

*The Bulletin of the*  
UNIVERSITY of MINNESOTA

Duluth Branch—Class Schedule  
Spring Quarter, 1952

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## REGISTRATION, SPRING QUARTER 1952

**Hours:** 8:30 a.m. to 12:00 noon, and 1:00 p.m. to 4:00 p.m.

**Dates:** February 18-25

Advisement period for students in residence. Each student will have a program conference with his adviser. Appointment for such conferences should be made prior to February 18.

Tuesday, February 26

Completion of registration for students in residence. Class cards to be obtained, fees paid, etc. Class cards may also be obtained on Wednesday, February 27 from 8:30 a.m. to 12:00 noon.

Friday, February 29

Last day for completion of registration for students in residence.

Wednesday, March 5

Last day for payment of fees until March 28—the last day on which fees may be paid without penalty (fee payments will not be accepted between March 6 and March 27).

Friday, March 28

Registration for all new students. Last day for registration and payment of fees without penalty.

Monday, March 31

Classes begin.

### IMPORTANT NOTICES

**Advisers:** All students have been assigned to advisers. Any student requiring assignment or reassignment should report to the Student Personnel Office, Room 215, Main. Any change of majors or advisers must be made through the Student Personnel Office where a permanent advisory record card is maintained for each student. New students must have their adviser sign their advisory record card.

**General Education Development Tests:** In order to receive credit these tests must be taken within two weeks after entering.

**Payment of Fees:** Spring quarter fees are due for all students at the time of registration. Fees for students in residence may be paid during the period from February 26 to March 5. Fees will not be accepted during the period from March 6 to March 27. The final date for payment of fees without penalty is March 28. The extra fee for late payment is \$2 through the third day of classes. On the fourth day the fee is \$2.50. It then increases at the rate of 50 cents per day to a maximum of \$5.

**The University** reserves the right to balance sections and to cancel courses in which not enough students are enrolled.

**Course Load:** Minimum: 12 quarter hours  
Maximum: 17 quarter hours

**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 on or before the April 11 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 11. Students desiring to drop courses are to do so on or before May 2. Drop-add procedure is initiated by the student in Room 213, Main, Student Personnel Office.

**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.

**Physical Examinations:** New students, freshmen and transfers will be required to make an appointment for their physical examination before obtaining registration materials. To make such an appointment report to the Health Service office in Washburn Hall.

**Change of Address:** It is the responsibility of students to keep the Student Personnel Office informed of any change in temporary or permanent addresses.

**Student Housing Regulations:** Students not living at home must reside in university-approved dwellings, which should be selected from a list on file in the Student Personnel Office. The housing regulations which have been included in the registration materials apply to all off-campus facilities occupied by nonresident students. Questions regarding housing should be referred to the Office of Student Personnel Services, Room 215, Main.

**Class Period Schedule:** In arranging their class programs, students should observe the following schedule. (Classes in the Science Building are scheduled on the half hour; those on the other campus are scheduled on the hour.)

#### CLASS PERIOD SCHEDULE

Period	Main, Olcott, and Tweed	Science Building
I	8:00- 8:50	8:30- 9:20
II	9:00- 9:50	9:30-10:20
III	10:00-10:50	10:30-11:20
IV	11:00-11:50	11:30-12:20
V	12:00-12:50	12:30- 1:20
VI	1:00- 1:50	1:30- 2:20
VII	2:00- 2:50	2:30- 3:20
VIII	3:00- 3:50	3:30- 4:20
IX	4:00- 4:50	4:30- 5:20

#### PROCEDURE

- Step 1.** Room 213. Present activity card or winter quarter fee statement for registration materials. Print on all cards. **Use ink.**
- Step 2.** Major adviser. Have a program conference with your faculty adviser during the period from February 18-25 and have your program approved.
- Step 3.** Second Floor Main. (Tuesday, February 26, 8:30 a.m.-4:00 p.m. and Wednesday, February 27, 8:30 a.m.-12:00 only.) Obtain class cards. Complete the green Business Office card. **Use ball point pen or a pencil in printing class cards.**
- Step 4. (Veterans only.)** Room 118. Check necessary details with Veterans Administration representatives.
- Step 5.** Have your class cards checked and tallied at the tally desk in Room 205.
- Step 6.** Room 213, Student Personnel Office. Obtain fee statement.
- Step 7.** Room 118, Business Office. Pay tuition and fees.

1952

## SPRING QUARTER CLASS SCHEDULE

### DIVISION OF EDUCATIONAL PSYCHOLOGY

#### EDUCATION

- 48 Orientation to Teaching, V-VI Th, M-113 (1) Plumb  
61A-81A School and Society, I MTWThF, M-308 (5) Staff  
61B Educational Psychology, II MTWTh, M-310 (4) Johnson  
61C Curriculum and Methods in Elementary Education, VI MWF, M-113 and II MTWThF, Lab School (5) H C Johnson  
81B Educational Psychology, II MTWThF, M-308 (5) Wheat  
81C Curriculum and Methods in Secondary Education, III MTWThF, M-308 (5) Wheat  
90 Problems of the Teaching Profession  
—1, I MWF, M-115 (3) Wheat  
—2, IX-X MW, M-113 (3) Wheat  
Art62 Art in Secondary Education, I MWF, Tweed (3) A Smith  
Ed.Mu.51 Teaching Music in the Elementary School, IX-X (3:45-5:00) MW, L-49 (3) Johnson  
C.I.60 Storytelling, VIII MW, M-113 (2) Culkin  
C.I.61 Teaching Social Studies in the Elementary School, IV MWF, M-113 (3) Staple  
C.I.64 Teaching the Language Arts in the Elementary School, VII MTWThF, M-113 (5) Green  
C.I.65 Teaching Science in the Elementary School, IX (4:00-5:10) MWTh, L-42 (3) Verrill  
C.I.66 Audio-Visual Aids in Teaching, I MWF, M-113 (3) Porter  
C.I.74 Speech Correction for the Teacher, I (7:45-9:00) TTh, M-113 (3) Pierce  
C.I.80 Methods of Teaching Business Subjects, V TTh and 1 hr ar, M-302 (3) Dettmann  
C.I.89 Teaching Social Studies in the Secondary Schools, VIII MWF, M-308 (3) Staple  
C.I.117\* Rural Education for Administrators and Teachers, II-IV (9:00-11:30) S, L-31 (3) King  
C.I.149\* Teaching and Supervision of Arithmetic in the Elementary School, II-IV S, M-308 (3) H C Johnson  
Ed.Psy.133\* Basic Principles of Student Personnel Work, IX-X WF, M-109 (3) Plumb  
P.E.55 The Teaching of Physical Education Activities, Ar, M-106 (2) Graybeal  
T54A-B Directed Teaching in the Elementary School, Ar MTWThF (cr ar) Staff  
T77B-C Directed Teaching in the Kindergarten-Primary Grades, Ar MTWThF (6 or 7) Staff  
T82A-B Directed Teaching in the Secondary Schools, Ar MTWThF (5) Staff

#### HEALTH EDUCATION

- 3 Personal Health  
—1, II TTh, M-207 (2) Harrison  
—2, V TTh, M-209 (2) Peterson  
5 First Aid, II TTh, M-113 (1) Peterson  
55 Instructors Course in First Aid and Safety, III MWF, M-113 (2) Graybeal  
70 Supervision of the Staff, V TTh, M-109 (2) Graybeal

#### HOME ECONOMICS

- 3 Clothing Construction (non-majors), VI-IX TTh, M-313 (3)  
4 Advanced Clothing Construction and Design, VII-IX MWF, M-313 (3) Kraker  
5 Selection and Care of Clothing (non-majors), II MW, M-313 (2) Kraker  
32 Introduction to Nutrition, II MWF, M-320 (3) Tarulli  
36 Child Care and Development, V MWF, M-310 (3)  
72 Food Selection and Preparation, VI MWF, M-310 and VI-IX TTh, M-311 (5) Tarulli  
73 Family Nutrition, IV MWF, M-308 (3) Tarulli  
80 Housing, V-VI M and V WF, M-313 (3) Kraker

\* Can be used for graduate credit.

- T82A Directed Teaching, VI MW, M-311 (5)  
 T82B Directed Teaching, Ar (5) Palmer  
 89 Seminar, Ar, Palmer and others

## INDUSTRIAL EDUCATION

- 2 Machine Woodwork, III-IV MWF, Shop (3) Kovach  
 7 Building Construction, Drafting, I-II MWF, M-15 (3) Kovach  
 19 Art Metal Work, VII-VIII MWF, M-2 (3) Voss  
 58 Tools and Materials, VI-VII TTh, M-2 (2) Kovach  
 59 Design, III TTh, M-15 (2) Voss  
 66 Related Subjects, IX-X T, M-15 (2) Kovach  
 81 Tests in Industrial Subjects, IX-X MW, M-15 (3) Voss

## PHYSICAL EDUCATION

- M1,2 Softball and Track, VI TTh, Gym (1) Gerlach  
 M1,2 Gymnastics, II TTh, Gym (1) Wells  
 MW1,2 Tennis  
 -1, III MWF, Gym (1) Rickert  
 -2, IV MWF, Gym (1) Rickert  
 -3, IX MWF, Gym (1) Rickert  
 MW1,2 Bowling  
 -1, VI-VII M, Pioneer (1) Peterson  
 -2, VII-VIII W, Pioneer (1) Peterson  
 MW1,2 Archery and Recreational Games, V MW, Gym (1) Gerlach  
 MW1,2 Folk Dance, VIII TTh, Gym (1) McDonald  
 MW1,2 Golf  
 -1, V M, Gym (1) Wells  
 -2, I F, Gym (1) Wells  
 -3, IX T, Gym (1) Rickert  
 -4, IX Th, Gym (1) Wells  
 W1 Body Mechanics, IV Th and ar, Gym (1) Graybeal  
 W1 Modern Dance, I TTh, Gym (1) McDonald  
 W1 Softball and Track, I MW, Gym (1) Abbott  
 W2 Softball and Track, VI WF, Gym (1) Abbott  
 W1 Swimming, VII (2:30) Th, YWCA (1) Abbott  
 W2 Swimming, VIII (3:30) Th, YWCA (1) Abbott  
 M4C Baseball Fundamentals and Track, III MWF, Grounds (1) Gerlach  
 M5B Gymnastics, II TTh, Gym (1) Wells  
 MW8 Golf and Tennis, II MWF, Gym (2) Abbott, Wells  
 M66C Officiating Spring Sports, III TTh, M-113 (2) Staff  
 M69 Coaching Baseball, IV TTh, M-113 (2) Gerlach  
 W3C Golf and Archery, VI MW, Gym (1) Wells  
 W4C Spring Team Sports, I MW, Gym (1) Abbott  
 W9C Elementary Modern Dance, I TTh, Gym (1) McDonald  
 W10C Aquatics and Water Safety, VIII (3:30) Th, YWCA (1) Abbott  
 W14C Volleyball and Softball Officiating, VI W, M-302 and VI F, Gym (1) Abbott  
 P.E.55 Teaching Physical Education, Ar, M-106 (2) Graybeal  
 W59C Advanced Folk and National Dance, IX MW, Gym (1) McDonald  
 9A Folk Dance, VIII TTh, Gym (1) McDonald  
 32 Introduction to Physical Education, VII TTh, M-308 (2) Peterson  
 42 Folk Dance and Singing Games, VIII MW, Gym (1) McDonald  
 51 Mechanics of Movement, III MWF, M-15 (3) Peterson  
 56 Introduction to Camping  
 -1, V MW, M-320 (2) Abbott  
 -2, VIII-IX T, M-113 (2) Abbott  
 63 Administration and Organization of Physical Education, I-II (7:40-9:00) TTh, M-109 (3) Rickert  
 70 Principles of Recreation, III TThS, M-211 (3) Rickert  
 79 Dance as an Art Form, V TTh, Gym (2) McDonald  
 92 Supervision of Physical Education, V MWF, M-308 (3) Graybeal  
 95 Tests and Measurements in Physical Education, VIII TTh, M-308 (2) Wells

## PSYCHOLOGY

- 2 General Psychology, VII MWF, M-310 (3) Bonte
- 3 Applied Psychology, I MWF, M-310 (3) Johnson
- 5 Experimental Psychology, I-II TTh, M-320 (2) Hansen
- 6 Development and Adjustment, III MTWThF, M-310 (5) Hansen
- 10 How to Study, Ar TTh, M-320 (2) Johnson
- 58 Statistics, III MTWThF, M-320 (5) Apostolakos
- 73 Vocational Psychology, IV MWF and V F, M-320 (3) Apostolakos
- 80 Child Psychology, II MWF, Ar (3) Hansen
- 59 Learning and Conditioning, VI MWF, M-320 (3) Hansen
- 97 Individual Intelligence Test, I MTWThF, M-320 (5) Apostolakos
- Ed.61B Educational Psychology, II MTWTh, M-310 (4) Johnson

## DIVISION OF HUMANITIES

## ART

- 4 Art Today
  - 1, II MWF, T-33 (3) Triplett
  - 2, VI MWF, T-33 (3) St George
  - 3, VII MWF, T-33 (3) St George
- 5 Introduction to Art, II-III MWF, T-34 (3) Stark
- 6 Drawing and Painting, I-IV TTh, T-22 (3) Stark
- 23 Lettering and Color, VI-VII MWF, T-32 (3) Stueland
- 25 Renaissance History, VI-VII (1:00-2:30) TTh, T-33 (3) St George
- 38 Ceramics 2, I-II MWF, TB-1 (3) Stueland
- 59 Design 3, I-III TTh, T-32 (3) Triplett
- 62 Art in Secondary Education, I MWF, T-26 (3) A Smith
- 67 Watercolor 2, VII-VIII MWF, T-22 (3) A Smith
- 76 Print Processes, VI-VIII TTh, T-35 (3) Stueland
- 80 General Craft, III-IV MWF, T-24 (3) Stueland
- 89 Interior Design, II-IV TTh, T-32 (3) St George
- 92 Special Problems in Art Education, Ar (3) Staff
- 96 Advanced Problems in Drawing, Painting or Print Processes, Ar (3) Staff
- 97 Advanced Problems in Sculpture, Ar (3) Staff
- 98 Advanced Problems in Ceramics, Ar (3) Staff
- 99 Advanced Problems in Design, Ar (3) Staff

## ENGLISH

- 4 Freshman Composition, VI MWF, M-109 (3)
- 5 Freshman Composition, V MWF, M-309 (3)
- 6 Freshman Composition
  - 1, I MWF, M-107 (3)
  - 2, I MWF, M-109 (3)
  - 3, II MWF, M-107 (3)
  - 4, II MWF, M-309 (3)
  - 5, II MWF, M-109 (3)
  - 6, III MWF, M-107 (3)
  - 7, III MWF, S-403 (3)
  - 8, IV MWF, M-309 (3)
  - 9, IV MWF, M-107 (3)
  - 11, V MWF, M-109 (3)
  - 12, V MWF, M-103 (3)
  - 13, VI MWF, M-103 (3)
  - 14, VII MWF, M-309 (3)
- 23 Introduction to Literature, II MTWThF, M-103 (5) Rosenthal
- 28 Advanced Writing, IV MWF, M-109 (3) Banks
- 54 World Literature, VI MWF, M-107 (3) Tezla
- 57 Interpretation of Poetry, VII MWF, M-107 (3) Tezla
- 59 Shakespeare, III MWF, M-103 (3) Rosenthal
- 65 Introduction to Modern English, VII MWF, M-109 (3) Frogner

## CLASS SCHEDULE

7

- 76 Hawthorne and Melville, III MWF, M-109 (3) Banks
- 82 Classical Drama, IV MWF, M-103 (3) Bock
- 97 Independent Reading, Ar (3)
- 20 School Publications, V MWF, M-107 (3) Anderson

### FINE ARTS

- 3 Survey of the Arts
  - 1, III MWF, T-33 (2) Miller
  - 2, IV MWF, T-33 (2) Miller

### MODERN LANGUAGES

- Fr.3 Beginning French, V MTWThF, M-211 (5) Salz
- Fr.6 French Prose Reading, IV MWF, M-211 (3) Nylander
- Fr.78d Modern French Literature, VIII MWF, M-211 (3) Salz
- Ger.3 Beginning German, II MTWThF, M-211 (5) Nylander
- Ger.6 Prose and Poetry, III MWF, M-211 (3) Nylander
- Ger.52d German Composition and Conversation, I MWF, M-211 (3) Nylander
- Span.3 Beginning Spanish, III MTWThF, M-309 (5) Salz
- Span.6 Advanced Spanish Prose, VII MWF, M-211 (3) Salz
- Swed.9 Beginning Swedish, VI MTWThF, M-211 (5) Nylander

### MUSIC

- 3 Basic Theory, VI MWF, TB-3 (3) van Appledorn
- 6 Eye and Ear Training, VI TTh, TB-3 (1) van Appledorn
- 9 Advanced Theory, I MWF, TB-3 (3) van Appledorn
- 11 Voice, Ar (½, 1) Downs, Johnson
- 12 Voice Class, III TTh, O-33 (1) Downs
- 13 Piano, Ar (½, 1) Alspach, Edson, Malmberg, Hess, van Appledorn
- 15 Strings, Ar (½, 1) Smith, Swartley
- 16 String Class, VII TWTh, O-23 (1) Smith
- 17 Woodwinds, Ar, O-34 (½, 1) Beverley
- 18 Woodwind Class, VII TWTh, O-34 (1) Beverley
- 19 Brass, Ar
- 21 Introduction to Music
  - 1, II MWF, TB-3 (3) Hess
  - 2, VII MWF, TB-3 (3) Hess
- 23 The Musical Experience, III MWF, TB-3 (3) Edson
- 40 Organ, Ar (1-2)
- 41 Orchestra, VIII W and evening M, Aud (½) Alspach, Smith
- 42 Band, VIII TTh, Aud (½) Beverley
- 43 Chorus, V MWF, Aud (½) Downs
- 44 Men's Glee Club, V TTh, OB-1 (½) Hess
- 45 Women's Glee Club, V TTh, TB-3 (½) Downs
- 46 String Chamber Music, Ar, O-23 (½) Smith
- 47 Wind Chamber Music, Ar, O-34 (½) Beverley
- 50 Advanced Voice, Ar (1, 2) Downs, Johnson
- 51 Advanced Piano, Ar (1, 2) Alspach, Edson, Malmberg, van Appledorn
- 52 Advanced Strings, Ar (1, 2) Smith, Swartley
- 53 Advanced Woodwinds, Ar, O-34 (1, 2) Beverley
- 54 Advanced Brass, Ar (1, 2)
- 55 Advanced Orchestra, VIII W and evening M, Aud (½) Alspach, Smith
- 56 Advanced Band, VIII TTh, Aud (½) Beverley
- 57 Advanced Chorus, V MWF, Aud (½) Downs
- 58 Advanced Men's Glee Club, V TTh, OB-1 (½) Hess
- 59 Advanced Women's Glee Club, V TTh, TB-3 (½) Downs
- 66 History of Music, IV MWF, TB-3 (3) Edson
- 72 Advanced Conducting, VII MWF, Aud (2) Beverley
- 77 Composition, II TTh, T-33 (2) Alspach
- 85 Recital, Ar (½) Staff
- 91 Studies in Style, I TTh, TB-3 (1) Hess

## PHILOSOPHY

- 3A Ethics  
 —1, I MWF, M-309 (3) Ehlers  
 —2, VI MWF, M-309 (3) Ehlers  
 55 Philosophy of Science, VI-VII (1:00-2:30) TTh, M-309 (3) Ehlers  
 73 Comparative Philosophy, II MWF, M-113 (3) Ehlers

## SPEECH

- 1 Fundamentals of Speech, VI MWF, M-207 (3) Hicks  
 2 Fundamentals of Speech, II MWF, M-216 (3) Hicks  
 3 Fundamentals of Speech  
 —1, III MWF, M-216 (3) Hicks  
 —2, II-III (9:30-11:00) TTh, M-107 (3) Hayes  
 53 Persuasion, V MWF, M-216 (3) Hicks  
 75 Advanced Stage Direction, VI MWF, M-216 (3) Hayes  
 77 Advanced Theater Production, I MWF, M-216 (3) Hayes  
 78 Advanced Acting, VII MWF, M-216 (3) Hayes  
 86 Correction of Speech Disorders, II-III (9:30-11:00) TTh, M-216 (3) Pierce  
 88 Audiometry, Ar (3) Pierce  
 91 Clinical Practice in Speech Correction, VIII MWF, M-216 (cr ar) Pierce

## DIVISION OF SCIENCE AND MATHEMATICS

## BIOLOGY

- Bact.53 General Bacteriology  
 Lect IV MWF, S-235 (5) Heino  
 Lab VI-VIII TTh, S-221, Heino  
 Bot.3 General Botany  
 Lect III TTh, S-236 (4) Lakela  
 —1, Lab III-IV MW, S-211, Lakela  
 —2, Lab I-II TTh, S-211, Fenwick  
 —3, Lab VI-VII TTh, S-211, Fenwick  
 Bot.4Fo Dendrology, IV-V MWF, S-207 (4) Darland  
 Bot.20DH Household Microbiology, VII-VIII MWF, S-221 (3) Heino  
 Bot.52 Elementary Taxonomy, VII-IX MW, S-212 (3) Lakela  
 Bot.53 Introductory Plant Anatomy, I-II MWF, S-207 (3) Fenwick  
 Nat.Sci.9 General Biology  
 —1, II MTWThF, S-235 (4) Keith, Darland  
 —2, V MTWThF, S-235 (4) Keith, Darland  
 Zool.3 General Zoology  
 —1, Lect IV MW, S-236 (4) Odlaug  
 —2, Lect VI MW, S-236 (4) Odlaug  
 —1, Lab VI-VII MW, S-217, Hofslund  
 —2, Lab VIII-IX MW, S-217, Gerberich  
 —3, Lab I-II TTh, S-217, Gerberich  
 —4, Lab VI-VII TTh, S-217, Hofslund  
 Zool.50 Introduction to General Physiology  
 Lect III MWF, S-236 (5) Odlaug  
 Lab I-III TTh, S-221, Odlaug  
 Zool.56 Aquatic Entomology, VII-IX TTh, S-228 (3) Gerberich  
 Zool.57 Ornithology, I-III TTh, S-228 (3) Hofslund  
 Zool.82 Organic Evolution, VI MWF, S-235 (3) Keith

## CHEMISTRY

- Anal.Chem.2 Quantitative Analysis  
 Lect II MWF, S-402 (5) Wagner  
 Lab VI-IX TTh, S-316, Wagner  
 Inorg.Chem.8 General Inorganic Chemistry, I MTWTh, S-130 (4) Cothran

- Inorg.Chem.12 Semimicro Qualitative Analysis  
 —1, Lect IV MTWTh, S-200 (5) Fayle  
 —2, Lect V MTWTh, S-200 (5) Fayle  
 —1, Lab I-IV MW, S-301, Staff  
 —2, Lab VI-IX MW, S-301, Staff  
 —3, Lab I-IV TTh, S-301, Staff  
 —4, Lab VI-IX TTh, S-301, Staff  
 —5, Lab I-IV F, S-301, Staff
- Inorg.Chem.51 History and Philosophy of Chemistry, III TTh, S-320 (2) Kupka
- Org.Chem.90 Organic Chemistry  
 Lect V MTWTh, S-402 (5) Passer  
 Lab VI-IX MW, S-312, Wagner  
 Lab Rec VI MW, S-402, Wagner
- Org.Chem.93 Organic Chemistry  
 Lect IV MTWTh, S-402 (5) Passer  
 Lab VI-IX TTh, S-312, Passer  
 Lab Rec VI TTh, S-402, Passer
- Phys.Chem.10 Glassblowing and Laboratory Methods, VII-IX MW, S-320 (2) Kupka
- Phys.Chem.94 Physical Chemistry  
 Lect II MTWTh, S-320 (5) Cothran  
 Lab VII-IX TTh, S-320, Kupka

## ENGINEERING

- Draw.3 Descriptive Geometry  
 —1, II-IV TTh and I-II F, S-328 (3) Raley  
 —2, VII-IX TTh and VI-VII F, S-328 (3) Raley
- Draw.23 Structural Detailing, VI-VIII TTh, S-330 (2) Jackson
- C.E.13 Surveying, VI-IX WF, S-330 (3) Jackson
- M.E.13 Metal Processing, VII-IX T and VII-VIII Th, M-2 (2) Voss
- E.E.15 Elements of Electrical Engineering, IV TWF, S-108 (3) Raley
- E.E.16 Elements of Electrical Engineering, Lab VI-IX W, S-127 (2) Raley
- Mech.26 Technical Mechanics, II MTWThF, S-330 (5) Jackson

## MATHEMATICS

- A Basic Mathematics  
 —1, I MWF, S-403 (3) Jackson  
 —2, VII MWF, S-401 (3) Vivian
- 1 Higher Algebra, VI MTWThF, S-403 (5) Vivian
- 6 Trigonometry, IV MTWThF, S-401 (5) Vivian
- 7 College Algebra, II MTWThF, S-403 (5) Elwell
- 20 Mathematics of Investment, VI MTWThF, S-401 (5) McEwen
- 30 Analytic Geometry  
 —1, I MTWThF, S-401 (5) Elwell  
 —2, III MTWThF, S-401 (5) Elwell
- 51 Calculus 2, V MTWThF, S-403 (5) C Lindquist
- 52 Calculus 3, II MTWThF, S-401 (5) McEwen
- 63 Advanced Theory of Equations, IV MWF, S-403 (3) C Lindquist
- 80 Differential Equations, V MWF, S-401 (3) McEwen
- 81 Partial Differential Equations, III MWF, S-110 (3) C Lindquist

## PHYSICS

- 3A Introduction to Physical Science  
 Lect II MWF, S-130 (4) Turcotte  
 —1, Lab III-IV T, S-111, Turcotte  
 —2, Lab III-IV W, S-111, Turcotte

- 6 General Physics  
 Lect IV MTWThF, S-130 (5) Kohnke  
 —1, Lab VI-VII M, S-111, Turcotte  
 —2, Lab VI-VII T, S-111, Turcotte  
 —3, Lab VI-VII W, S-111, Turcotte  
 —4, Lab I-II Th, S-111, Turcotte  
 —5, Lab VI-VII Th, S-111, Turcotte
- 9 General Physics  
 Lect III MTWThF, S-130 (5) Hanson  
 —1, Lab VI-VII M, S-111, Turcotte  
 —2, Lab VI-VII T, S-111, Turcotte  
 —3, Lab VI-VII W, S-111, Turcotte  
 —4, Lab I-II Th, S-111, Turcotte  
 —5, Lab VI-VII Th, S-111, Turcotte
- 51 Intermediate Thermodynamics  
 Lect V MWF, S-108 (5) Hanson  
 Lab VI-IX W, S-110, Kohnke
- 61 Modern Physics, I MWF, S-108 (3) Hanson
- 69 Electricity and Magnetism  
 Lect III MWF, S-110 (5) Kohnke  
 Lab VI-IX T, S-124, Kohnke

## DIVISION OF SOCIAL STUDIES

### BUSINESS AND ECONOMICS

- 3D Principles of Economics, III MTWThF, M-303 (5) Sielaff
- 11D Typewriting, VIII MTWThF, M-301 (1) Gedstad
- 13D Typewriting  
 —1, I MTWThF, M-301 (1) Gedstad  
 —2, VI MTWThF, M-301 (1) Gedstad
- 16D Elementary Shorthand  
 —1, II MTWThF, M-301 (3) Gedstad  
 —2, VII MTWThF, M-301 (3) Gedstad
- 19D Advanced Shorthand and Secretarial Practice, III MTWThF, M-301 (3) Gedstad
- 33D Principles of Accounting  
 —1, I-II TTh, M-302 (3) Dettmann  
 —2, VI-VII TTh, M-302 (3) Dettmann
- 41D Elements of Statistics  
 —1, III MTWThF, M-207 (5) Pinola  
 —2, V MTWThF, M-303 (5) Pinola  
 —3, VI MTWThF, M-303 (5) Pinola
- 53D Business Law, I MWF, M-303 (3) Clure
- 57D Retail Store Management, II MWF, M-303 (3) Sielaff
- 71D Analysis of Financial Statements, V MWF, M-302 (3) Dettmann
- 87D Business Cycles  
 —1, III MWF, M-302 (3) Meyers  
 —2, III TTh and 1 hr ar, M-302 (3) Meyers
- 93D Economic Thought  
 —1, I MWF, M-302 (3) Meyers  
 —2, IV MWF, M-303 (3) Meyers
- 95D Government Regulation of Business, II MWF, M-305 (3) Davidson
- Ed.C.I.80 Methods of Teaching Business Subjects, V TTh and 2 hrs ar, M-302 (3) Dettmann

### GEOGRAPHY

- 12 Principles of Geography  
 —1, IV MWThF, M-100 (4) Chamberlin  
 —2, VI MTWTh, M-100 (4) Chamberlin
- 41 Commercial Production, I MTWThF, M-100 (5) Belthuis
- 47 Minnesota, III MWF, M-100 (3) Belthuis
- 73 Europe, II MWF, M-100 (3) Chamberlin
- 87 Geography for Teachers, V MWF, M-100 (3) Belthuis

## GEOLOGY

- 2 General Historical Geology, II MWF, M-101 (3) Heller
- B Laboratory, General Historical Geology, VI-VII TTh, M-101 (2) Heller
- 80 Geomorphology, II-III (9:00-10:15) TTh, M-100 (3) Chamberlin
- 93 Micropaleontology
  - Lect II T, M-101 (3) Heller
  - Lab VI-VIII MW, M-101, Heller
- Nat.Sci.6 Physical World, IV MTWThF, M-101 (3) Heller

## HISTORY

- 3 Western Civilization, V MWF, M-305 (3) Maclear
- 6 English History, VII MWF, M-305 (3) Maclear
- 21 US History, 1815-1877, V-VI TTh, M-207 (3) Livingston
- 22 US History, since 1877
  - 1, I MWF, M-207 (3) Livingston
  - 2, II MWF, M-207 (3) Lindquist
- 60 Church History since the Reformation, V-VI TTh, M-305 (3) Maclear
- 63 Far East since 1900, IV MWF, M-207 (3) Livingston
- 66 Europe since 1870, III MWF, M-305 (3) Maclear
- 69D Recent American History, 1933-1950, I-II TTh, M-305 (3) Lindquist
- 72 English Constitutional History, II MWF, M-302 (3) Livingston
- 90 History Readings, V MWF, M-207 (3) Lindquist
- 99D Minnesota History, IV MWF, M-305 (3) Lindquist

## POLITICAL SCIENCE

- 1 American Government (National), I-II (8:00-9:15) TTh, M-209 (3) Wolff
- 3 American Government (Municipal), III MWF, M-209 (3) Davidson
- C State in Modern World (Comparative Governments), VI MWF, M-209 (3) Wolff
- 25 International Relations, I MWF, M-209 (3) von Glahn
- 30 American Democracy, II MWF, M-209 (3) von Glahn
- 51 Government and Conservation, IV MWF, M-209 (3) Wolff
- 55 Legislation, VII MWF, M-209 (3) Davidson
- 63 Public Administration, V MWF, M-209 (3) Davidson
- 67 Political Parties and Public Opinion, II-III (9:45-11:00) TTh, M-209 (3) Wolff
- 73 Recent Political Thought, IV MWF, M-302 (3) von Glahn
- 83 International Law, VI MWF, M-305 (3) von Glahn
- 93 Honors Course, Ar, Staff

## SOCIOLOGY

- 1 Introduction to Sociology, V MTWThF, M-307 (5) Mabry
- 2 Intermediate Sociology, I MTWThF, M-307 (5) Turbeville
- 49 Social Problems, VII MWF, M-307 (3) Mabry
- 70 Minority Group Relations, IV MWF, M-307 (3) Turbeville
- 82 Rural Community Organization, III MWF, M-307 (3) Mabry
- 90 Methods of Social Research, II MWF, M-307 (3) Turbeville

## DIVISION OF AIR SCIENCE AND TACTICS

## I ROTC 33

- All sections, VIII-IX T, National Guard Armory
- 1, III Th, Tweed Annex (1)
- 2, IV Th, Tweed Annex (1)
- 3, VI Th, Tweed Annex (1)

## II ROTC 36

All sections, VIII-IX T, National Guard Armory

—1, III Th, S-108 (1)

—2, VII Th, Tweed Annex (1)

## III ROTC 133

All sections, VIII-IX T, National Guard Armory

—1, Administration and Logistics, V MWF, Tweed Annex (3)

—2, Flight Operation, V MWF, Olcott Hall (3)

## IV ROTC 136

All sections, VIII-IX T, National Guard Armory

II MWF, Tweed Annex (3)