1929

Details of Curricula, Western State Teachers College 1929-1930

Western Michigan University

Follow this and additional works at: https://scholarworks.wmich.edu/course_catalogs

Part of the Higher Education Commons

WMU ScholarWorks Citation
Western Michigan University, "Details of Curricula, Western State Teachers College 1929-1930" (1929). Western Michigan University Course Catalogs (1936-present). 185.
https://scholarworks.wmich.edu/course_catalogs/185

This Catalog is brought to you for free and open access by the Western Michigan University at ScholarWorks at WMU. It has been accepted for inclusion in Western Michigan University Course Catalogs (1936-present) by an authorized administrator of ScholarWorks at WMU. For more information, please contact maira.bundza@wmich.edu.
DETAILS OF

CURRICULA

OFFERED BY

Western State Teachers College

1929-1930

KALAMAZOO, MICHIGAN
DETAILS OF

CURRICULA

OFFERED BY

Western State Teachers College

1929-1930

KALAMAZOO, MICHIGAN
THE CURRICULA

The curricula in Western State Teachers College are planned to prepare teachers for the different departments and various phases of public school work, and also to give students who are preparing to teach, opportunity for general higher education. Recognizing that the prospective teacher should have some opportunity to adapt his education to his peculiar ability or personal ambition, the faculty, in outlining curricula sufficiently flexible to prepare teachers for both general and special school work, has made provision for students to exercise individual preference in elective work. A prospective student should study carefully the details of the various curricula as outlined that he may understand clearly the purposes of each. He should choose the curriculum for which he considers himself best fitted.

Specific details of the curricula for the various degrees conferred and certificates granted by Western State Teachers College appear in this publication as follows:

1. Curricula four years in length leading to the degree of:
   Bachelor of Arts, 4, 6, 17
   Bachelor of Science, 5, 6, 17

2. Curricula three years in length leading to a Life Certificate in—
   Art, 7
   Art and Music, 8
   Commerce, 9
   Early Elementary, 10
   Home Economics, 11
   Junior High School, 12
   Later Elementary, 13
   Manual Arts, 14
   Music, 15
   Physical Education for Men, 16
   Physical Education for Women, 18
   Rural Elementary, 19
   Rural High School, 21
   Senior High School, 22

3. Curricula two years in length leading to the Five Year Certificate in—
   Early Elementary, 10
   Junior High School, 12
   Later Elementary, 13
   Rural Elementary, 20
   Rural High School, 21
   Senior High School, 22

4. Curriculum one year and one summer term in length leading to the Three Year Certificate—
   Three Year Certificate Curriculum, 23.

5. Curriculum one year in length meeting state professional requirements—
   One Year Professional Training Curriculum, 24.

To study in detail the requirements in professional training for teachers in the State of Michigan and the conditions under which the student may receive a certificate after having completed the curriculum outlined the reader is referred to pages 34 and 35 of the annual catalog.
BACHELOR OF ARTS

Four-Year Curriculum Leading to the Degree of Bachelor of Arts

At its regular meeting, March 29, 1918, the State Board of Education authorized the Teachers Colleges of the State to formulate a four-year curriculum leading to the Bachelor's degree. The curriculum leads to a Life Certificate and the degree of Bachelor of Arts.

The four-year curriculum will in no way interfere with the curricula already in force in the Western State Teachers College, and it is possible for students in many of these curricula to plan their work so that it will count as part credit toward the degree.

Students may enter the institution to begin or continue their work for the degree at the beginning of any regular term.

The degree of Bachelor of Arts and a Teachers' Life Certificate will be granted to students upon satisfactory completion of the curriculum outlined below. The work extends over a period of four years of thirty-six weeks each, and presupposes the completion of a four-year standard high school course as described under the Entrance Requirements. A term hour of work represents a course of instruction in a single subject continuing for twelve weeks and having one class-hour a week.

Two hours of laboratory work will count as one class-hour. The requirements for graduation with this degree are distributed as follows:

Group 1: English Composition and Rhetoric ........................................ 12 term hours
Group 2: History, Political Science, Economics, Sociology, Philosophy ........................................ 20 term hours
Group 3: Biology, Chemistry, Geography, Geology, Physics, Mathematics, Astronomy ........................................ 24 term hours
Group 4: Ancient Languages, Modern Languages, English Language and Literature ........................................ 24 term hours

The remaining units may be elected from the courses regularly offered by the various departments, subject to the following restrictions:

1. Courses must be elected so that the requirements in some one of the Life Certificate curricula are fully satisfied.
2. Not more than 64 term hours may be taken in any one department.
3. Courses counted in Group 1 cannot be counted in Group 4.
4. Not more than a total of 64 term hours may be counted from any or all of the following departments: Music, Art, Home Economics, Commerce, Industrial Arts, and Physical Education. Credits in these departments counted toward a degree must be earned in courses generally recognized as of college grade.
5. At least two-thirds of the work taken in residence beyond the second year must be in courses not open to first-year students. No candidate will be recommended for the A. B. degree who has spent less than one year at the Western State Teachers College and who has not been in residence during the term next preceding the time of his graduation.

Minimum term hours required—192.
BACHELOR OF SCIENCE

Four-Year Curriculum Leading to the Degree of Bachelor of Science

The degree of Bachelor of Science and a Teacher's Life Certificate will be granted upon satisfactory completion of the curriculum outlined below. The work extends over a period of twelve terms of twelve weeks each, and presupposes the completion of a four-year standard high school course as described under Entrance Requirements. A term hour of work represents a course of instruction in a single subject, continuing for twelve weeks and having one class-hour a week. Two hours of laboratory work ordinarily count as one class-hour. The requirements for graduation with this degree are distributed as follows:

Group 1  English Composition and Rhetoric .......................... 12 term hours
Group 2  History, Political Science, Economics, and Sociology 12 term hours
Group 3  Psychology and Education:
  Introductory Psychology 101 ..................................... 4 term hours
  Educational Psychology 202 ..................................... 4 term hours
  Principles of Teaching 201 ..................................... 4 term hours
  Teaching 201, 202 .............................................. 8 term hours
  Elective ......................................................... 4 term hours

Group 4  Ancient Languages, Modern Languages, or English
  in addition to Group 1 ............................................. 12 term hours
Group 5  Biology, Chemistry, Geography and Geology, Mathematics, and Physics ......... 12 term hours
Group 6  Art.
Group 7  Commerce.
Group 8  Home Economics.
Group 9  Manual Arts.
Group 10  Music.
Group 11  Physical Education for Men.
Group 12  Physical Education for Women.

In addition to the minimum amount of work designated under groups 1 to 5 inclusive, the student must elect not more than sixty-four term hours from any of the departments of Group 5, or from any of the groups from six to twelve inclusive. The remaining credits to make up one hundred ninety-two term hours may be taken as free electives, subject to the approval of the chairman of the degree committee.

Courses must be elected so that the requirements in some one of the Life Certificate curricula are fully satisfied.

Credits counted toward a degree must be earned in the courses generally recognized as of college grade. Candidates for the degree of Bachelor of Science must present a major sequence of thirty-six term hours of consecutive, coherent courses elected from a department or from related departments, and a minor sequence of twenty-four term hours of consecutive, coherent courses.

Isolated courses will not be counted toward satisfying the minimum requirements of groups 1 to 5. At least one-half of the work beyond the first year must be in courses not open to first-year students. No candidate will be recommended for the Bachelor of Science degree who has spent less than thirty-six weeks at the Western State Teachers College and who has not been in residence during the term next preceding the time of his graduation.

Minimum term hours required—192.
BUSINESS ADMINISTRATION CURRICULUM
(A.B. or B.S. Degree)
(Four years in Length)

For the Preparation of Teachers of Commerce and for General Business Education

1. Psychology and Education:
   - Introductory Psychology 101 ......................... 4 term hours
   - Educational Psychology 202 .......................... 4 term hours
   - Principles of teaching 201 ............................ 4 term hours
   - Teaching 201, 202 ..................................... 8 term hours

2. Rhetoric 104 A, B, C, 315 or 323 .................... 13 term hours

3. Foreign Languages or English in addition to Group 2 .... 12 term hours

4. Mathematics:
   - Mathematics 100 A, B, C; or 103 A, B, C; or 104 A, B, C .............. 12-15 term hours
   - Statistics 211 ......................................... 4 term hours

5. Laboratory Science:
   - Chemistry, Physics, Geology, Botany, Biology .................. 12 term hours

6. History and Social Science other than Economics:
   - U. S. History 101C (101 A, B, elective) ..................... 4 term hours
   - Economic Development of United States 303 ..................... 3 term hours
   - Political Science 201 A, B, C ............................. 12 term hours

7. Economics:
   - Principles of Economics 201 A, B ....................... 8 term hours
   - Financial Organization 202 .............................. 4 term hours
   - General Business Administration 302, A, B ................ 6 term hours
   - Corporations 303 A, B, C ................................ 6 term hours
   - Marketing 304 A, B ...................................... 6 term hours
   - Transportation 305 A, B, C .............................. 6 term hours
   - Business and Government 306 ............................. 4 term hours

8. Commerce:
   - Accounting 201 A, B, C .................................. 12 term hours
   - Business law 304, A, B, C ................................ 9 term hours

9. At pleasure or to meet the requirement of A.B. or B.S. curricula .................. 36 to 39 term hours

10. Required of all students in addition:
    - Library Methods.
    - Physical Education: 5 terms.

Minimum term hours required—192.
ART CURRICULUM

(Three years in length)

For the Preparation of Teachers and Supervisors of Art

1. Psychology and Education:
   - Introductory Psychology 101 .................................. 4 term hours
   - Educational Psychology 202 .................................. 4 term hours
   - Principles of Teaching 201 .................................. 4 term hours
   - Teaching 201, 202, 203 ....................................... 12 term hours

2. Rhetoric 104 A, B, C ........................................ 9 term hours

3. Foreign Languages, Speech, and English in addition to
   Group 2 .................................................................... 12 term hours

4. History, Economics, Political Science, and Sociology ....... 12 term hours

5. Science and Mathematics ......................................... 12 term hours

6. Art:
   - Art for teachers 102 ........................................... 4 term hours
   - Industrial Art 103 ............................................. 4 term hours
   - Elementary Design 109 ....................................... 4 term hours
   - Mechanical Drawing 112 .................................... 4 term hours
   - Figure Drawing 205 ........................................ 4 term hours
   - Art Observation 206 .......................................... 4 term hours
   - Demonstration Drawing 207 ................................. 4 term hours
   - Art Composition 208 ........................................ 4 term hours
   - History of Art 211 A, B ....................................... 8 term hours
   - Commercial Art 214 ........................................ 4 term hours
   - Art Supervision 313 .......................................... 4 term hours

7. At pleasure .......................................................... 27 term hours
   (Not more than 8 term hours may be elected in Art.)

8. Required of all students in addition:
   - Library Methods.
   - Physical Education: 5 terms.

Minimum term hours required—144.

Note.—1. The department reserves the right to take creditable work from
   the students for purposes of exhibition.
2. One unit of teaching should be deferred until the third year.
3. In as far as possible, executive courses should be elected in ful-
   fillment of the requirements of Groups 3, 4, 5, and 7.
4. If it is desired that the work of this curriculum count as three
   years toward a degree, elections must be made in conformity
   with the requirements of a degree curriculum.
ART AND MUSIC CURRICULUM

(Three years in length)

For the Preparation of Teachers of Art and Music

1. Psychology and Education:
   - Introductory Psychology 101 ........................................ 4 term hours
   - Educational Psychology 202 ......................................... 4 term hours
   - Principles of Teaching 201 ........................................... 4 term hours
   - Teaching 201, 202 .................................................... 8 term hours

2. Rhetoric 104 A, B, C .................................................. 9 term hours

3. Foreign Languages, Speech, and English in addition to
   Group 2 ........................................................................... 12 term hours

4. History, Economics, Political Science, and Sociology .......... 12 term hours

5. Science and Mathematics .............................................. 12 term hours

6. Art:
   - Art for teachers 102 ...................................................... 4 term hours
   - Industrial Art 103 ......................................................... 4 term hours
   - Elementary Design 109 .................................................. 4 term hours
   - Mechanical Drawing 112 ................................................ 4 term hours
   - Figure Drawing 205 ...................................................... 4 term hours
   - Art Observation 206 ..................................................... 4 term hours
   - Demonstration Drawing 207 .......................................... 4 term hours
   - Art Composition 208 .................................................... 4 term hours
   - History of Art 211B ...................................................... 4 term hours
   - Art Supervision 313 ..................................................... 4 term hours

7. Music:
   - Fundamentals of Music 101 A, B, C .................................. 12 term hours
   - Voice Culture 116 A, B .................................................. 4 term hours
   - Music Education 206 A, B, C .......................................... 12 term hours
   - Harmony 209 A, B ......................................................... 8 term hours
   - Modern Composers 212B .............................................. 4 term hours
   - Music Appreciation 212C .............................................. 4 term hours

8. Required of all students in addition:
   - Library Methods.
   - Physical Education: 5 terms.

Minimum term hours required—145.

Note.—1. The department reserves the right to take creditable work from
   the students for the purpose of exhibition.
2. Two years of vocal or instrumental ensemble are required.
3. In as far as possible, consecutive courses should be elected in ful-
  fillment of the requirements of Groups 3, 4, and 5.
4. If it is desired that the work of this curriculum count as three
   years toward a degree, elections must be made in conformity
   with the requirements of a degree curriculum.
5. One unit of teaching should be deferred until the third year.
### COMMERCE CURRICULUM

**(Three years in length)**

**For the Preparation of Teachers of Commerce**

1. **Education and Psychology:**
   - Introductory Psychology 101 ........................................... 4 term hours
   - Educational Psychology 202 ............................................ 4 term hours
   - Principles of Teaching 201 ............................................ 4 term hours
   - Teaching 201, 202 ..................................................... 8 term hours

2. **Rhetoric 104 A, B, C ....................................................... 9 term hours**

3. **Economics:**
   - Principles of Economics 201 A, B .................................... 8 term hours
   - Financial Organization 202 ........................................... 4 term hours
   - Elective from third-year courses .................................... 12 term hours

4. **Science and Mathematics:**
   - Year sequence in Mathematics, Biology, Chemistry, or Physics ............................................. 12 or 15 term hours
   - Elective ........................................................................... 8 term hours

5. **Commerce:**
   - Shorthand and Typewriting 102 A, B, C, 202, 203 .................. 16 term hours
   - Commerce 204 or 205 .................................................... 2 term hours
   - Accounting 201 A, B, C ................................................... 12 term hours
   - Accounting 301, 302, or 303 ........................................... 4 term hours
   - Business Law 304, A, B, C ............................................. 9 term hours
   - Problems of Secondary Commercial Education 305 .................. 3 term hours

6. **At pleasure:**
   - From any department except Commerce or Economics ............. 22 or 25 term hours

7. **Required of all students in addition.**

   **Minimum term hours required—144.**

**Note.—1.** In as far as possible, consecutive courses should be elected in fulfillment of the requirements of Group 6.

**2.** If it is desired that the work of this curriculum count as three years toward a degree, elections must be made in conformity with the requirements of a degree curriculum.

**3.** One unit of teaching should be deferred until the third year.
EARLY ELEMENTARY CURRICULUM
(Three years in length)

For the Preparation of Teachers of the Kindergarten and of Grades 1 and 2

1. Psychology and Education:
   - Introductory Psychology 101: 4 term hours
   - Educational Psychology 202: 4 term hours
   - Principles of Teaching 201: 4 term hours
   - Teaching 201, 202: 8 term hours
   - Psychology of Reading 104: 4 term hours
   - Early Elementary Education: 24 term hours

2. Rhetoric 104 A, B, C: 9 term hours

3. Literature: 12 term hours

4. History: 12 term hours

5. Science and Mathematics:
   - Nature Study 131: 4 term hours
   - Elective: 8 term hours

6. Music 104: 4 term hours

7. Art for Teachers 102: 4 term hours

8. Industrial Handwork 107: 4 term hours

9. At pleasure: 39 term hours

10. Required of all students in addition:
    - Library Methods.
    - Penmanship.
    - Physical Education: 5 terms.

   Minimum term hours required—144.

Note.—1. In as far as possible, consecutive courses should be elected in fulfillment of the requirements of Groups 3, 4, 5 and 8.

For the Five Year Certificate students must complete the requirements outlined above excepting Group 9, Educational Psychology 202, Teaching 202 and 8 term hours of Early Elementary Education; and elect sufficient to total 96 term hours.
HOME ECONOMICS CURRICULUM

(Three years in length)

For the Preparation of Teachers and Supervisors of Home Economics

1. Psychology and Education:
   Introductory Psychology 101 .................................. 4 term hours
   Educational Psychology 202 .................................. 4 term hours
   Principles of Teaching 201 .................................. 4 term hours
   Teaching 201, 202 ........................................... 8 term hours

2. Rhetoric 104 A, B, C ........................................... 9 term hours

3. Foreign Languages, Speech, and English in addition to Group 2 ...................... 12 term hours

4. History or Social Science ........................................ 12 term hours

5. Science:
   Chemistry 103 A, B, C and 203A .................................. 16 term hours
   Biology 201 .................................................. 4 term hours
   Physiology 211C .............................................. 4 term hours

6. Household Arts Design 106 and 210 .................................. 8 term hours

7. Home Economics:
   Introductory Home Economics 101, 102 .................................. 4 term hours
   Clothing 103 .................................................. 4 term hours
   Foods 104 ...................................................... 4 term hours
   Clothing 205 .................................................. 4 term hours
   Nutrition 206 .................................................. 4 term hours
   Home Economics Education 209 .................................. 4 term hours
   Millinery 305 .................................................. 4 term hours
   Home Management 306 ......................................... 4 term hours
   Advanced Foods 312 ........................................... 4 term hours
   Home Nursing and Child Care 315 .................................. 4 term hours

8. At pleasure ...................................................... 19 term hours

9. Required of all students in addition:
   Library Methods.
   Physical Education: 5 terms.

Minimum term hours required—144.

Note.—1. If it is desired that the work of this curriculum count as three years toward a degree electives must be in conformity with the requirements of a degree curriculum.
JUNIOR HIGH SCHOOL CURRICULUM
(Three years in length)

For the Preparation of Teachers of Grades 7, 8 and 9

1. Psychology and Education:
   - Introductory Psychology 101 ........................................ 4 term hours
   - Educational Psychology 202 ......................................... 4 term hours
   - Principles of Teaching 201 .......................................... 4 term hours
   - Teaching 201, 202 ....................................................... 8 term hours

2. Rhetoric 104 A, B, C ...................................................... 9 term hours

3. One major sequence, consisting of 27 to 36 term hours, including 4 term hours of teaching in that subject.

4. One minor sequence, consisting of 18 to 24 term hours, in another subject, including 4 term hours of teaching.

5. Two sequences, other than the major and minor, consisting of 12 term hours each.

6. The remaining units are to be taken in groups of three or miscellaneously with the consent of the advisor.

7. Required of all students in addition:
   - Library Methods.
   - Penmanship.
   - Physical Education:
     - For men—five terms.
     - For women—five terms, including course 202.

Minimum term hours required—144.

Note.—1. A sequence consists of two or more consecutive, coherent courses in a given subject.

2. All elections for major and minor sequences must be made with the approval of a member of the department in which the work is to be taken.

3. Majors and minors may be counted only in Literature, Mathematics, History, Geography, and General Science.

4. In determining the courses to be taken, in fulfillment of the requirements of Groups 3, 4, 5, 6, the student should hold in mind that there is demand for teachers qualified to teach the following groups of subjects:
   - Science (geography, general science, nature study, physiology and hygiene, elementary botany, elementary biology, agriculture), history.
   - English, geography, history.
   - Mathematics, geography, other sciences (enumerated above).
   - English, geography, science (enumerated above).
   - Geography, history, other sciences (enumerated above).
   - Music and any two of the subjects.

Students completing two years of work (96 term hours) of this curriculum, under the guidance of their advisers, may qualify for the Five Year Certificate. These students omit Educational Psychology 202 and Teaching 202.
LATERN ELEMENTARY CURRICULUM
(Three years in length)

For the Preparation of Teachers of Grades 3, 4, 5, and 6

1. Psychology and Education:
   - Introductory Psychology 101 ..................................... 4 term hours
   - Educational Psychology 202 .................................... 4 term hours
   - Principles of Teaching 201 .................................... 4 term hours
   - Psychology of Reading 104 ................................. 4 term hours
   - Teaching 201, 202 ........................................... 8 term hours

2. Rhetoric 104 A, B, C ........................................... 9 term hours

3. Literature ................................................................ 12 term hours

4. History .................................................................. 12 term hours

5. Science and Mathematics:
   - Arithmetic 101 .................................................... 4 term hours
   - Geography 101 A, B, and an elective ............................ 12 term hours
   - Nature Study 131, or 132 .................................... 4 term hours

6. Music 105 ............................................................. 4 term hours

7. Art for Teachers 102 .............................................. 4 term hours

8. At pleasure ............................................................ 59 term hours
   (At least twelve term hours must be elected in work directly related
to subjects taught in the later elementary grades. These courses will
be in addition to any courses in that subject elected in fulfillment of
the other requirements.)

9. Required of all students in addition:
   - Library Methods.
   - Penmanship.
   - Five terms of Physical Education which must include course 202.

Minimum term hours required—144.

Note.—1. In as far as possible, consecutive courses should be elected in ful-
filment of the requirements of Groups 3, 4, and 8.

For the Five Year Certificate students must complete the requirements
outlined above excepting Group 8, Educational Psychology 202, and Teaching
202; and elect sufficient to total 96 term hours.
MANUAL ARTS CURRICULUM
(Three years in length)

For the Preparation of Teachers and Supervisors of Manual Arts

1. Psychology and Education:
   - Introductory Psychology 101 ........................................ 4 term hours
   - Educational Psychology 202 ....................................... 4 term hours
   - Principles of Teaching 201 ....................................... 4 term hours
   - Teaching 201, 202 .............................................. 8 term hours

2. Rhetoric 104 A, B, C .............................................. 9 term hours

3. Foreign Languages, Speech, and English in addition to Group 2 ........................................ 12 term hours

4. History, Economics, Political Science, and Sociology .................................................. 12 term hours

5. Science and Mathematics:
   - Applied Mathematics 112 ........................................ 4 term hours
   - Physics 160 ....................................................... 4 term hours
   - Electives ......................................................... 12 term hours

6. Manual Arts:
   - Mechanical Drawing 111 A, B .................................... 8 term hours
   - Household Mechanics 102A ...................................... 4 term hours
   - Advanced Benchwork 103A ...................................... 4 term hours
   - Wood Finishing 207, A, B ...................................... 5 term hours
   - Sheet Metal 222 .................................................. 4 term hours
   - Shop Organization 301 ......................................... 5 term hours
   - Electives ........................................................... 23 or 24 term hours

7. At pleasure (Not in Manual Arts) ......................................... 17 or 18 term hours

8. Required of all students in addition:
   - Library Methods.
   - Five terms of Physical Education.

Minimum term hours required—144.

Note.—1. In as far as possible, consecutive courses should be elected in fulfillment of the requirements of Groups 3, 4, 5, 7.
2. If it is desired that the work of this curriculum count as three years toward a degree, elections must be made in conformity with the requirements of a degree curriculum.
3. Students who enter without high school physics must elect Physics 100.
4. Those who elect a year of either college physics or mathematics may substitute another subject for Applied Mathematics 112.
5. Woodshop 99 and Mechanical Drawing 99 are required of all students who have not had similar work in high schools.
6. One unit of teaching should be deferred until the third year.
MUSIC CURRICULUM
(Three years in length)

For the Preparation of Teachers and Supervisors of Music

<table>
<thead>
<tr>
<th>Course</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Psychology and Education:</td>
<td></td>
</tr>
<tr>
<td>Introductory Psychology 101</td>
<td>4</td>
</tr>
<tr>
<td>Educational Psychology 202</td>
<td>4</td>
</tr>
<tr>
<td>Principles of Teaching 201</td>
<td>4</td>
</tr>
<tr>
<td>Teaching 201, 202, 203</td>
<td>12</td>
</tr>
<tr>
<td>2. Rhetoric 104 A, B, C</td>
<td>9</td>
</tr>
<tr>
<td>3. Foreign Languages, Speech, and English in addition to Group</td>
<td>8</td>
</tr>
<tr>
<td>2</td>
<td></td>
</tr>
<tr>
<td>4. History, Economics, Political Science and Sociology</td>
<td>8</td>
</tr>
<tr>
<td>5. Science and Mathematics</td>
<td>8</td>
</tr>
<tr>
<td>6. Music:</td>
<td></td>
</tr>
<tr>
<td>Fundamentals of Music 101, A, B, C</td>
<td>12</td>
</tr>
<tr>
<td>Voice Culture 116 A, B, C, 216 A, B, C</td>
<td>12</td>
</tr>
<tr>
<td>Music Education 206 A, B, C</td>
<td>12</td>
</tr>
<tr>
<td>Harmony 209 A, B, C</td>
<td>12</td>
</tr>
<tr>
<td>Ancient and Medieval Music 212A</td>
<td>4</td>
</tr>
<tr>
<td>Modern Composers 212B</td>
<td>4</td>
</tr>
<tr>
<td>Musical Appreciation 212C</td>
<td>4</td>
</tr>
<tr>
<td>Musical Composition and Analysis 320 A, B, C</td>
<td>12</td>
</tr>
<tr>
<td>(An elective in music may be substituted.)</td>
<td></td>
</tr>
<tr>
<td>Orchestration 331A</td>
<td>4</td>
</tr>
<tr>
<td>7. At pleasure (Not in Music)</td>
<td>11</td>
</tr>
<tr>
<td>8. Required of all students in addition:</td>
<td></td>
</tr>
<tr>
<td>Library Methods</td>
<td></td>
</tr>
<tr>
<td>Physical Education</td>
<td>5</td>
</tr>
<tr>
<td>Minimum term hours required—144.</td>
<td></td>
</tr>
</tbody>
</table>

Note.—1. Vocal or instrumental ensemble is required throughout the course.
2. In as far as possible, consecutive courses should be elected in fulfillment of the requirements of Groups 3, 4, 5, and 7.
3. If it is desired that the work of this curriculum count as three years toward a degree, elections must be made in conformity with the requirements of a degree curriculum.
4. One unit of teaching should be deferred until the third year.
5. Only 64 term hours in Music may be applied toward fulfillment of the requirements of a degree.
PHYSICAL EDUCATION FOR MEN CURRICULUM
(Three years in length)
For the Preparation of Teachers and Supervisors of Physical Education for
Men and Boys

1. Psychology and Education:
   - Introductory Psychology 101 ........................................ 4 term hours
   - Educational Psychology 202 ........................................ 4 term hours
   - Principles of Teaching 201 ........................................ 4 term hours
   - Teaching 201, 202, 203 ........................................ 12 term hours

2. Rhetoric 104 A, B, C ........................................ 9 term hours

3. Foreign Languages, Speech, and English in addition to
   Group 2 ........................................ 12 term hours

4. History or Sociology ........................................ 12 term hours

5. Science:
   - General Biology 103 A, B ........................................ 8 term hours
   - Hygiene 112, 312 ........................................ 8 term hours
   - Anatomy 211 A, B ........................................ 8 term hours
   - Physiology 211C ........................................ 4 term hours

6. Physical Education:
   - History of Physical Education 202 ........................................ 3 term hours
   - Kinesiology 205 ........................................ 4 term hours
   - Psychology of Coaching 210 ........................................ 3 term hours
   - Principles and Technique of Gymnastic Teaching 301 ........ 2 term hours
   - Theory and Practice of Individual Gymnastics 302 ........ 2 term hours
   - First Aid and Athletic Training 312 ........................................ 4 term hours
   - Football Technique 313 ........................................ 3 term hours
   - Basketball Technique 315 ........................................ 3 term hours
   - Baseball Technique 317 ........................................ 3 term hours
   - Track and Field Technique 319 ........................................ 3 term hours
   - Swimming 327 ........................................ 1 term hour
   - Camping and Scouting 332 ........................................ 4 term hours
   - Organization and Administration of Physical Education 404 ........................................ 4 term hours
   - Playground and Community Education 405 ........................................ 4 term hours

7. At pleasure (Not in Physical Education) ........................................ 16 term hours

8. Required of all students in addition:
   - Library Methods.
   - Practice courses in Physical Education 121 A, B, C, and
     221 A, B, C.

Minimum term hours required—144.
### PHYSICAL EDUCATION FOR MEN CURRICULUM

(A.B. or B.S. Degree)

(Four years in Length)

For the Preparation of Teachers and Supervisors of Physical Education for Men and Boys

1. **Psychology and Education:**
   - Introductory Psychology 101 ........................................ 4 term hours
   - Educational Psychology 202 ........................................ 4 term hours
   - Principles of Teaching 201 .......................................... 4 term hours
   - Teaching 201, 202, 203............................................... 12 term hours
   - Introduction to Educational Measurements 206 ................ 4 term hours
   - School Administration 316 ......................................... 4 term hours

2. **Rhetoric 104 A, B, C, 323........................................ 13 term hours

3. **English in addition to Group 2.**
   - Speech .......................................................... 8 term hours
   - Sociology ....................................................... 12 term hours

4. **History:**
   - Rhetoric 104 A, B, C, 323 ........................................ 13 term hours

5. **Science:**
   - General Biology 103 A. B. ........................................ 8 term hours
   - Physiology 211 C .................................................. 4 term hours
   - Anatomy 211 A, B .................................................. 8 term hours
   - Hygiene 112, 312 ................................................... 8 term hours

6. **Physical Education:**
   - History of Physical Education 202 .......................... 3 term hours
   - Kinesiology 205 ................................................... 4 term hours
   - Psychology of Coaching 210 ...................................... 3 term hours
   - Principles and Technique of Gymnastic Teaching 301 .. 2 term hours
   - Theory and Practice of Individual Gymnastics 302 .... 2 term hours
   - First Aid and Athletic Training 312 .......................... 4 term hours
   - Football Technique 313 ........................................... 3 term hours
   - Basketball Technique 315 ....................................... 3 term hours
   - Physiology of Exercise 304 ...................................... 3 term hours
   - Baseball Technique 317 .......................................... 3 term hours
   - Track and Field Technique 319 .................................. 3 term hours
   - Swimming 327 ....................................................... 1 term hour
   - Camping and Scouting 332 ........................................ 4 term hours
   - Thesis and Seminar 401 A, B, C .................................. 6 term hours
   - Principles of Physical Education 403 ......................... 3 term hours
   - Organization and Administration of Physical Education 404 ........ 4 term hours
   - Playground and Community Recreation 405 .................. 4 term hours
   - Program Problems in Physical Education 406 ............. 2 term hours

7. **At pleasure (Not in Physical Education) ....................... 12 term hours

8. **Required of all students in addition:**
   - Library Methods.
   - Practice courses in Physical Education 121 A, B, C, and 221 A, B, C.

**Minimum term hours required—192.**
PHYSICAL EDUCATION FOR WOMEN CURRICULUM
(Three years in length)

For the Preparation of Teachers and Supervisors of Physical Education
for Women and Girls

1. Psychology and Education:
   - Introductory Psychology 101 ........................................ 4 term hours
   - Educational Psychology 202 ........................................ 4 term hours
   - Principles of Teaching 201 ......................................... 4 term hours
   - Teaching 201, 202, 203 ............................................. 12 term hours
   - Rhetoric 104 A, B, C .............................................. 9 term hours

2. Foreign Languages, Speech, and English in addition to
   Group 2:
   - Fundamentals of Speech 101A ..................................... 4 term hours
   - Elective ........................................................................ 12 term hours

3. History, Economics, Political Science, and Sociology ............ 12 term hours

4. Science:
   - Biology 103 A, B ....................................................... 8 term hours
   - Hygiene 112 .................................................................. 4 term hours
   - Anatomy 211 A, B ....................................................... 8 term hours
   - Physiology 211C ......................................................... 4 term hours
   - Child Hygiene and Health Procedure 114 ...................... 4 term hours

5. Physical Education:
   - Swedish Theory and Practice 212 .................................. 2 term hours
   - Health Education 215 .................................................. 4 term hours
   - Methods 217 .................................................................. 4 term hours
   - Rhythmic Plays and Singing Games 218 ....................... 2 term hours
   - Playground Organization 219 ....................................... 3 term hours
   - Applied Anatomy 220 .................................................. 4 term hours
   - Theory of Athletics 222 .............................................. 2 term hours
   - Theory of Games 223 ................................................... 3 term hours
   - Theory of Swimming 224 ............................................ 2 term hours
   - History and Administration of Physical Education 321 .... 4 term hours
   - Community Recreation, Scouting, Campfire 322 ......... 4 term hours
   - Individual Gymnastics 323 .......................................... 4 term hours
   - Advanced Coaching Technique 324 .............................. 4 term hours

6. At pleasure with consent of adviser (Not in Physical
   Education) .................................................................. 13 term hours

8. Required of all students in addition:
   - Library Methods.
   - Physical Education 110 A, B, C; 111; 113; 125 A, B, C; 126 A, B, C;
     210 A, B, C; 213 A, B, C; 225 A, B, C; 226 A, B, C; 310 A, B; 311;
     313 A, B, C; 325 A, B, C; 326 A, B, C.

Minimum term hours required—144.

Note.—1. In as far as possible, consecutive courses should be elected in ful-
        fillment of the requirements of Groups 3, 4, and 7.
2. If it is desired that the work of this curriculum count as three
   years toward a degree, elections must be made in conformity
   with the requirements of a degree curriculum.
3. One unit of teaching should be deferred until the third year.
4. Candidates for a degree are required to take five hours a week
   of practice work each term of their senior year. These courses
   must be selected with the approval of the adviser.
**RURAL ELEMENTARY CURRICULUM**

*(Three years in Length)*

**For the Preparation of Teachers of Rural Elementary Schools**

This Curriculum leads to a Life Certificate

1. **Psychology and Education:**
   - Introductory Psychology 101 ........................................ 4 term hours
   - Educational Psychology 202 ....................................... 4 term hours
   - Principles of Teaching 101R ...................................... 4 term hours
   - Teaching 201, 202 .................................................. 8 term hours
   - Curriculum 101 ...................................................... 4 term hours
   - Rural Education 201 A, B, C ..................................... 12 term hours
   - Psychology of Reading 104 ...................................... 4 term hours

2. **Rhetoric 104 A, B, C** ........................................ 9 term hours

3. **Foreign Languages, Speech, and English in addition to**
   - Group 2 .................................................................. 12 term hours

4. **History, Economics, Political Science, and Sociology** .... 12 term hours

5. **Science and Mathematics:**
   - Arithmetic 101 .................................................... 4 term hours
   - Nature Study 131, 132, or Agriculture 141 ................. 4 term hours
   - Geography 101 A, B .................................................. 8 term hours

6. **Music 106** ......................................................... 4 term hours

7. **Art for Teachers 102** ............................................ 4 term hours

8. **At pleasure** ...................................................... 47 term hours

9. **Required of all students in addition:**
   - Library Methods.
   - Penmanship.
   - Physical Education:
     - For Men—five terms.
     - For women—five terms, including course 202.

**Minimum term hours required—144.**

**Note.**—1. In as far as possible, consecutive courses should be elected in fulfillment of the requirements of Groups 3, 4.
RURAL ELEMENTARY CURRICULUM
(Two years in length)

Leading to a Five Year Certificate for Teachers of Rural Elementary Schools

1. Psychology and Education:
   - Introductory Psychology 101 .................................................. 4 term hours
   - Principles of Teaching 101R .................................................... 4 term hours
   - Teaching 201 ........................................................................ 4 term hours
   - Curriculum 101 ....................................................................... 4 term hours
   - Rural Education 201 A, B, C .................................................... 12 term hours

2. Rhetoric 104 A, B, C ................................................................. 9 term hours

3. Foreign Languages, Speech, and English in addition to Group 2 .................................................. 12 term hours

4. History, Economics, Political Science, and Sociology .................................................. 12 term hours

5. Science and Mathematics:
   - Arithmetic 101 ....................................................................... 4 term hours
   - Nature Study 131, 132, or Agriculture 141 ................................. 4 term hours
   - Geography 101 A, B .................................................................. 8 term hours

6. Music 106 .................................................................................. 4 term hours

7. Art for Teachers 102 .................................................................... 4 term hours

8. At pleasure .......................................................................... 11 term hours

9. Required of all students in addition:
   - Library Methods.
   - Penmanship.
   - Physical Education:
     - For men—five terms.
     - For women—five terms, including course 202.

Minimum term hours required—96.

Note.—1. In as far as possible, consecutive courses should be elected in fulfillment of the requirements of Groups 3, 4.
RURAL HIGH SCHOOL CURRICULUM
(Three years in length)

For the Preparation of Teachers of Rural High Schools

1. Psychology and Education:
   Introductory Psychology 101 .... 4 term hours
   Educational Psychology 202 .... 4 term hours
   Principles of Teaching 101R .... 4 term hours
   Teaching 201, 202 ............... 8 term hours
   Rural Education 201 A, B, C .... 12 term hours

2. Rhetoric 104 A, B, C .......... 9 term hours

3. A sequence of 28 term hours including 4 term hours of teaching.

4. A sequence of 16 term hours including 4 term hours of teaching.

5. Two sequences in addition to the requirements in Groups 3 and 4 consisting of 12 term hours each.

6. The remaining units to be taken in groups of 12 term hours each or miscellaneously with the consent of the advisor.

7. Required of all students in addition:
   Library Methods.
   Penmanship.
   Physical Education:
      For men—five terms.
      For women—five terms, including course 202.

Minimum term hours required—144.

Note.—1. All elections for sequences must be made with the approval of a member of the department in which the work is to be taken.

2. Sequences are available in science, mathematics, literature, history, and social science, and in agriculture, home economics, and manual arts.

3. Mature second year students who have had sufficient teaching experience and are able to do independent study, may elect work in rural education in the seminar course for third and fourth year students with the consent of the instructor. This course meets two hours per week.

Students completing two years of work (96 term hours) of this curriculum, under the guidance of their advisers, may qualify for the Five Year Certificate. Such students omit Educational Psychology 202 and Teaching 202.
SENIOR HIGH SCHOOL CURRICULUM
(Three years in length)

For the Preparation of Teachers of Grades 10, 11 and 12

1. Psychology and Education:
   - Introductory Psychology 101 ........................................ 4 term hours
   - Educational Psychology 202 ........................................ 4 term hours
   - Principles of Teaching 201 ........................................ 4 term hours
   - Teaching 201, 202 .................................................. 8 term hours

2. Rhetoric 104 A, B, C .................................................. 9 term hours

3. A major sequence of 36 term hours including 4 term hours of teaching.

4. A minor sequence of 18 to 24 term hours in another subject, including 4 term hours of teaching.

5. A sequence, other than major or minor, consisting of 12 term hours.

6. The remaining units should be taken in groups of 12 term hours of consecutive courses in subjects not chosen as a major or minor sequence, or miscellaneously with the consent of the advisor.

7. Required of all students in addition:
   - Library Methods.
   - Physical Education:
     - For men—five terms.
     - For women—five terms, including course 202.

Minimum term hours required—144.

Note.—1. A sequence consists of two or more consecutive, coherent courses in a given subject.

2. All elections for major and minor sequences must be made with the approval of a member of the department in which the work is to be taken.

3. Majors and minors may be counted in Foreign Languages, English, History, Mathematics, Biology, Geography, Chemistry, and Physics and Speech.

4. In making elections, it should be held in mind that graduates in this curriculum obtain positions in the small high schools only, and will be expected to teach at least four subjects.

Students completing two years of work (96 term hours) of this curriculum, under the guidance of their advisers, may qualify for the Five Year Certificate. Such students omit Educational Psychology 202 and Teaching 202.
THREE YEAR CERTIFICATE CURRICULUM
[Formerly Called Limited Certificate Curriculum]
(One year and one Summer Session in length)

A Shorter Curriculum for the Preparation of Teachers of Rural Elementary Schools

The Limited Certificate curriculum requires a year and a Summer session of work beyond the four-year high schools, and leads to a certificate good for three years in Michigan schools.

Students in the Three Year Certificate curriculum are urged to elect three consecutive units, with a view of taking any Life Certificate curriculum which they may decide to enter when they return for further work.

1. Psychology and Education:
   - Introductory Psychology 101. 4 term hours
   - Principles of Teaching 101R. 4 term hours
   - Curriculum 101. 4 term hours
   - Teaching 101. 4 term hours

2. English Composition 101A. 4 term hours

3. Sociology 103. 4 term hours

4. Art for Teachers 102. 4 term hours

5. Music 106. 4 term hours

6. Electives (selected from the following) 24 term hours
   - Literature for Children 103. 4 term hours
   - Psychology of Reading 104. 4 term hours
   - American History 101, A, B, or C. 4 term hours
   - Geography 101A. 4 term hours
   - Arithmetic 101. 4 term hours
   - Hygiene 112. 4 term hours
   - Nature Study 131, or 132. 4 term hours
   - Agriculture 141. 4 term hours

7. Non-credit courses required of all students:
   - Library Methods.
   - Penmanship.
   - Three terms of Physical Education.
     For women—must include course 202.

Minimum term hours required—56.

Note.—1. A student may elect any six of the courses listed in Group 6 or he may elect certain consecutive courses in a given subject with the consent of the adviser.

2. Students who have not had Agriculture in the high school should elect this subject or Nature Study according to the enrollee's advice.
ONE YEAR OF PROFESSIONAL TRAINING

The Curriculum Approved by the State Department of Public Instruction for the Preparation of Teachers for Rural Elementary Schools

(a) Each applicant must complete the following subjects:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introductory Psychology 101</td>
<td>4</td>
</tr>
<tr>
<td>Observation and Teaching 101</td>
<td>4</td>
</tr>
<tr>
<td>English Composition 101A</td>
<td>4</td>
</tr>
<tr>
<td>Hygiene 112</td>
<td>4</td>
</tr>
<tr>
<td>Agriculture 141</td>
<td>4</td>
</tr>
<tr>
<td>Psychology of Reading 104</td>
<td>4</td>
</tr>
<tr>
<td>Principles (Technique) of Teaching 101R</td>
<td>4</td>
</tr>
<tr>
<td>Curriculum 101</td>
<td>4</td>
</tr>
</tbody>
</table>

(b) Each applicant must complete a year's work by electing from this list of subjects:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art for Teachers</td>
<td>4</td>
</tr>
<tr>
<td>Music 106</td>
<td>4</td>
</tr>
<tr>
<td>History 101 A, B, or C</td>
<td>4</td>
</tr>
<tr>
<td>Geography 101A</td>
<td>4</td>
</tr>
<tr>
<td>Arithmetic 101</td>
<td>4</td>
</tr>
<tr>
<td>Grammar</td>
<td>4</td>
</tr>
<tr>
<td>Rural Sociology 103</td>
<td>4</td>
</tr>
<tr>
<td>Nature Study 131</td>
<td>4</td>
</tr>
<tr>
<td>Educational Psychology 202</td>
<td>4</td>
</tr>
</tbody>
</table>

(c) Required of each applicant in addition:

<table>
<thead>
<tr>
<th>Subject</th>
</tr>
</thead>
<tbody>
<tr>
<td>Penmanship</td>
</tr>
<tr>
<td>Physical Education, 2 terms.</td>
</tr>
</tbody>
</table>

Minimum term hours required—48.

Note.—1. "Four term hours" means one course for twelve weeks with four recitations per week or their equivalent.

2. Not more than one-sixth of the work required for one year of professional training may be done by correspondence or in extension classes.

3. In order to obtain a certificate, after the completion of the course outlined above, the student must make application to the Superintendent of Public Instruction at Lansing.