Iowa State Teachers College Program of Recitations, Spring 1929

Iowa State Teachers College

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PROGRAM OF RECITATIONS
SPRING TERM, 1929

Recitation Periods

<table>
<thead>
<tr>
<th>Period</th>
<th>Time</th>
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</thead>
<tbody>
<tr>
<td>First period</td>
<td>8:00 a.m. to 8:55 a.m.</td>
</tr>
<tr>
<td>Second period</td>
<td>9:00 a.m. to 9:55 a.m.</td>
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<tr>
<td>Third period</td>
<td>10:00 a.m. to 10:55 a.m.</td>
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<tr>
<td>Fourth period</td>
<td>11:00 a.m. to 11:55 a.m.</td>
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<tr>
<td>Fifth period</td>
<td>1:00 p.m. to 1:55 p.m.</td>
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<tr>
<td>Sixth period</td>
<td>2:00 p.m. to 2:55 p.m.</td>
</tr>
<tr>
<td>Seventh period</td>
<td>3:00 p.m. to 3:55 p.m.</td>
</tr>
<tr>
<td>Eighth period</td>
<td>4:00 p.m. to 4:55 p.m.</td>
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</tbody>
</table>

Enrollment and Registration

A. To students in residence during the Winter term.

1. Consult your adviser during the last week of the term or earlier, presenting for inspection the Statement of Admission to the college from the Registrar's office, the Statement of Credits accepted from other institutions, and any Term Reports that you have received. After consulting with you, the adviser will furnish you with a list of courses for which you are to register.

2. File with your adviser as early as possible during the last week of the term all necessary petitions.

B. To students registering on enrollment day.

1. Pay the required fees to the Financial Secretary.
2. Fill out the enrollment blank.
3. Secure from the Registrar a registration card and a class card, and the credentials listed under A. 1, above, if you have not already secured them.
4. Show the registration card to the doorkeeper at the gymnasium.
5. If you have not received from your adviser a list of the courses for which you are to register, present to him for inspection the items listed in A. 1, above, and receive from him a list of courses for which you are to register.
6. Present your list of courses to the instructors concerned and have them fill out the registration card and the class card.
7. Present the registration card and the class card to your adviser for approval and file with your adviser all necessary petitions not previously filed.
8. File with the Receiving Committee the approved registration card and secure an exit card.
9. Retain the approved class card. The class card is to be shown to each instructor at the first recitation after registration.
10. If your registration is not completed on enrollment day, give your name to the Receiving Committee and secure an exit card. Keep your cards for completion of your registration on the following day, and then file the completed registration card with your adviser.
C. To students registering after enrollment day.

1. Pay the required fees to the Financial Secretary.
2. Fill out the enrollment blank.
3. Secure from the Registrar a registration card and a class card.
4. Present to your adviser for inspection your credits, and secure a list of the courses for which you are to register. See the registration bulletin board for the office and the office hours of the adviser.
5. Present your list of courses to the instructors concerned and have them fill out the registration card and the class card.
6. Present the registration card and the class card to the adviser for approval and file with the adviser the approved registration card and all necessary petitions.
7. Retain the approved class card. The class card is to be shown to each instructor at the first recitation after registration.
8. Students entering late must petition for permission to make up work if full credit is desired.

D. To students desiring a change in registration.

1. Consult your adviser concerning the proposed change.
2. If the adviser approves the change, have the change authorized by the adviser.
3. Have the change card signed by the instructor or instructors concerned.
4. File the change card at the Registrar's office.
5. If a change reduces the student's schedule to less than 10 hours, a petition must be filed in advance.
6. Applied Music (Piano, Organ, Voice, Violin, and other orchestral instruments) may not be dropped without the approval of the Committee on Registration.

Explanation of Terminology

The Arabic numerals following the name of the instructor indicate the periods during which the subject is given. Thus 1-2 means that there are two sections covering the same work, one meeting the first period and another the second period.

For description of courses see Bulletin for January, 1928. Each collegiate course is given daily for five hours credit unless other hours of work and credit are indicated. Sub-collegiate courses are given daily for twelve weeks credit, unless otherwise indicated.

ART AND MANUAL ARTS

COLLEGIATE COURSES—

Open to Freshmen and Sophomores.

Sheet Metal Work I, (2½ hrs.), Mr. Brown, daily 3-4.
Wood Turning, (2 hrs.), Mr. Palmer, Tu. Th. 3 and 4.
Primary Drawing I, (2 hrs.), (Credit only on Primary and Kindergarten curriculums), Miss Thornton, daily 2-5.
Primary Drawing II, (3 hrs.), (Credit only on Primary and Kindergarten curriculums), (Prerequisite, Primary Drawing I or equivalent preparation), Miss Thornton, daily 4; Miss Schuneman, daily 3; Miss Conlon, daily 5-6; Mrs. Branagan, daily 2-3.
Water Color, (2½ hrs.), (Prerequisite, Drawing I and General Design or equivalent preparation), Miss Patt, daily 6.
General Design, (3 hrs.), Miss Schuneman, daily 1; Miss Cole, daily 5; Miss Conlon, daily 3.
Primary Handwork, (3 hrs.), (Credit only on Primary and Consolidated School Education curriculums and for those who major in Normal Training High School Critic Work), Mrs. Branagan, daily 4-6.

Open to Freshmen, Sophomores and Juniors.

Mechanical Drawing I, (2 hrs.), Mr. Bailey, Tu. Th. 5 and 6.
Mechanical Drawing II, (3 hrs.), (Prerequisite, Mechanical Drawing I), Mr. Bailey, M. W. F. 3 and 4.
Mechanical Drawing III, (3 hrs.), (Prerequisite, Mechanical Drawing I and II), Mr. Palmer, M. W. F. 1 and 2; M. W. F. 5 and 6.
Woodwork I, (3 hrs.), Mr. Brown, M. W. F. 5 and 6.
Woodwork II, (2 hrs.), (Prerequisite, Woodwork I), Mr. Palmer, Tu. Th. 3 and 4.
Woodwork III, (2 hrs.), (Prerequisite, Woodwork I and II), Mr. Brown, Tu. Th. 1 and 2; Mr. Palmer, Tu. Th. 5 and 6.
Drawing I, (2½ hrs.), Miss Patt, daily 3-5; Miss Cole, daily 2; Miss Conlon, daily 2.
Drawing II, (2½ hrs.), (Prerequisite, Drawing I or equivalent preparation), Miss Cole, daily 1-4.

Open to Sophomores, Juniors and Seniors.

Teaching Manual Arts, (Prerequisite, Psychology I, Woodwork I and II and Mechanical Drawing I and II), Mr. Bailey, 2.
Sheet Metal Work II, (2½ hrs.), (Prerequisite, Sheet Metal Work I or equivalent preparation), Mr. Brown, daily 3-4.
Art Appreciation, Miss Thornton, 1.
Applied Arts II, (3 hrs.), (Prerequisite, Applied Arts I or equivalent preparation), Miss Schuneman, daily 4.

Open to Juniors and Seniors.

Architectural Drawing, (3 hrs.), (Prerequisite, Mechanical Drawing I, II, III), Mr. Bailey, M. W. F. 3 and 4.
Economics of Manual Arts, (2 hrs.), Mr. Bailey, Tu. Th. 4.
Pictorial Composition, (2½ hrs.), (Prerequisite, Drawing I and II or equivalent preparation), Miss Patt, daily 2.
Interior Decoration, (2½ hrs.), (Prerequisite, one term of drawing or equivalent preparation), Miss Schuneman, daily 5.

PSYCHOLOGY, EDUCATION, AND RURAL EDUCATION

SUB-COLLEGIATE COURSE—
Elementary Psychology, Mr. Slacks, 1.

COLLEGIATE COURSES—

Open to Freshmen and Sophomores.

(Primary Methods) Language and Literature, (Credit only on Primary curriculums and for those who major in Normal Training High School Critic Work), Miss Arey, 1-2-5.
(Primary Methods) Principles in Fundamentals, (Credit only on Primary and Kindergarten curriculums and for those who major in Normal Training High School Critic Work), Miss Burks, 2-3-5.
Psychology I, Mr. Brown, 1-5; Mr. Hoyt, 5; Mr. Todd, 4; Mr. Wiley, 4-6.

Educational Tests and Measurements, (3 hrs.), (Prerequisite, Psychology I), Mr. Brown, M. W. F. 2; Mr. Denny, M. W. F. 1.
Mental Tests, (2 hrs.), (Prerequisite, Psychology I), Mr. Brown, Tu. Th. 2; Mr. Denny, Tu. Th. 1.
Management and Measurements, Mr. Buffum, 2-5; Mr. Phillips, 4.
Child Psychology, (Prerequisite, Psychology I), Mr. Denny, 2-5; Mr. Phillips, 3-6.
Social Development, (Prerequisite, Psychology I), Mr. Wilcox, 3-4.

Didactics I, Mrs. Talcott, 1.
Rural School Methods, Mrs. Talcott, 3.
Elementary School Methods, (Prerequisite, Psychology I), Mr. Todd, 3-6.

Rural Teaching, (3 hrs.), (Credit only on the Rural Teacher curriculum, the Consolidated School curriculum and for those who major in Normal Training High School Critic Work or Consolidated School Education), (Illustrative Teaching must precede or accompany this course), Mr. Eells, hours as arranged; Mr. Slacks, hours as arranged; Miss Wilmarth, hours as arranged; Mrs. Talcott, hours as arranged.

Open to Freshmen, Sophomores and Juniors. (Prerequisite, Psychology I).

History and Principles of Education, Mr. Goetch, 2; Mr. Hoyt, 2-3; Mr. Paul, 1-5.

Open to Sophomores, Juniors and Seniors on Degree Curriculums and on the Art, Manual Arts, Home Economics, Commercial Education and Public School Music Curriculums.

Psychology of Adolescence, (Prerequisite, Psychology I), Mr. Charles, 1; Mr. Wilcox, 6.

Open to Sophomores, Juniors and Seniors.

History of Primary Education, (3 hrs.), (Prerequisite, Psychology I), Mr. Walters, M. W. F. 1.
Primary Educational Classics, (2 hrs.), (Prerequisite, Psychology I), Mr. Walters, Tu. Th. 1.
Genetic Psychology, (Prerequisite, Psychology I), Mr. Finkenbinder, 4.
History of American Education, (Prerequisite, Psychology I), Mr. Goetch, 3.
History of Education, (Prerequisite, Psychology I), Mr. Hollingsworth, 3-4-6.
The Consolidated School and Country Life, Mr. Eells, 3; Mr. Slacks, 2.

Open to Juniors and Seniors.

Philosophy of Education, (Prerequisite, Psychology I), Mr. Walters, 4.
School Administration and Supervision, (Prerequisite, Psychology I), Mr. Buffum, 1.
The High School, (Prerequisite, Psychology I), Mr. Charles, 2-5.
Logic, (3 hrs.), (Prerequisite, Psychology I), Mr. Finkenbinder, M. W. F. 3.
Ethics, (2 hrs.), (Prerequisite, Psychology I), Mr. Finkenbinder, Tu. Th. 3.
Social Psychology, (Prerequisite, Psychology I), Mr. Paul, 2.
Educational Psychology for High School Teachers, (Prerequisite, Psychology I), Mr. Wiley, 3.
Consolidated School Administration, Mr. Eells, 1.
The Rural High School, (2 hrs.), Mr. Eells, Tu. Th. 2.
Special Methods in the Common Branches, (Prerequisite, Psychology 10 hours), Miss Wilmarth, 2.

ENGLISH

COLLEGIATE COURSES—

Open to Freshmen only. (Prerequisite for all other courses in English and Speech).

English I, Miss Slattery, Miss Freeman, 1; Mr. Fagan, Miss Slattery, 2; Miss Gregg, Miss Rohlf, 3; Miss Gregg, Miss Buxbaum, 4; Miss Rohlf, Miss Buxbaum, 5; Miss Sorenson, Miss Falkler, 6.

Open to Freshmen and Sophomores. (Prerequisite, English I).

Elements of Literature, Mr. Lynch, 1; Mr. Fagan, 5; Miss Sorenson, 3; Miss Rohlf, 4; Miss Buxbaum, 2; Miss Slattery, 6.
Chief American Poets, (3 hrs.), Miss Gregg, M. W. F. 6.
American Prose Writers, (2 hrs.), Miss Gregg, Tu. Th. 6.

Open to Freshmen, Sophomores and Juniors. (Prerequisite, English I).

Narration and Description, Miss Terry, 5.
Oral Interpretation I, Miss Tuttle, 6; Mrs. Jacobsen, 1-5; Miss Falkler, 2-3.
Oral Interpretation II, (Prerequisite, Oral Interpretation I or equivalent preparation), Miss Tuttle, 1; Mrs. Jacobsen, 2.
Public Speaking, Mr. Brindley, 3-6; Miss Freeman, 2-5.

Open to Sophomores, Juniors and Seniors. (Prerequisite, English I).

Shakespeare, Mr. Lynch, 3.
The English Romantic Movement, Miss Carpenter, 4-5.
American Drama, (2 hrs.), Miss Lambert, Tu. Th. 2.
Modern European Drama, (3 hrs.), Miss Lambert, M. W. F. 2.
Recent English Poets, (2 hrs.), Miss Lambert, Tu. Th. 5.
Recent English Prose, (3 hrs.), Miss Lambert, M. W. F. 5.
Advanced Exposition, Miss Sorenson, 4.
Victorian Prose, (2 hrs.), Miss Terry, Tu. Th. 1.
Victorian Poetry, (3 hrs.), (Not credit for those who have credit for Tennyson and Browning), Miss Terry, M. W. F. 1.
Play Production I, (Prerequisite, Oral Interpretation I and II or equivalent preparation), Miss Tuttle, 2.

Open to Juniors and Seniors. (Prerequisite, English I).

History of English Literature, Miss Lambert, 3.
The Essay, Mr. Fagan, 1.
The Technique of Poetry, Miss Terry, 2.
Advanced Public Speaking, (Prerequisite, Public Speaking), Mr. Brindley, 1.
HOME ECONOMICS

COLLEGIATE COURSES—

Open to Freshmen, Sophomores and Juniors.

Food Preparation I, (Prerequisite, General Inorganic Chemistry), Miss Overn, daily 2 and M. W. F. 1; daily 3 and M. W. F. 4.
Food Preparation II, (Prerequisite, General Inorganic Chemistry and Food Preparation I), Miss Overn, daily 6 and M. Tu. Th. 5.
Home and Community Hygiene, (3 hrs.), Miss Allen, M. W. F. 2.
Clothing II, (4 hrs.), (Prerequisite, Clothing I or equivalent preparation), Miss Allen, M. W. F. 3 and 4 and Tu. 4; Miss Dillon, M. W. F. 5 and 6 and Th. 4.

Open to Sophomores, Juniors and Seniors.

Applied Dress Design, (3 hrs.), (Costume Design must precede or accompany this course), Miss Allen, M. W. 6 and 7 and F. 6.
Millinery, (2 hrs.), (Prerequisite, Clothing I and II or equivalent preparation. Costume Design must precede or accompany this course), Miss Dillon, Tu. Th. 5 and 6.

Open to Juniors and Seniors.

Home Management, (Prerequisite, Food Preparation I and II. This course must be preceded or accompanied by Food Marketing and Meal Planning), Miss Dillon, daily 1 and hours as arranged.

LATIN, GREEK, GERMAN

COLLEGIATE COURSES—

Open to Freshmen, Sophomores and Juniors.

Elementary Latin III, Mr. Merchant, 1.
Elementary Latin VI, Vergil's Aeneid II, Miss Miller, 4.
Elementary Latin IX, Cicero's Orations I, (following two years of high school Latin or Elementary Latin III or equivalent preparation), Miss Miller, 6.
Latin III, Epodes and Odes of Horace, Miss Miller, 3.
German I, Mr. Schaefer, 2.
German II, Miss Doffing, 6.
German III, Short Stories, (Prerequisite, one year of high school German or equivalent preparation), Miss Doffing, 3; Mr. Schaefer, 1.

Open to Sophomores, Juniors and Seniors and to Freshmen who have had two years of high school German or equivalent preparation.

German IV, Historical Prose, (Prerequisite, two years of high school German or equivalent preparation), Miss Doffing, 2.

Open to Sophomores, Juniors and Seniors.

Greek III, Mr. Merchant, 2.
German VIII, Goethe's Hermann und Dorothea, (2 hrs.), (Prerequisite, German IV or equivalent preparation), Miss Doffing, Tu. Th. 4.
German X, Composition and Advanced Grammar, (3 hrs.), (Prerequisite, German IV or equivalent preparation), Miss Doffing, M. W. F. 4.

Open to Juniors and Seniors.

Latin XI, The Teaching of Latin, (Prerequisite, Latin I, II, III), Mr. Merchant, 5.

German XI, Lessing, (Prerequisite, German IV and 10 hours from German V to X), Mr. Schaefer, 5.

MATHEMATICS AND COMMERCIAL EDUCATION

SUB-COLLEGIATE COURSES—

First Plane Geometry, Mr. Daugherty, 4.
First Penmanship, Miss Davis, 4-5.
Advanced Penmanship, Mr. Cummins, 1.
First Typewriting, Miss Myers, 1-3.
Second Typewriting, Miss Myers, 5.
Third Typewriting, Miss Myers, 2.

COLLEGIATE COURSES—

Open to Freshmen and Sophomores.

Principles of Elementary Mathematics, (Credit only on the Kindergarten, Primary, Elementary Education and Consolidated School curriculums and for those who major in Normal Training High School Critic Work and for those who major or minor in Mathematics), Mr. Condit, 3; Mr. Wester, 2-5.

Shorthand II, (Credit only on Commercial curriculums), Miss Gaffin, 6.

Shorthand III, (Credit only on Commercial curriculums), Miss Gaffin, 1-3.

Open to Freshmen, Sophomores and Juniors.

Analytical Geometry, (Prerequisite, Mathematics II), Miss Lambert, 2; Mr. Watson, 6.
Mathematics I, Mr. Wester, 1; Mr. Watson, 3.
Mathematics II, (Prerequisite, Mathematics I), Miss Lambert, 3; Mr. Daugherty, 1.
Accounting I, (Prerequisite, Accounting A or equivalent preparation), Mr. Cummins, 2.
Accounting II, Mr. Cummins, 4-6.
Commercial Law, Mr. Skar, 2-6.

Open to Sophomores, Juniors and Seniors.

Calculus I, (Prerequisite, Analytical Geometry), Mr. Condit, 2.
Surveying, (3 hrs.), (Prerequisite, Mathematics II), Mr. Daugherty, M. W. 6 and 7 and F. 6.
Spherical Trigonometry, (2 hrs.), (Prerequisite, Mathematics II), Mr. Daugherty, Tu. Th. 6.
Mathematics of Finance, (3 hrs.), Mr. Watson, M. W. F. 1.
Differential Equations, (3 hrs.), (Prerequisite, Calculus II), Mr. Watson, M. W. F. 5.
Commercial Correspondence, Mr. Mach, 3.
Advertising, (3 hrs.), Mr. Mach, M. W. F. 1.
Machine Accounting, (1 hr.), (Prerequisite, Elementary Bookkeeping), Mr. Mach, M. 6 and 1 hr. laboratory as arranged.
Secretarial Training, (3 hrs.), Miss Gaffin, M. W. F. 5.

Open to Juniors and Seniors.
Theory of Equations, (Prerequisite, Calculus I), Miss Lambert, 5.
Retail Merchandising, (3 hrs.), Mr. Mach, M. W. F. 2.
Business Organization, (2 hrs.), Mr. Mach, Tu. Th. 2.
Teaching of Commercial Subjects, (Previous training in Shorthand, Typewriting and Bookkeeping required), Mr. Skar, 4.

MUSIC

COLLEGIATE COURSES—

Open to Freshmen, Sophomores and Juniors.
First Music, (2 hrs.), (Not credit on the Public School Music curriculums), Mr. Wolfe, daily 3-5; Miss Barker, daily 2; Mr. Hays, daily 4.
Music for Upper Grades, (3 hrs.), (Not credit on the Public School Music curriculums), (Prerequisite, First Music or equivalent preparation), Mr. Fullerton, daily 4; Mr. Wolfe, daily 2; Miss Mayfield, daily 1; Mr. Hays, daily 3.
Sight Singing, Mr. Fullerton, 3.
Primary and Kindergarten Music, (3 hrs.), (Not credit on the Public School Music curriculums), (Prerequisite, First Music or equivalent preparation), Miss Mayfield, daily 4; Miss Barker, daily 5; Mrs. Schmidt, daily 1.
Harmony II, (3 hrs.), Miss Ruegnitz, M. W. F. 2-6.
Harmony III, (3 hrs.), Miss Ruegnitz, M. W. F. 3.

Open to Sophomores, Juniors and Seniors.
Harmony IV, (3 hrs.), Miss Ruegnitz, M. W. F. 1.
History of Music I, (2 hrs.), Mr. Richman, Tu. Th. 6.
History of Music II, (3 hrs.), Mr. Richman, M. W. F. 1.
History of Music III, (2 hrs.), Mr. Richman, Tu. Th. 1.
Counterpoint III, (2 hrs.), (Prerequisite, Harmony IV), Miss Evans, Tu. Th. 6.

Open to Juniors and Seniors.
Music Supervision, (1 hr.), Mr. Fullerton, Tu. 5.

NATURAL SCIENCE

COLLEGIATE COURSES—

Open to Freshmen and Sophomores.
Principles of Physiography, Mr. Cable, daily 1 and Tu. Th. 2.
Physiology I (a), Mr. Abbott, daily 4 and M. W. 3; Mr. Rath, daily 2 and Tu. Th. 1; daily 5 and Tu. Th. 6.
Physiology I (b), (3 hrs.), Mr. Rath, M. W. F. 1.
Nature Study, (Credit only on the Kindergarten, Primary, Elementary Education and Consolidated School curriculums, and for those who major in Normal Training High School Critic Work), Miss Gilbert, daily 2 and Tu. Th. 1; daily 4 and M. W. 3; daily 7 and Tu. Th. 6; Mr. Clark, daily 1 and Tu. Th. 2.

General Agriculture, (Not credit for those who have college entrance credit in Agriculture), Mr. Scott, daily 3 and Tu. Th. 4.

Open to Freshmen, Sophomores and Juniors.

Principles of Geography I, Miss Aitchison, 1-5; Miss Uttley, 2-6.
Biology I (a), Mr. Abbott, daily 7 and Tu. Th. 6.
Soils, (3 hrs.), Mr. Scott, M. W. F. 5 and F. 6.
Horticulture, (2 hrs.), Mr. Scott, Tu. Th. 5 and Th. 6.
Botany II—Non-Flowering Plants, Mr. Clark, daily 3 and Tu. Th. 2.
Botany I—General College Botany, Mr. Lantz, daily 4 and Tu. Th. 3.

Open to Sophomores, Juniors and Seniors.

Astronomy I, Mr. Cable, 3.
Principles of Geography II, (Prerequisite, Principles of Geography I), Miss Uttley, 4.
Biology III, (Prerequisite, Biology I), Mr. Abbott, daily 1 and Tu. Th. 2.
Hygiene and Sanitation (a), Miss Swalwell, daily 2 and Tu. Th. 1; daily 4 and M. W. 3; daily 7 and Tu. Th. 6.
Farm Poultry, (2 hrs.), Mr. Rath, Tu. Th. 3 and Th. 4.
Marketing Agricultural Products, (3 hrs.), Mr. Rath, M. W. F. 3.
Heredity and Evolution, (3 hrs.), Mr. Lantz, M. W. F. 2.
Botany III—Plant Taxonomy, (Prerequisite, entrance credit in Botany or General College Botany), Mr. Lantz, daily 5 and M. W. 6.

Open to Juniors and Seniors.

Mineralogy, (Prerequisite, high school or college physics or inorganic chemistry), Mr. Cable, daily 5 and Tu. Th. 6.
Conservation of Natural Resources, Miss Aitchison, 3.
Methods in Agriculture, Mr. Scott, 2.

ORCHESTRAL MUSIC

Open to Sophomores, Juniors and Seniors.

Orchestra Conducting I, (1 hr.), (Prerequisite, 3 hours of college credit in violin, viola, cello, piano, organ, or any wood or brass instrument), Mr. Searight, Tu. Th. 2-6.
Orchestra Conducting II, (1 hr.), (Prerequisite, Orchestra Conducting I), Mr. Searight, Tu. Th. 8.
Normal Course in Violin, (1 hr.), (Students taking this course must possess skill in violin work), Miss Possner, Tu. Th. 7.

Open to students in Cello.

Cello Ensemble, Mr. Searight, Sat. 2-3.

Open to students in Bass.

Bass Ensemble, Mr. Searight, Tu. Th. 1-3-4.
Open to advanced students in Piano, Violin, Viola, Cello, Bass and Harp.

String Ensemble, Mr. Kurtz, Tu. Th. 3-6-7; hours to be arranged; Mr. Searight, Tu. Th. 5; W. F. 5; Miss Schwarck, W. 5-6-7-8; F. 8.

Open to Public School Music students.

Supervisor's Violin, (For drill credit, twice weekly), Miss Possner, Tu. Th. 1-3-4-5.

Open to students of reed and brass instruments.

Band Masters Course, (For drill credit, twice weekly), (Prerequisite, private instruction on a wind instrument for at least thirty-six weeks or brass and wood-wind ensemble for thirty-six weeks. One private lesson per week on one of the fundamental reed or brass instruments must accompany this course), Mr. McCreary, Tu. Th. 3.

Wood and Brass Ensemble, Mr. McCreary, M. Tu. Th. 3; M. Tu. F. 4-8; M. Tu. Th. F. 6; M. Th. 9; hours to be arranged.

Private Instruction, (1 hr.), hours to be arranged.

Violin, Mr. Kurtz.
Viola, Mr. Kurtz.
Wood and Brass Instruments, Mr. McCreary.
Cello, Mr. Searight.
Bass, Mr. Searight.

Notes:
1. The College Orchestra, Mr. Kurtz, director, M. W. F. 7.
2. The College Band, Mr. McCreary, director, Tu. Th. 7.
3. The Ladies Band, Mr. McCreary, director, M. W. 8.
4. Student Orchestra Club, Mr. Searight, Tu. F. 8.

PHYSICAL EDUCATION

MEN

COLLEGIATE COURSES—

Open to Freshmen and Sophomores.

Theory of Track I, (3 hrs.), Mr. Bender, daily 6 and 7.
Theory of Baseball I, (3 hrs.), Mr. Mendenhall, daily 6 and 7.

Open to Juniors and Seniors.

Theory of Mass Athletics, (2 hrs.), Mr. Whitford, daily 4.
Theory of Baseball II, (3 hrs.), Mr. Whitford, daily 6 and 7.
Theory of Swimming, (2 hrs.), Mr. Dickinson, daily 3.
Theory of Track II, (3 hrs.), Mr. Dickinson, daily 6 and 7.
Organization and Administration of Athletics, (2 hrs.), Mr. Mendenhall, Tu. Th. 2.
PHYSICAL TRAINING WORK—

Beginning Baseball, Mr. Whitford, M. W. F. 3.
Baseball, Mr. Whitford, M. W. F. 8.
Golf, Mr. Dickinson, M. W. F. 4.
Beginning Track, Mr. Bender, M. W. F. 4.
Track, Mr. Dickinson, M. W. F. 8; Mr. Bender, M. W. F. 8.
Tennis, Mr. Mendenhall, M. W. F. 2; M. W. F. 5.

WOMEN

COLLEGIATE COURSES—

Open to Freshmen and Sophomores.

Play and Playground, (3 hrs.), (Not credit for those who major in Physical Education), Miss Wahle, M. W. F. 3.

Open to Freshmen, Sophomores and Juniors.

First Aid to the Injured, (2 hrs.), Dr. Mead, Tu. Th. 1.

Open to Sophomores, Juniors and Seniors.

Club Craft and Leadership, (2 hrs.), Mrs. Hoffman, Tu. Th. 2.
Physical Education V, (3 hrs.), Miss Humiston, M. W. F. 5.
History of Physical Education, (2 hrs.), Miss Humiston, Tu. Th. 1.
Kinesiology, (3 hrs.), (Prerequisite, Anatomy I and II), Miss White, M. W. F. 1.
Physical Education I, (Credit only for those who major in Physical Education or in Coaching and Athletics), Miss Wild, 2.
Physical Department Administration, (3 hrs.), (Credit only for those who major in Physical Education or in Coaching and Athletics), Miss Wild, M. W. F. 4.

Open to Juniors and Seniors.

Physiology of Exercise, (3 hrs.), (Prerequisite, Anatomy I and II and Physiology I (a)), (Credit only for those who major in Physical Education or in Coaching and Athletics), Dr. Mead, M. W. F. 1.

CLASS WORK IN PHYSICAL TRAINING FOR MAJOR STUDENTS—

For Freshman Majors:

Gymnastics, Miss Van Ness, M. W. 3.
Simple Team Games, Miss Wahle, Tu. Th. 3.
Dancing, Mrs. Hoffman, Tu. Th. 4.
Swimming according to classification, beginners to take Beginning Swimming, Miss Egan, M. W. 4.

For Sophomore Majors:

Dancing, Miss Wahle, M. W. 5.
Gymnastics, Miss Wild, M. W. 6.
Baseball, Miss Humiston, Tu. Th. 7.
Swimming according to classification.
For Junior Majors:

Physical Education V Technique, Miss Humiston, Tu. Th. 5.
Track, Miss Humiston, M. W. 6.
Dancing, Miss Wild, Tu. Th. 6.
Swimming according to classification.

For Senior Majors:

Archery, Miss Egan, M. W. 5.
Dancing, Miss Wild, Tu. Th. 5.
Swimming according to classification.

GENERAL CLASS WORK IN PHYSICAL TRAINING FOR WOMEN IS TENTATIVELY PLANNED AS FOLLOWS:

First Physical Training, Miss Wahle, M. W. F. 6.
Third Physical Training, Miss Humiston, Tu. Th. F. 4; Miss Meares, M. W. F. 2; Tu. Th. F. 5; Miss Michel, M. W. F. 4; M. W. F. 5; Miss Moore, M. W. F. 3; Tu. Th. F. 3; Mrs. Pettit, M. W. F. 1; Miss Wahle, Tu. Th. F. 2; Mrs. Hoffman, Tu. Th. F. 6.
Third Primary Physical Training, Miss Egan, Tu. Th. F. 4; M. W. F. 6; Mrs. Hoffman, M. W. F. 3; Miss Van Ness, Tu. Th. F. 2.
Beginning Swimming, Miss Egan, M. W. 4; Mrs. Hoffman, M. W. 5; Miss Meares, Tu. Th. 1; Tu. Th. 3; Mrs. Pettit, Tu. Th. 2; Tu. Th. 6.
First Intermediate Swimming, Miss Egan, M. W. 8; Miss Michel, Tu. Th. 5; Miss Moore, Tu. Th. 4.
Second Intermediate Swimming, Miss Egan, M. W. 8; Miss Michel, M. W. 6.
Advanced Swimming, Miss Egan, Tu. Th. 7.
Life Saving, Miss White, M. W. 7.
Beginning Clogging, Miss Moore, M. W. 8.
Clogging, Mrs. Hoffman, Tu. Th. 7; Miss Meares, M. W. 4.
Advanced Clogging, Mrs. Hoffman, M. W. 8.
Intermediate Dancing, Miss Wahle, M. W. 8.
Folk Dancing, Miss Van Ness, Tu. Th. 7; Miss Wahle, Tu. Th. 8.
Advanced Folk Dancing, Miss Van Ness, M. W. 8.
Golf, Miss Humiston, M. W. 7 (3:40); M. W. 8.
Archery, Miss Egan, Tu. Th. 5; Tu. Th. 6; Mrs. Pettit, M. W. 2; M. W. 3; Tu. Th. 7.
Tennis, Miss Meares, M. W. 3; Tu. Th. 4; Miss Van Ness, M. W. 2; Tu. Th. 5; Tu. Th. 6; Tu. Th. 8; Miss Wahle, Tu. Th. 7; Mrs. Pettit, Tu. Th. 1.
Advanced Tennis, Miss Meares, M. W. 6; M. W. 8; Miss Van Ness, M. W. 7.
Baseball, Miss Michel, Tu. Th. 6; Miss Meares, M. W. 7; Miss Humiston, Tu. Th. 7.
Track, Miss Michel, Tu. Th. 7; Miss Humiston, M. W. 6.
Danish Gymnastics, Miss Wahle, M. W. 7.

Note 1: Regular students may enter any of the classes for major students if they are capable of doing the work. See class work in physical training for major students.

Note 2: Intra-murals will be offered in Baseball, Track, Swimming, Tennis, Archery and Golf.
PHYSICS AND CHEMISTRY

-COLLEGIATE COURSES-

Open to Freshmen and Sophomores.

Physics XIII—Everyday Physical Science, (Credit only on Kindergarten, Primary, Elementary Education and Consolidated School curriculums), Mr. Begeman, M. Tu. W. F. 1. Laboratory: Mr. Begeman, Tu. Th. 2; Mr. Hersey, Tu. Th. 6.

Physics B, Mr. Hersey, daily 3 and Tu. Th. 4.

Chemistry XVIII—Physiological Chemistry, (Credit only on the Physical Education curriculum), (Prerequisite, Chemistry XVII), Mr. Getchell, M. W. F. 5. Laboratory: Mr. Getchell, Tu. Th. 5 and 6; Mr. Hersey, Tu. Th. 7 and 8.

Open to Freshmen, Sophomores and Juniors.

Physics I—Mechanics, (3 hrs.), (Not credit for those who have had Physics A), (Prerequisite, high school physics or equivalent preparation), Mr. Kadesch, M. W. F. 2.

Physics II—Laboratory Physics in Mechanics, (2 hrs.), (Not credit for those who have had Physics A), Mr. Kadesch, Tu. Th. 1 and 2.

Physics III—Sound and Light, (3 hrs.), (Prerequisite, Physics I or Physics A and B or equivalent preparation), Mr. Begeman, M. W. F. 3.

Physics IV—Laboratory Physics in Sound and Light, (2 hrs.), (Prerequisite, Physics I and II or Physics A and B), Mr. Begeman, Tu. Th. 3 and 4.

General Inorganic Chemistry I, Mr. Getchell, M. W. F. 2. Laboratory: Mr. Hersey, Tu. Th. 1 and 2.

Chemistry III—Chemistry of Metals and Qualitative Analysis, Mr. Read, Tu. Th. 3. Laboratory: Mr. Read, M. W. F. 3 and 4 or M. W. F. 5 and 6.

Open to Sophomores, Juniors and Seniors.

Physics XI—Alternating Currents, (2 hrs.), (Prerequisite, Physics I, II, V and VI or equivalent preparation), Mr. Kadesch, Th. F. 5 and Th. 6.

Physics XII—Radio and Wireless, (3 hrs.), (Prerequisite Physics I, V and VI. This course must be preceded or accompanied by Physics XI), Mr. Kadesch, M. Tu. W. 6 and Tu. 5.

Chemistry XIII—Chemistry of Food and Nutrition, (Prerequisite, Chemistry XII or IV), Mr. Getchell, daily 3 and Tu. Th. 4.

Chemistry IX—Special Laboratory Course, Mr. Read, hours as arranged.

Open to Juniors and Seniors.

Physics IX—Advanced Course in Electricity and Magnetism, (Prerequisite, Physics V and VI or equivalent preparation), Mr. Kadesch, hours as arranged.

Physics X—Teachers' Course in Physics, (Prerequisite, 10 hours of College Physics), Mr. Begeman, hours as arranged.
RELIgIOUS EDUCATION

COLLEGIATE COURSES—

Open to Freshmen and Sophomores.

History and Teaching of the Bible, Old Testament, (3 hrs.), Miss Hatch, M. W. F. 3-5; Dr. Hanson, M. W. F. 2.

History and Teaching of the Bible, New Testament, (2 hrs.), Miss Hatch, Tu. Th. 3-5; Dr. Hanson, Tu. Th. 2-4.

Open to Sophomores, Juniors and Seniors.

The Bible as Literature, (3 hrs.), Dr. Hanson, M. W. F. 3; Fr. Wieneke, M. W. F. 7.

The Ethics of the Bible, (2 hrs.), Fr. Wieneke, M. F. 6.


Ethical Child Training, (2 hrs.), Miss Hatch, Tu. Th. 4.

ROMANCE LANGUAGES

COLLEGIATE COURSES—

Open to Freshmen, Sophomores and Juniors.

Introductory French I, Miss Short, 3.

Introductory French II, Miss Dyer, 5.

French III, (Prerequisite, one year of high school French or equivalent preparation), Mr. Lillehei, 2; Miss Thomes, 6; Mr. Haddox, 3; Miss Dyer, 1; Miss Short, 5.

Introductory Spanish I, Miss Thomes, 4.

Spanish III, (Prerequisite, one year of high school Spanish or equivalent preparation), Mr. Haddox, 6; Miss Thomes, 2.

Open to Sophomores, Juniors and Seniors and to Freshmen who have had two years of high school French or equivalent preparation.

French IV (a), (3 hrs.), (Prerequisite, two years of high school French or equivalent preparation), Miss Short, M. W. F. 1.

French IV (b), (2 hrs.), (Prerequisite, two years of high school French or equivalent preparation), Miss Short, Tu. Th. 1.

French VI (a), (3 hrs.), Mr. Lillehei, M. W. F. 3-5.

French VI (b), (2 hrs.), Mr. Lillehei, Tu. Th. 3-5.

Open to Sophomores, Juniors and Seniors and to Freshmen who have had two years of high school Spanish or equivalent preparation.

Spanish VI (a), (3 hrs.), Mr. Haddox, M. W. F. 4.

Spanish VI (b), (2 hrs.), Mr. Haddox, Tu. Th. 4.

Open to Juniors, Seniors and to Sophomores who have had French IV, V, VI, or equivalent preparation.


French XV, (2 hrs.), Miss Dyer, Tu. Th. 2.
SOCIAL SCIENCE

COLLEGIATE COURSES—

Open to Freshmen and Sophomores.

Rural Sociology, Mr. O'Neill, 4.
American History I, Mr. Gemmill, 4; Mr. Wallace, 1; Mr. Wellborn, 2-5.
European History I, Miss Riggs, 6.

Open to Freshmen, Sophomores and Juniors.

Principles of Economics I, Mr. Thompson, 3; Miss Hunter, 1; Mr. Gemmill, 5.
Parliamentary Law and Practice, (1 hr.), Mr. Thompson, Th. 5.
American Government, Mr. Robinson, 4-6; Mr. Erbe, 2-6; Miss Sharp, 4-5; Mr. Gemmill, 1.
American Colonial History, (3 hrs.), Mr. Wallace, M. W. F. 3.
History of Iowa, (2 hrs.), Mr. Wallace, Tu. Th. 3.
European History II, Miss Riggs, 3.

Open to Sophomores, Juniors and Seniors.

Corporation Finance and Investments, Mr. Thompson, 2.
Latin American History, (2 hrs.), Miss Hunter, Tu. Th. 2.
History of the Far East, (3 hrs.), Miss Hunter, M. W. F. 2.
Social Problems, (2 hrs.), Miss Hunter, Tu. Th. 5.
Principles of Economics II; (Prerequisite, Principles of Economics I), Mr. O'Neill, 3.
General Sociology, Mr. O'Neill, 6.
American History II, Mr. Wallace, 5.
Diplomatic History of the United States, Mr. Wellborn, 1.
Constitutional Law, Mr. Robinson, 2.

Open to Juniors and Seniors.

Teaching the Social Sciences, (3 hrs.), Mr. Erbe, M. W. F. 3.
School Laws of Iowa, (2 hrs.), Mr. Erbe, Tu. Th. 3.
World Government and Politics, Miss Sharp, 1.
Recent European History, Miss Riggs, 4.

TEACHING

COLLEGIATE COURSES—

Illustrative Teaching, (Prerequisite, Psychology I, except that students on the two year Home Economics curriculum may take Illustrative Teaching while taking Psychology I, and those on the One Year Rural Teacher curriculum may take Illustrative Teaching after the completion of course I or II or III in Rural Education), Miss Luse, M. W. F. 3; Mr. Jackson, M. W. F. 2-4.

Open to Freshmen and Sophomores.

Primary Illustrative Teaching, (2 hrs.), (Prerequisite, Psychology I), (Credit only on the Primary and Kindergarten curriculums), Miss Rait, M. Tu. W. Th. 4.
Kindergarten Theory III, (2 hrs.), (Credit only on the Kindergarten curriculums), Miss Waters, daily 2.

Open to Freshmen, Sophomores and Juniors.

Child Development, (Prerequisite, Psychology I), Miss Mummery, 1.

Open to Sophomores, Juniors and Seniors.

Kindergarten Theory for Primary Teachers, (2 hrs.), (Prerequisite, 15 hours in Psychology and Education), (Credit on the Primary curriculums only), Miss Waters, M. Tu. W. Th. 5-6.

Kindergarten Teaching and Criticism under Critic Supervision, (Prerequisite, 10 hours in Psychology and Education, Kindergarten Theory I, II, III), hours as arranged.

Kindergarten Conference, (Required as part of Kindergarten Teaching and Criticism), Th. 7, supervisors as arranged.

Primary Teaching and Criticism under Critic Supervision, (Prerequisite, Primary Illustrative Teaching and 10 hours in Psychology and Education), hours as arranged.

Primary Conference, (Required as part of Primary Teaching and Criticism), Tu. Th. 7, supervisors as arranged.

Teaching under Critic Supervision, (Prerequisite, 10 hours in Psychology and Education and credit for Illustrative Teaching except that students on the two year Home Economics curriculum may take Teaching after the completion of Psychology I and Illustrative Teaching), hours as arranged.

Conference, (Required as part of Teaching), Th. 7, supervisors as arranged.