IOWA STATE TEACHERS COLLEGE

PROGRAM OF RECITATIONS

SUMMER TERM, 1926

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, 1926. 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.

Time of Recitation Periods—

<table>
<thead>
<tr>
<th>Period</th>
<th>Time</th>
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<tbody>
<tr>
<td>First</td>
<td>7:30 a.m. to 8:25 a.m.</td>
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<tr>
<td>Second</td>
<td>8:30 a.m. to 9:25 a.m.</td>
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<tr>
<td>Assembly</td>
<td>9:30 a.m. to 10:55 a.m.</td>
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<td>Third</td>
<td>10:00 a.m. to 11:55 a.m.</td>
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<td>Fourth</td>
<td>11:00 a.m. to 12:00 p.m.</td>
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<td>Fifth</td>
<td>12:00 p.m. to 1:00 p.m.</td>
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<td>Sixth</td>
<td>1:00 p.m. to 2:00 p.m.</td>
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<tr>
<td>Seventh</td>
<td>2:00 p.m. to 2:55 p.m.</td>
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<tr>
<td>Eighth</td>
<td>3:00 p.m. to 3:55 p.m.</td>
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INSTRUCTIONS TO STUDENTS

in regard to

Enrollment and Registration

A. To all students.

1. You are expected to attend all your classes regularly. The only way to drop a subject is to secure a "drop card" from your advisor and have it signed by the instructor. Non-attendance at classes for which you are registered will be considered cause for discipline.

2. Physical Training is required each fall, winter, and spring term until six full terms of credit have been secured.

3. Rhetorical Class Work is required of all collegiate students each fall, winter, and spring term until the full requirements are met.

B. To the student in residence during the Spring term.

1. Consult your advisor during the last week of the term or earlier, presenting for inspection your course book (the copy of your record issued by the Registrar). If the course book has not been issued, present 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 advisor will furnish you with a list of courses for which you are to register.

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

C. To the student 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 advisor 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 the 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.

D. To the student 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, a class card, and your course book, if you have one on file.

4. Present to your adviser for inspection your course book, if you have received one, 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 for full credit.

E. To the student 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 with your adviser.

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.

ART AND MANUAL ARTS

SUB-COLLEGIATE COURSES—

Elementary Handwork, Miss Conlon, 2-7; Miss Waugh, 5-8.
Elementary Drawing, Miss Kitt, 4.
Upper Grade Handwork, Miss Schuneman, 2.

DEGREE AND DIPLOMA COURSES—

Open to all collegiate students who meet prerequisites.

Applied Arts I, (2½ hrs.), (Prerequisite, Drawing I or equivalent), Miss Schuneman, daily 3.
Drawing I, (2½ hrs.), Miss Conlon, daily 3; Miss Cole, daily 1.
Mechanical Drawing I, (2 hrs.), Mr. Palmer, Tu. Th. 3 and 4.
Mechanical Drawing II, (3 hrs.), Mr. Palmer, M. W. F. 7 and 8.
Mechanical Drawing I and II (combined), Mr. Bailey, daily 5 and 6.
Mechanical Drawing III, (3 hrs.), Mr. Palmer, M. W. F. 7 and 8.
Woodwork I, (3 hrs.), Mr. Palmer, M. W. F. 3 and 4.
Woodwork II, (2 hrs.), Mr. Palmer, Tu. Th. 7 and 8.
Woodwork I and II (combined), Mr. Brown, daily 1 and 2.
Woodwork III, (2 hrs.), Mr. Palmer, Tu. Th. 7 and 8.

Open to Freshmen and Sophomores.

Applied Design, (3 hrs.), Miss Patt, daily 1.
Commercial Illustration, (2½ hrs.), (Prerequisite, one term of drawing), Miss Waugh, daily 4.
Drawing II, (2½ hrs.), (Prerequisite, Drawing I or equivalent), Miss Waugh, daily 7.
General Design, (3 hrs.), Miss Patt, daily 2.
Perspective, (2½ hrs.), Miss Thornton, daily 8.
Primary Drawing I, (2 hrs.), (Credit only on Primary and Kindergarten curriculums, and for those who major in Primary or Kindergarten Education), Miss Thornton, daily 4-7; Miss Patt, daily 3-6.
Primary Drawing II, (3 hrs.), (Prerequisite, Primary Drawing I or equivalent), (Credit only on Primary and Kindergarten curriculums, and for those who major in Primary or Kindergarten Education), Miss Schuneman, daily 1; Miss Cole, daily 6.
Primary Handwork, (3 hrs.), (Credit only on Primary curriculums and for those who major in Primary Education or Normal Training High School Critic Work), Miss Cole, daily 2-3; Miss Conlon, daily 4; Miss Kitt, daily 5-7-8.
Wood Turning, (2 hrs.), Mr. Brown, M. Tu. W. Th. 5-6.

Open to Sophomores, Juniors and Seniors.

Applied Arts II, (3 hrs.), (Prerequisite, Applied Arts I or equivalent), Miss Schuneman, daily 6.
Art Appreciation, Miss Thornton, daily 5.
Interior Decoration, (2½ hrs.), (Prerequisite, one term of Drawing or equivalent), Miss Schuneman, daily 6.
Mechanical Drawing IV, (2 hrs.), Mr. Bailey, Tu. Th. 5 and 6.
Organization and Administration of Manual Arts, (3 hrs.), (Prerequisites, Woodwork I and II and Mechanical Drawing I and II), Mr. Bailey, M. W. F. 3.
Teaching Manual Arts, (Prerequisites, Psychology I, Woodwork I and II, and Mechanical Drawing I and II), Mr. Bailey, 1.
Woodwork IV, Mr. Brown, 5 and 6.
Woodwork V, (3 hrs.), Mr. Brown, M. W. F. 5 and 6.

EDUCATION AND PSYCHOLOGY

DEGREE AND DIPLOMA COURSES—

Open to all collegiate students. (Prerequisite, Psychology I).

Educational Tests and Measurements, (3 hrs.), Mr. Paul, M. W. F. 3-4.
Mental Tests A, (2 hrs.), Mr. Paul, Tu. Th. 3-4.

Open to Freshmen and Sophomores.

(Primary Methods) Language and Literature, (Credit only on Primary curriculum and for those who major in Normal Training High School Critic work), Miss Arey, 3-4.
(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 Barber, 3-6-7; Miss Smith, 1-5.
Psychology I, Mr. Brown, 5-6-8; Mr. Denny, 6; Mr. Finkenbinder, 8; Mr. Hoyt, 2-3; Mr. Nelson, 7-8; Mr. Phillips, 3-4-7; Mr. Riebe, 5; Mr. Wilcox, 3-4-7; Mr. Wiley, 2-5.
School Organization and Control, Mr. Buffum, 5; Mr. Kline, 1-2-4.

Open to Freshmen and Sophomores. (Prerequisite, Psychology I).
Child Psychology, Mr. Denny, 3-4; Mr. Hoyt, 6; Mr. Todd, 5.

Open to Sophomores, Juniors and Seniors and to Freshmen who have had nine months of teaching experience. (Prerequisite, Psychology I).
The Elementary School, Mr. Todd, 1.

Open to Sophomores, Juniors and Seniors. (Prerequisite, Psychology I).
History of Primary Education, (3 hrs.), Mr. Walters, M. W. F. 1.
Primary Educational Classics, (2 hrs.), Mr. Walters, Tu. Th. 1.
Psychology of Adolescence, Mr. Charles, 1.
Experimental Psychology I, (Credit only on degree curriculums), Mr. Finkenbinder, 3.
Genetic Psychology, (Credit only on degree curriculums), Mr. Finkenbinder, 7.
History of American Education, Mr. Goetch, 1-5.
History of Education, Mr. Hollingsworth, 6-7-8.
Social Psychology, Mr. Paul, 6.
The Junior High School, (3 hrs.), Mr. Todd, M. W. F. 2.
Project Method in Teaching, (2 hrs.), Mr. Todd, Tu. Th. 2.
Educational Psychology for High School Teachers, (Credit only on degree curriculums), Mr. Wiley, 1.

ENGLISH

SUB-COLLEGIATE COURSES—

Complete Language and Grammar, Miss Buswell, 4; Miss Huglin, 6.
Elementary Elocution, Miss Falkler, 2.
First English Classics, Miss Freeman, 4.
History of English Literature, (Prerequisite, two terms of Composition and two terms of English Classics or equivalent), Miss Freeman, 6.
Orthography, Miss Falkler, 1.
Reading, Miss Falkler, 3.

DEGREE AND DIPLOMA COURSES—

Open to Freshmen only. (Prerequisite for all other courses in English or Public Speaking.)
English I, Miss Sorenson, Miss Rohlf, Miss Buxbaum, 1; Miss Rohlf, Miss Wright, 2; Miss Robb, Mr. Stout, Mr. Lawrence, 3; Miss Robb, Miss Hunter, 4; Miss Sorenson, Miss Buxbaum, Mr. Stout,
Open to all collegiate students. (Prerequisite, English I.)
Elements of Literature, Miss Sorenson, 3; Miss Terry, 4; Miss Buxbaum, 7; Mr. Lawrence, 5; Miss Hunter, 8.
Oral Interpretation I, Miss Strayer, 2; Miss Gaarder, 4-7; Miss Ferguson, 1-3-5.
Oral Interpretation II, (Prerequisite, Oral Interpretation I), Miss Strayer, 4; Miss Gaarder, 2.
Public Speaking, Mr. Fish, 1-6; Mr. Welsch, 3-4.

Open to Freshmen and Sophomores. (Prerequisite, English I).
American Prose Writers, (2 hrs.), Miss Rohlf, Tu. Th. 6; Miss Wright, Tu. Th. 4.
Chief American Poets, (3 hrs.), Miss Rohlf, M. W. F. 6; Miss Wright, M. W. F. 4.

Open to Sophomores, Juniors and Seniors. (Prerequisite, English I).
The Teaching of English, Mr. Lynch, 2.
Shakespeare's Tragedies, (3 hrs.), Mr. Lynch, M. W. F. 3.
Shakespeare's History Plays, (2 hrs.), Mr. Lynch, Tu. Th. 3.
Shakespeare's Comedies, (3 hrs.), Mr. Lynch, M. W. F. 7.
Recent American Prose Writers, (3 hrs.), Miss Lambert, M. W. F. 1.
Recent American Poets, (2 hrs.), Miss Lambert, Tu. Th. 1.
Victorian Poetry, (3 hrs.), Miss Lambert, M. W. F. 2.
Victorian Prose, (2 hrs.), Miss Lambert, Tu. Th. 2.
Story Writing, Miss Terry, 2-7.
Play Production I, (Prerequisites, Oral Interpretation I and II), Miss Strayer, 6.
Advanced Public Speaking, (Prerequisite, Public Speaking), Mr. Fish, 2.
Methods in Language and Grammar, (2 hrs.), Miss Huglin, Tu. Th. 3.
Methods in Reading and Literature, (3 hrs.), Miss Huglin, M. W. F. 3.
Advanced Exposition, Mr. Lawrence, 1.

RHETORICAL CLASS WORK—required each Fall, Winter and Spring until three terms credits are earned. Membership in an incorporated literary society may be substituted for the third term.
First term, Miss Freeman, Th. F. 7; M. Tu. W. 8; Miss Robb, M. W. F. 7.
Second term, (Prerequisite, First term), Miss Robb, Tu. Th. 7.
Third term, (Prerequisite, First term), Mr. Lynch, Th. 7.

GERMAN

DEGREE AND DIPLOMA COURSES—

Open to all collegiate students who meet prerequisites.
Elementary German I, Mr. Knoepflier, 2.

Open to Freshmen, Sophomores and Juniors.
Intermediate German I, (Prerequisite, two years of high school German or equivalent), Mr. Knoepflier, 3.
Intermediate German II, Mr. Knoepflier, 7.
Intermediate German III, Mr. Knoepflier, 6.
HOME ECONOMICS

SUB-COLLEGIATE COURSE—

First Domestic Science, Miss Hansen, M. W. F. 1 and 2 and Th. 2.

DEGREE AND DIPLOMA COURSES—

Open to all collegiate students who meet prerequisites.

Clothing I, (4 hrs.), Miss Adler, M. W. F. 1 and 2 and Th. 2.
Food Preparation I, (Prerequisite, General Inorganic Chemistry), Miss Otto, daily 4 and M. W. F. 3.

Open to Freshmen and Sophomores.

Clothing II, (4 hrs.), (Prerequisite, Clothing I or equivalent), Miss Allen, M. W. F. 5 and 6 and Tu. 6.
Food Preparation II, (Prerequisite, General Inorganic Chemistry and Food Preparation I), Miss Radell, daily 2 and M. W. F. 1.
Clothing A, (4 hrs.), (Prerequisite, adequate high school work in sewing or equivalent), Miss Otto, M. W. F. 1 and 2 and Th. 2.
Home and Community Hygiene, (3 hrs.), Miss Otto, M. W. F. 5.

Open to Sophomores, Juniors and Seniors.

Dressmaking, (3 hrs.), (Prerequisite, Costume Design), Miss Adler, M. W. 4 and 5 and F. 4.
Advanced Dressmaking, (2 hrs.), (Prerequisites, Clothing I and II or equivalent. Costume Design must precede or accompany this course), Miss Adler, Tu. Th. 3 and 4.
House Furnishing and Decoration, (2 hrs.), (Prerequisites, Applied Design and House Planning), Miss Adler, Tu. Th. 7.
Costume Design, (3 hrs.), (Prerequisites, Applied Design and Clothing I and II), Miss Allen, M. W. 1 and 2 and F. 2.
Food and Dietetics, (3 hrs.), (Prerequisites, Food Preparation I and II and Meal Planning), Miss Hansen, M. W. 7 and 8 and F. 7.
Home Nursing, (2 hrs.), (This course must be preceded or accompanied by Bacteriology), Miss Radell, Tu. Th. 6.
Textiles, (2 hrs.), (Prerequisite, General Inorganic Chemistry), Miss Allen, Tu. Th. 7 and Th. 8.

Open to Juniors and Seniors.

Methods in Home Economics, (3 hrs.), Miss Allen, M. W. F. 3.
Home Management, (Prerequisites, Food Preparation I and II. Food Marketing and Meal Planning must precede or accompany this course), Miss Radell, Th. F. 8 and hours arranged.

LATIN AND GREEK

DEGREE AND DIPLOMA COURSES—

Open to Freshmen and Sophomores.

Elementary Latin I, (for beginners), Mr. Merchant, 7.
Elementary Latin II, (following one year of high school Latin or equivalent), Miss Miller, 6.
Elementary Latin IV, Cicero's Orations I, (following two years of high school Latin), Miss Miller, 2.
Elementary Latin VI, Vergil's Aeneid I, (following three years of high school Latin), Miss Miller, 3.
Cicero's De Senectute and Latin Composition, Mr. Merchant, 2.
Open to Sophomores, Juniors and Seniors.

Latin XI, The Teaching of Latin, (Prerequisite, Latin I, II, III—
Livy, Horace, Pliny), or five hours of work selected from other
authorized courses open to Sophomores, Juniors and Seniors,
Mr. Merchant, 1.

MATHMATICS AND COMMERCE

SUB-COLLEGIATE COURSES—

First Plane Geometry, Mrs. Bujer, 2.
Second Plane Geometry, Mrs. Bujer, 1.
First and Second Algebra, (Open only to those who have had one
year of high school Algebra), Mr. Daugherty, 5.
Second Algebra, Mrs. Bujer, 7.
Third Algebra, Mr. Daugherty, 4.
Complete Arithmetic, Mrs. Bujer, 5.
First Penmanship, Mr. Cummins, 5; Miss Geiger, 3-4-7-8.
Advanced Penmanship, Mr. Cummins, 6.
First Typewriting, Miss Myers, 3-4; Mr. Krouskup, 1.
Second Typewriting, Miss Myers, 6.
Third Typewriting, Miss Myers, 7.
Typewriting A, (First and Second Typewriting for students who
have had one year of Typewriting or equivalent), Mr. Krouskup, 2.
Elementary Bookkeeping, Mr. Krouskup, 5.

DEGREE AND DIPLOMA COURSES—

Open to all collegiate students who meet prerequisites.

Mathematics I, Mr. Daugherty, 2-7; Mr. Watson, 1; Mr. Beck, 4.
Mathematics II, (Prerequisite, Mathematics I), Mr. Beck, 6.
Analytical Geometry, (Prerequisite, Mathematics II), Mr. Beck, 8.
Accounting I, (Prerequisite, Elementary Bookkeeping), Mr. Cum-
mins, 1.
Accounting II, Mr. Cummins, 2.
Commercial Correspondence, (3 hrs.), Mr. Mach, M. W. F. 6.
Commercial Correspondence, Mr. Skar, 2.
Advertising, (2 hrs.), Mr. Mach, Tu. Th. 6.
Commercial Law, Mr. Skar, 7.

Open to Freshmen and Sophomores.

Teaching of Elementary Mathematics, (Credit toward graduation
for students on the One Year Rural Curriculum, on diploma
curriculums and for those on degree curriculums who major or
minor in Mathematics), Mr. Condit, 2-3; Mr. Wester, 1-6-7; Miss
Van Dyke, 4-5-8.
Shorthand I, (Credit only on Commercial curriculum and for those
who major in Commerce), Miss Gaffin, 3.
Shorthand II, (Credit only on Commercial curriculum and for those
who major in Commerce), Miss Gaffin, 4.
Shorthand III, (Credit only on Commercial curriculum and for those
who major in Commerce), Miss Gaffin, 6.
Shorthand A, (Shorthand I and II for students who have had one
year of Shorthand or equivalent), (Credit only on Commercial
curriculum and for those who major in Commerce), Mr. Krou-
skup, 4.

Open to Sophomores, Juniors and Seniors.

Calculus I, (Prerequisite, Analytical Geometry), Mr. Watson, 2.
Calculus II, Mr. Watson, 6.
Theory of Measurement, (3 hrs.), Mr. Wester, M. W. F. 3.
Modern Geometry, (3 hrs.), Mr. Watson, M. W. F. 4.
Teaching of Secondary Mathematics, (3 hrs.), (Prerequisite, two courses in college mathematics), Mr. Beck, M. W. F. 3.
History of Mathematics, (2 hrs.), (Prerequisite, two courses in college mathematics), Miss Van Dyke, Tu. Th. 3.
Retail Merchandising, (3 hrs.), Mr. Mach, M. W. F. 1.
Business Organization, (2 hrs.), Mr. Mach, Tu. Th. 1.
Marketing, (3 hrs.), Mr. Mach, M. W. F. 3.
Salesmanship, (2 hrs.), Mr. Mach, Tu. Th. 3.
Machine Accounting, (1 hr.), (Prerequisite, Elementary Bookkeeping), Mr. Mach, Th. 8 and 1 hr. laboratory as arranged.
Secretarial Work, (3 hrs.), Miss Gaffin, M. W. F. 8.
Teaching of Commercial Subjects, (Prerequisite, previous training in shorthand, typewriting and bookkeeping), Mr. Skar, 1.
Business Publications, (1 hr.), Mr. Skar, Tu. 8.

MUSIC

SUB-COLLEGIATE COURSES—

Elementary Music, Miss Mayfield, 1-4; Miss Starr, 1; Mr. Hays, 2.
Recreational Music, Mr. Hays, M. W. F. 3.

DEGREE AND DIPLOMA COURSES—

Open to all collegiate students who meet prerequisites.
Harmony I, (3 hrs.), Miss Ruegnitz, M. W. F. 1.
History of Music I, (2 hrs.), Miss Childs, Tu. Th. 5-6.

Open to Freshmen and Sophomores.
First Music, (2 hrs.), (Not credit on Public School Music curriculum), Mr. Fullerton, daily 3; Mr. Hays, daily 8.
Music I, (3 hrs.), Miss Mayfield, M. W. F. 2.
Music II, (3 hrs.), Mr. Fullerton, M. W. F. 6.
Primary and Kindergarten Music, (3 hrs.), (Not credit on Public School Music curriculum), Mrs. Schmidt, daily 4; Miss Mayfield, daily 8.
Theory of Music, (3 hrs.), Mr. Fullerton, M. W. F. 4.
Conducting, (2 hrs.), Mr. Fullerton, Tu. Th. 4.
Music Methods I, (2 hrs.), Miss Starr, Tu. Th. 2.
Music for Upper Grades, (3 hrs.), (Not credit on Public School Music curriculum), Miss Starr, daily 3.
Sight Singing, Miss Starr, 7.

Open to Sophomores, Juniors and Seniors.
History of Music III, (2 hrs.), Miss Childs, Tu. Th. 3.

NATURAL SCIENCE

SUB-COLLEGIATE COURSES—

First Agriculture, Mr. Rath, daily 8 and M. W. 7.
Physiology, Miss Swallows, 8.

DEGREE AND DIPLOMA COURSES—

Open to all collegiate students.
Principles of Geography, Miss Rigdon, 2-5; Miss Hearst, 3-4-6; Mr. Halverson, 1-3; Mr. Hanson, 4-8.
General Biology (a), Mr. Abbott, daily 2 and M. W. 1.
Open to Freshmen and Sophomores.

General Botany, Mr. Lantz, daily 2 and M. W. 1; daily 4 and M. W. 3; Mr. Clark, daily 1 and Tu. Th. 2; daily 6 and M. W. 7.
General Agriculture, Mr. Scott, daily 1 and Tu. Th. 2; Mr. Wilson, daily 2 and M. W. 1; daily 4 and M. W. 3; Mr. Norland, daily 6 and Tu. Th. 7.
Non-Flowering Plants (Botany), Mr. Clark, daily 3 and Tu. Th. 4.
Principles of Physiology, Mr. Cable, daily 1 and M. W. 2; daily 3 and M. W. 4.
Commercial and Industrial Geography, (Credit only on Commercial curriculum and for those who major in Commerce or Earth Science), Miss Rigdon, 7.
Physiology I (a), Mr. Abbott, daily 3 and Tu. Th. 4.
Physiology I (b), (3 hrs.), Miss Swalwell, M. W. F. 5.
Nature Study, (Credit only on Kindergarten, Primary, Junior College and Rural Teacher curriculums and for those who major in Normal Training High School Critic work), Miss Gilbert, daily 1 and M. W. 2; daily 3 and M. W. 4; daily 6 and Tu. Th. 7; Mrs. Phillips, daily 2 and Tu. Th. 1; daily 4 and Tu. Th. 3; daily 7 and M. W. 6.

Open to Freshmen, Sophomores and Juniors.

Dairy Cattle, (3 hrs.), Mr. Rath, M. W. F. 1 and W. 2.
Hogs, (2 hrs.), Mr. Rath, Tu. Th. 1 and Th. 2.

Open to Sophomores, Juniors and Seniors.

Plant Taxonomy (Botany), (Prerequisite, credit for Botany in high school or college), Mr. Lantz, daily 7 and Tu. Th. 6.
Farm Management, (3 hrs.), Mr. Scott, M. W. F. 4.
Soil Fertility, (2 hrs.), Mr. Scott, Tu. Th. 4.
Methods in Agriculture, Mr. Scott, 6.
Bacteriology, (3 hrs.), Mr. Rath, M. W. F. 3 and W. F. 4.
Feeds and Feeding, (3 hrs.), Mr. Rath, M. W. F. 5.
Principles of Breeding, (2 hrs.), Mr. Rath, Tu. Th. 5.
Farm Crops, Mr. Wilson, daily 7 and Tu. Th. 8.
Beef Cattle, (3 hrs.), Mr. Norland, M. F. 2 and laboratory as arranged.
Horses, (2 hrs.), Mr. Norland, Tu. 2 and laboratory as arranged.
Business Farming, (3 hrs.), Mr. Norland, M. W. F. 3.
Farm Poultry, (2 hrs.), Mr. Norland, Tu. Th. 3 and Th. 4.
Astronomy I, Mr. Cable, 5.
Geography of Europe, Mr. Halverson, 6.
Geography of North America, Mr. Hanson, 2.
General Zoology, (Prerequisite, Biology), Mr. Abbott, daily 7 and M. W. 6.
Hygiene and Sanitation (a), Miss Swalwell, 2.
Hygiène and Sanitation (b), (3 hrs.), Miss Swalwell, M. W. F. 3.

ORCHESTRAL MUSIC

Open to all collegiate students who meet prerequisites.

Applied Music, (1 hr.), (Violin and Viola), Mr. Kurtz; (Cello), Mr. Beinke; (Wind Instruments), Mr. McCreary; (Harp), Mrs. Wagner, hours to be arranged.

Orchestra Conducting, (1 hr.), (Prerequisites, 3 hrs. credit in Violin or 'Cello and at least two terms with college orchestra or subdivision), Mr. Kurtz, hours to be arranged.

Open to Public School Music students.

Supervisor's Violin, (for drill credit, twice weekly), Mr. Kurtz, hours to be arranged.
Open to advanced students of Violin, Viola, 'Cello and Piano.

String Ensemble, Mr. Kurtz, Tu. F. 6-8; and hours to be arranged.

Open to students of reed or brass instruments.

Wind Ensemble, Mr. McCreary, hours to be arranged.

Open to collegiate and sub-collegiate students.

Band Masters Course, (for drill credit, twice weekly), Mr. McCreary, hours to be arranged.

Notes: 1. The College Orchestra, Mr. Kurtz, director, M. Th. 8.
2. The College Band, Mr. McCreary, director, Tu. 8.

**PHYSICAL EDUCATION**

**MEN**

**DEGREE AND DIPLOMA COURSES—**

Open to all collegiate students.

Theory of Athletics V (Football), (First six weeks), (1 hr.), Mr. Bender, daily 7.

Theory of Athletics X (Basketball), (First six weeks), (1 hr.), Mr. Mendenhall, daily 8.

Theory of Athletics XV (Track), (Second six weeks), (1 hr.), Mr. Dickinson, daily 7.

Theory of Athletics XX (Baseball), (Second six weeks), (1 hr.), Mr. Whitford, daily 8.

**PHYSICAL TRAINING WORK—**

Volleyball, Mr. Whitford, Tu. Th. 4.
Baseball, (First six weeks), Mr. Whitford, daily 8.
Intramural Baseball League, Mr. Whitford, daily 9 and 10.
Mass Athletics, Mr. Whitford, M. W. F. 4.
Beginning Swimming, Mr. Dickinson, M. W. F. 3-4.
Tennis, Mr. Dickinson, Tu. Th. 6; Mr. Mendenhall, Tu. Th. 2; M. W. F. 6-7.
Golf, Mr. Dickinson, M. W. F. 8; Tu. Th. 8.
Intermediate Swimming, Mr. Dickinson, Tu. Th. 3.
Handball, Mr. Bender, M. W. F. 2.
Floorwork, Mr. Bender, M. W. F. 3.
Wrestling, Mr. Bender, M. W. F. 6.
Recreational Swimming, Mr. Bender, 9.
Gymnastics, Mr. Bender, Tu. Th. 3.
Football, (Second six weeks), Mr. Bender, daily 7.
Intramural Athletics, Mr. Mendenhall, daily 9 and 10.
Basketball, (Second six weeks), Mr. Mendenhall, daily 8.
Track, (First six weeks), Mr. Dickinson, daily 7.
Boy Leadership through Scouting, Mr. Short, Th. 3:30 to 5:30 p. m.

**WOMEN**

**DEGREE AND DIPLOMA COURSES—**

Open to all collegiate students.

First Aid to the Injured, (2 hrs.), Dr. Mead, Tu. Th. 2.
Club Craft and Leadership, (2 hrs.), Miss Sweigard, Tu. Th. 3-6.
Open to Freshmen and Sophomores.

Play and Playground, (3 hrs.), (Not credit for those who major in Physical Education), Miss Hinderman, M. W. F. 3-6.

General Class Work in Physical Training is tentatively planned as follows:

Dancing, (For students on the college curriculum who major in Physical Education), Miss Wild, Tu. Th. 3.
Dancing, Miss Wild, Tu. Th. 8.
Beginning Swimming, Miss Wild, M. W. 6; Miss White, Tu. Th. 3; Miss Kimm, M. F. 2; Tu. Th. 2; M. W. 3; Tu. Th. 6; Miss Mueller, M. W. 5; Tu. Th. 5; Mrs. Morgenson, M. W. 9; Tu. Th. 4-9.
Dramatic Games, Miss Wild, M. W. 7.
Primary Games, Miss Wild, Tu. Th. 7.
Advanced Folk Dancing, Miss Wild, M. W. 8.
Clogging, Miss Wild, M. W. 8 (3:40).
Cricket, (For students on the college curriculum who major in Physical Education), Miss White, M. Tu. W. Th. 4.
Folk Dancing, Miss White, Tu. Th. 7; Miss Mueller, M. W. 3; Mrs. Morgenson, M. W. 4-6.
Intermediate Swimming, Miss White, M. W. 8 (3:40); Miss Kimm, M. W. 4; Mrs. Morgenson, Tu. Th. 8.
First Physical Training, Miss Sweigard, M. W. F. 4; Tu. Th. 4; Miss Harris, M. W. F. 3; Miss Kimm, M. W. F. 6; Miss Mueller, Tu. Th. 7.
Third Physical Training, Miss Harris, M. W. F. 7.
First Primary Physical Training, Miss Mueller, M. W. F. 7 (2:40).
Life Saving, Miss Sweigard, M. W. 7.
Water Sports, Miss Sweigard, Tu. Th. 7.
Advanced Swimming, Miss Sweigard, Tu. Th. 7 (2:40).
Basketball, Miss Sweigard, M. W. 8 and Th. 8 for Theory or as arranged; Miss Hinderman, M. W. 7 and Th. 7 for Theory or as arranged.
Archery, Miss Harris, M. W. 4-8; Tu. Th. 8.
Social Dancing, Miss Harris, Tu. Th. 4-6; M. W. 5.
Simple Team Games, Miss Harris, Tu. Th. 7.
Tennis, Miss Hinderman, Tu. Th. 6; Miss Kimm, Tu. Th. 4; Miss Mueller, Tu. Th. 2-8-9; M. W. 2; Mrs. Morgenson, Tu. Th. 3.
Golf, Miss Hinderman, Tu. Th. 8; Tu. Th. 8 (3:40); Miss Kimm, Tu. Th. 7 (2:40).
Stunts and Contests, Miss Kimm, M. W. 7 (2:40).
Intermediate Games, Mrs. Morgenson, M. W. 8.

PHYSICS AND CHEMISTRY

SUB-COLLEGIATE COURSES—

First Physics, Mr. Hersey, daily 2 and Tu. Th. 1.
Second Physics, Mr. Hersey, daily 6 and Tu. Th. 7.

DEGREE AND DIPLOMA COURSES—

Open to all collegiate students who meet prerequisites.

General Inorganic Chemistry I, Mr. Getchell, M. W. F. 2. Laboratory: Mr. Getchell, Tu. Th. 1 and 2; Mr. Read, Tu. Th. 7 and 8.
General Inorganic Chemistry II, Mr. Getchell, M. W. F. 3. Laboratory: Tu. Th. 3 and 4.
Open to Freshmen and Sophomores.

Physics XIII, Everyday Physical Science, (Credit only on Kindergarten, Primary, Junior College, and One Year Rural Teacher curriculums), Mr. Begeman, M. Tu. Th. F. 1; Mr. Read, M. Tu. Th. F. 6. Laboratory: Mr. Begeman, M. W. 2; Mr. Read, M. W. 7; Tu. Th. 5.

Physics XVII, General Physical Science, (Credit only on degree curriculums), Mr. Kadesch, M. W. Th. F. 4. Laboratory: Tu. Th. 5.

Physics B, (Not open to students who have had High School Physics), Mr. Hersey, daily 3 and Tu. Th. 4.

Organic Chemistry, (3 hrs.), (Prerequisites, General Inorganic Chemistry I and II or X and XI), (Required of Home Economics students as the third term of Chemistry), Mr. Read, M. 4 and W. F. 3 and 4.

Open to Sophomores, Juniors and Seniors.

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

Physics II, Laboratory Physics in Mechanics, (2 hrs.), (This course should accompany Physics I), (Not credit for those who have had Physics A), Mr. Kadesch, Tu. Th. 2 and 3.

Physics V, Heat, Electricity and Magnetism, (3 hrs.), (Prerequisites, Physics I or Physics A and B or equivalent), Mr. Kadesch, M. W. F. 6.

Physics VI, Laboratory Physics in Heat, Electricity and Magnetism, (2 hrs.), (Prerequisites, Physics I and II or Physics A and B or equivalent), (This course should accompany Physics V), Mr. Kadesch, Tu. Th. 7 and 8.

Physics VIII, Advanced Course in Light, (3 hrs.), (Prerequisites, Physics III and IV or equivalent), or Physics IX, Advanced Course in Electricity and Magnetism, (Prerequisites, Physics V and VI or equivalent), Mr. Begeman, 7 and 8, or as arranged.

Physics X, Teachers’ Course in Physics, (Prerequisite, one year of college Physics, or one unit of high school Physics for teachers of Physics in approved high schools), Mr. Begeman, Tu. Th. 4. Laboratory: M. W. F. 3 and 4.

Chemistry of Food and Nutrition, (Prerequisites, General Inorganic Chemistry and Organic Chemistry), (Required of Home Economics students as their fourth term of Chemistry), Mr. Getchell, Tu. Th. F. 6. Laboratory: M. W. 5 and 6.

RELIGIOUS EDUCATION

DEGREE AND DIPLOMA COURSES—

Open to Freshmen and Sophomores.


History and Teaching of the Bible, New Testament, (2 hrs.), Miss Hearst, Tu. Th. 1-2-7; Mrs. Jones, Tu. Th. 3-6.

Open to Sophomores, Juniors and Seniors.

The Bible as Literature, (3 hrs.), Mrs. Jones, M. W. F. 2.
The Ethics of the Bible, (2 hrs.), Mrs. Jones, Tu. Th. 2.

Open to all collegiate students.

Biblical History and Literature, (2 hrs.), Rev. Wienek e, M. F. 8.
ROMANCE LANGUAGES

DEGREE AND DIPLOMA COURSES—

Open to all collegiate students who meet prerequisites.

Introductory French I, Mr. Lillehei, 2.
Introductory French II, Miss Thomes, 4.
French III, Reading, Conversation and Composition, (Prerequisite, one year of high school French or equivalent), Miss Thomes, 2.
Introductory Spanish I, Mr. Haddox, 6.
Introductory Spanish II, Miss Thomes, 7.
Spanish III, Reading, Conversation and Composition, (Prerequisite, one year of high school Spanish or equivalent), Miss Thomes, 8.

Open to Freshmen, Sophomores and Juniors.

French IV (a), Advanced Reading, (3 hrs.), (Prerequisite, two years of high school French or equivalent preparation), Mr. Lillehei, M. W. F. 3.
French IV (b), Conversation and Composition, (2 hrs.), (Prerequisite, two years of high school French or equivalent), Mr. Lillehei, Tu. Th. 3.
French V (a), Advanced Reading, (3 hrs.), Mr. Haddox, M. W. F. 4.
French V (b), Conversation and Composition, (2 hrs.), Mr. Haddox, Tu. Th. 4.
French VI (a), Advanced Rapid Reading, (3 hrs.), Mr. Haddox, M. W. F. 3.
French VI (b), Advanced Composition and Conversation, (2 hrs.), Mr. Haddox, Tu. Th. 3.
Spanish IV (a), Advanced Reading, (3 hrs.), (Prerequisite, two years of high school Spanish or equivalent), Mr. Haddox, M. W. F. 1.
Spanish IV (b), Conversation and Composition, (2 hrs.), (Prerequisite, two years of high school Spanish or equivalent), Mr. Haddox, Tu. Th. 1.

Open to Sophomores, Juniors and Seniors.

French VIII (a), French Literature of the 19th Century, (3 hrs.), Mr. Lillehei, M. W. F. 5.
French VIII (b), Advanced Grammar and Composition, (2 hrs.), Mr. Lillehei, Tu. Th. 5.

RURAL EDUCATION

SUB-COLLEGIATE COURSES—

Elementary Didactics, Mr. Mast, 5-8.
Elementary Psychology, Mrs. Richardson, 1.

DEGREE AND DIPLOMA COURSES—

Open to all collegiate students.

The Consolidated School and Country Life, Mr. Campbell, 1-6-7.

Open to Freshmen and Sophomores.

Didactics I, Mr. Slack, 2-4-6; Miss Anderson, 2-4; Mr. Mast, 7; Mr. Hamer, 3-4-8; Mr. Nolte, 3-4-7; Miss Wassom, 3-5; Mrs. Richardson, 2-6.
Rural School Methods, Miss Cordts, 2-3-4; Miss Wilmarth, 6; Miss Wakefield, 2-3-5.
Rural School Management, Miss Anderson, 6; Mr. Williams, 3-4; Miss Wassom, 2.
Open to Juniors and Seniors.

Special Methods in the Common Branches, (Prerequisite, Psychology, 10 hours), Miss Wilmarth, 1.
Normal Training Supervision, Miss Wilmarth, 7.
Consolidated School Administration, Mr. Williams, 8.

SOCIAL SCIENCE

SUB-COLLEGIATE COURSES—

First General History, Miss Robinson, 3.
Complete United States History, Miss Robinson, 7.
Civics of Iowa and the United States, Mr. Eaton, 2.
Elementary Economics, Mr. Eaton, 6.

DEGREE AND DIPLOMA COURSES—

Open to all collegiate students.
American Government, Mr. Gemmill, 2-4-8; Mr. Wallace, 3; Mr. Gewehr, 2-7; Mr. Aumann, 5; Mr. Trachsel, 7; Mr. Erbe, 1-7; Miss Sharp, 1-5-6; Mr. Eaton, 3-8.
American History I, Miss Riggs, 2; Mr. Shannon, 4-7; Mr. Young, 1-8; Miss Robinson, 2-6.
English History I, Mr. Aumann, 1.
Rural Sociology, Mr. Yoder, 3; Mr. Winslow, 4-7; Mr. Fleming, 1-5-8; Mr. Trachsel, 3-4.
Principles of Economics I, Mr. Dameron, 2-5-6; Mr. Winslow, 1.

Open to Freshmen and Sophomores.
European History I, Miss Riggs, 6.

Open to Sophomores, Juniors and Seniors.
Modern European Governments, Mr. Wallace, 1.
American History II, Mr. Wallace, 6; Mr. Shannon, 1.
History of the West, Mr. Gewehr, 4.
Recent European History, Miss Riggs, 3.
English History II, Mr. Aumann, 3.
History of the Far East, (3 hrs.), Mr. Young, M. W. F. 2.
Latin American History, (2 hrs.), Mr. Young, Tu. Th. 2.
Corporation Finance and Investments, Mr. Thompson, 2.
Population, (3 hrs.), Mr. Thompson, M. W. F. 3.
Industrial Combinations, (2 hrs.), Mr. Thompson, Tu. Th. 3.
Money and Banking, Mr. Thompson, 7.
General Sociology, Mr. Yoder, 4-6.
State Government and Administration, (3 hrs.), Mr. Erbe, M. W. F. 4.
Local Government and Problems, (2 hrs.), Mr. Erbe, Tu. Th. 4.

TEACHING

DEGREE AND DIPLOMA COURSES—

Illustrative Teaching, (Prerequisite, Psychology I, except that students on the two year Home Economics curriculum may take Psychology I and Illustrative Teaching at the same time and those on the One Year Rural Curriculum after completion of courses I, II or III in Rural Education), (Credit required), Mr. Jackson, M. W. F. 3-4.
Open to Freshmen and Sophomores.

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

Open to Sophomores, Juniors and Seniors.

Conference, (Required as part of Teaching), supervisors as arranged, Th. 4:00 p. m.

Primary Conference, (Credit only on Primary curriculum), (Required as part of Teaching), supervisors as arranged, Th. 4:00 p. m.

Kindergarten Conference, (Credit only on Kindergarten curriculum), (Required as part of Teaching), Miss Waters, Th. 4:00 p. m.

Kindergarten Theory for Primary Teachers, (2 hrs.), (Prerequisites, 15 hrs. in Psychology and Education), (Credit only on Primary curriculum), Miss Waters, M. Tu. W. Th. 2.

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

Kindergarten Teaching and Criticism under Critic Supervision, (Prerequisites, 10 hours in Psychology and Education, and Kindergarten Theory I, II, III), (Credit only on Kindergarten curriculum), hours as arranged.

Teaching under Critic Supervision, (Prerequisites, 15 hours in Psychology and Education, and credit for Illustrative Teaching), hours as arranged.