ar. Pierce

Calendar

WINTER QUARTER

February 14-18	Monday - Friday	Advisement period for students in residence
February 21-27		University of Minnesota week
February 22	Tuesday	Washington's Birthday; holiday
February 21, 23		Spring Quarter registration for students in residence
March 12, 14-18		Final Examinations
March 17	Thursday	Last day for payment of fees without penalty, students in residence
March 19	Saturday	Winter Quarter closes

SPRING QUARTER

March 24	Thursday	Registration for new students for Spring Quarter
March 25	Friday	Last day for payment of fees without penalty, new students
March 28	Monday	Spring Quarter classes begin
April 1	Friday	Last day for registration and payment of fees for the Graduate School and for teachers in service
April 8	Friday	Good Friday; holiday
May 30	Monday	Memorial Day; holiday
June 2	Thursday	Honor Convocation
June 4, 6-10		Final examinations
June 5	Sunday	Baccalaureate Service, 8 p.m.
June 10	Friday	Commencement, 8 p.m.
June 11	Saturday	Spring Quarter closes

FIRST TERM SUMMER SESSION

June 13	Monday	Registration for all summer session students
June 14	Tuesday	First term classes begin; fees due
July 4	Monday	Independence Day; holiday
July 16	Saturday	First term closes

SECOND TERM SUMMER SESSION

July 18	Monday	Registration for all summer session students fees due
July 19	Tuesday	Second term classes begin
August 18	Thursday	Commencement, 8:00 p.m.
August 20	Saturday	Second term closes

end