Details of Curricula 1933-1934

Western Michigan University

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DETAILS OF CURRICULA
OFFERED BY
Western State Teachers College
1933-1934

KALAMAZOO, MICHIGAN
DIRECTIONS FOR CORRESPONDENCE WITH WESTERN STATE TEACHERS COLLEGE

Correspondence with Western State Teachers College should be addressed as indicated below:

a) Requests for catalogs, bulletins, blanks for recording high school credits, and other literature—The Registrar.
b) Concerning the adjustment of credits—The Registrar.
c) Concerning board, rooms, and remunerative work for men—The Dean of Men.
d) Concerning board, rooms and remunerative work for women—The Dean of Women.
e) Concerning rural education—The Director of the Department of Rural Education.
f) Concerning extension work—The Director of the Extension Department.
g) Concerning educational research—The Director of the Bureau of Educational Measurement and Research.
h) Other general inquiries—The Registrar.

INFORMATION FOR NEW STUDENTS

Students applying for admission should

a) Have certified copies of their high school credits mailed to the Registrar by the high school from which graduated.
b) If entering with advanced standing from any county normal, normal school, college, or university, have mailed to the Registrar complete official statements regarding the work for which credit is sought.
c) Have credits sent in at as early a date as possible.
DEGREES AND CERTIFICATES

Although a student may enter Western State Teachers College before he is eighteen years of age, all applicants for certificates to teach must be at least eighteen years of age and must be citizens of the United States, or have signified their intention of becoming citizens by having taken out the first papers.

Applications for degrees and certificates must be filed with the Registrar early in the term in which it is desired that they be granted.

"The State Board of Education for the State of Michigan, through Western State Teachers College, confers degrees and grants teachers certificates as follows:

1. The Degree of Bachelor of Arts.
   The Degree of Bachelor of Science.
3. The Five Year Certificate, valid for five years in the Public Schools of Michigan.
4. The Three Year Certificate, valid for three years in the Public Schools of Michigan.

ACADEMIC AND RESIDENT REQUIREMENTS

1. For the Bachelor Degree the candidate shall—
   a. present credits satisfying a prescribed curriculum and aggregating 192 term hours or four years;
   b. have satisfactorily completed in residence at this institution at least 48 term hours;
   c. have been in residence at this institution the term immediately preceding graduation;
   d. satisfy the requirements for the life certificate.

2. For the Life Certificate the candidate shall—
   a. present credits satisfying a prescribed curriculum and aggregating 192 term hours or four years;
   b. have satisfactorily completed in residence at this institution at least 48 term hours;
   c. have been in residence at this institution the term immediately preceding graduation.

IMPORTANT NOTICE

"After June 20, 1932, no entrant to (any State Teachers College) can earn credits to apply on any life certificate curriculum requiring less than 192 term hours, provided, however, that students who enter by transfer, presenting at least 8 term hours of acceptable resident credit earned before June 20, 1932, will be allowed to complete a three-year life certificate course, if the work shall be accomplished before September 1, 1936. Provided further, that after September 1, 1936, no person shall be eligible for a life certificate on any curriculum requiring less than 192 term hours (4 years)."

3. For the Five Year Certificate (See Note 1) the candidate shall—
   a. present credits satisfying a prescribed curriculum and aggregating 96 term hours or two years;
   b. have satisfactorily completed in residence at this institution at least 32 term hours; (See Note 2)
   c. have been in residence at this institution the term immediately preceding graduation.

4. For the Three Year Certificate the candidate shall—
   a. present credits satisfying a prescribed curriculum and aggregating 56 term hours or one year and one summer session;
   b. have satisfactorily completed in residence at this institution at least 32 term hours; (See Note 3)
   c. have been in residence at this institution the term immediately preceding graduation.
Note 1. The Five Year Certificate may be extended for one period of three years provided the holder shall
(a) make application to the college for such extension before the expiration of the certificate;
(b) submit satisfactory evidence that he has taught successfully during the life of the certificate for not less than three years;
(c) submit evidence that he has during the life of the certificate completed work aggregating not less than 16 term hours of acceptable credit.

Note 2. (a) If the candidate for the Five Year Certificate shall have entered from a Michigan State Teachers College or from the Detroit Teachers College with at least 16 term hours of acceptable resident credit there earned, 16 term hours shall satisfy the resident requirement at this institution.
(b) If the candidate for the Five Year Certificate shall have entered as a graduate from a Michigan County Normal School, he shall complete in residence at this institution 48 term hours.

Note 3. (a) If a candidate for the Three Year Certificate shall have entered from a Michigan State Teachers College or from the Detroit Teachers College, with at least 16 term hours of acceptable resident credit there earned, 16 term hours shall satisfy the resident requirement at this institution.
(b) If a candidate for the Three Year Certificate shall have entered as a graduate from a Michigan County Normal School, he shall complete in residence at this institution 24 term hours.

Note 4. A candidate presenting credits as a graduate of a Michigan County Normal School and who in addition thereto presents entrance credits satisfying the requirements of this institution shall be granted—
1. For the Life Certificate, 40 term hours;
2. For the Five Year Certificate, 40 term hours;
3. For the Three Year Certificate, 32 term hours.

CREDITS ORDINARILY ACCEPTED FROM COUNTY NORMAL

Introductory Psychology .................................. 4 term hours
Practice Teaching ........................................ 4 “ “
Teachers Art .............................................. 4 “ “
Music .......................................................... 4 “ “
Arithmetic ................................................... 4 “ “
Agriculture ............................................... 4 “ “
Psychology of Reading ................................ 4 “ ”
Grammar (English elective) .............................. 4 “ ”
U. S. History ............................................ 4 “ ”
Geography (elective) ................................... 4 “ ”

40 term hours]

“Note 5. Not more than one-fourth of the number of hours necessary for any certificate or degree may be taken in extension or by correspondence. Such credit, however, cannot be applied to modify the minimum or final resident requirements.”

GENERAL REGULATIONS

In studying the following details with regard to the general and specific requirements for degrees and certificates, these facts should be kept in mind:

(1) The outlines of requirements for the life certificate and the degree on a four year basis are in accord with a recent ruling of the State Board of Education requiring that students who do not present at least eight term hours of acceptable college credit previous to June 20, 1932, must present 192 term hours of credit for a life certificate.

(2) The four year requirements for the life certificate are not retroactive; that is, a student who has begun his work for a life certificate on the three
year basis will be able to complete his work for the life certificate on that basis, provided he shall have accomplished this work before September 1, 1936. Such students should refer to the 1931-32 catalogue for requirements.

(3) It is still possible for a student to obtain a five year certificate from this institution in the following fields: Early Elementary, Later Elementary, Junior High School, Senior High School, Rural Elementary, and Rural High School. This five year certificate may be granted at the end of two years of work taken with the advice and consent of the advisers in charge of these particular departments of specialization.

(4) A curriculum one year and one summer term in length, leading to the three year certificate, and a curriculum one year in length, meeting the State minimum professional requirements, are provided.

I. Degrees and Life Certificates.

A student fulfilling all general and specific requirements for graduation from a four year curriculum offered at Western State Teachers College will be recommended for the Life Certificate in addition to the degree of Bachelor of Arts or of Bachelor of Science. Ordinarily a student will receive the degree of Bachelor of Arts. A student completing satisfactorily at least 72 term hours of work in Mathematics and Science may elect to receive the degree of Bachelor of Science.

Special distinction, to be recorded on the diploma, may be earned by a student under the provisions of the rules adopted by the Committee on Certification.

II. Credit Hours and Honor Points.

A student who has met all general requirements and in addition specific requirements for some curriculum involving a minimum of 192 term hours of work including at least as many honor points as four term hours subjects carried and who also satisfies the Committee on Certification that he possesses good health, distinctive moral character, acceptable personality, along with recognized scholarship, teaching abilities and interests, will be recommended for graduation with a life certificate in addition to a degree.

III. General Requirements.

1. A student presenting himself as a candidate for graduation, must, in addition to all other requirements, offer minimum amounts of credit from the following groups:

   A. Rhetoric ........................................ 12 term hours
   B. Economics, History, Political Science, Sociology ............. 20 term hours
   C. Ancient Language, English Language, Modern Language (in addition to A above) ................... 20 term hours
   D. Biology, Chemistry, Geography, Geology, Mathematics, Physics .......... 20 term hours
   E. General Psychology .................................. 5 term hours
   F. Education .......................................... 20 term hours
   G. Practice Teaching .................................... 12 term hours

   N. B. Isolated courses may not be counted as satisfying conditions of the requirements in groups B, C, and D.

2. To complete the minimum requirement of 192 term hours for graduation, a student may elect courses regularly offered by the various departments of the College, subject only to the following regulations:

   a) Not more than 64 term hours may be elected from any department.
   b) A candidate for graduation must present (1) a major sequence of at least thirty-six (36) term hours of consecutive, coherent courses chosen from a department or from related departments; and (2) a
minor sequence of at least twenty-four (24) hours of consecutive, coherent courses chosen from a department or from related departments.

IV. Minimum Resident Requirement.

No candidate for graduation will be recommended by the Committee on Certification, unless (1) he has spent at least thirty-six weeks in residence at Western State Teachers College; (2) unless he has earned during that period at least 48 term hours of credit; and (3) unless he has been in residence the term immediately preceding graduation.

V. Practice Teaching Regulations.

1. A student expecting to apply for permission to do practice teaching must have filed with the Registrar at least one term in advance a program of the work already completed and a tentative program of the work he wishes to carry subsequently. It is desirable that this statement be filed before the end of the sophomore year, if possible.

2. A student will not be permitted to carry practice teaching, if he is deficient in honor points.

3. A candidate for a life certificate must have completed at least three (3) terms of practice teaching (4 term hours each).

VI. Additional Restrictions.

1. At least half of the work beyond forty-eight (48) hours of acceptable credit must be in courses not open to freshmen.

2. Seniors should not enroll in courses open to freshmen.

VII. Regulations Governing Freshmen.

1. A freshman must carry Rhetoric 104A, 104B, and 104C.

2. A freshman may elect other courses subject only to the following conditions:

a) At least seven term hours must be chosen from the departments of:

1. Agriculture
2. Ancient Languages
3. Biology
4. Chemistry
5. Economics
6. English
7. Geography
8. History
9. Mathematics
10. Modern Languages
11. Physics
12. Speech

3. Not more than five term hours of work may be elected from all other departments.

4. Not more than five term hours of work may be elected from the same department. (Rhetoric excepted)
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. Special curricula four years in length leading to the Bachelor's Degree and Life Certificate:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art</td>
<td>9</td>
</tr>
<tr>
<td>Art and Music</td>
<td>10</td>
</tr>
<tr>
<td>Business Administration</td>
<td>11</td>
</tr>
<tr>
<td>Commerce</td>
<td>12</td>
</tr>
<tr>
<td>Early Elementary</td>
<td>13</td>
</tr>
<tr>
<td>Home Economics</td>
<td>14</td>
</tr>
<tr>
<td>Junior High School</td>
<td>15</td>
</tr>
<tr>
<td>Later Elementary</td>
<td>16</td>
</tr>
<tr>
<td>Manual Arts</td>
<td>17</td>
</tr>
<tr>
<td>Manual Arts and Physical Education</td>
<td>18</td>
</tr>
<tr>
<td>Music</td>
<td>19</td>
</tr>
<tr>
<td>Physical Education for Men</td>
<td>20</td>
</tr>
<tr>
<td>Physical Education for Women</td>
<td>21</td>
</tr>
<tr>
<td>Rural Elementary</td>
<td>22 and 24</td>
</tr>
<tr>
<td>Rural High School</td>
<td>23</td>
</tr>
<tr>
<td>Senior High School</td>
<td>27</td>
</tr>
<tr>
<td>Special Education</td>
<td>28</td>
</tr>
</tbody>
</table>

2. Curricula two years in length leading to the Five Year Certificate in—

<table>
<thead>
<tr>
<th>Subject</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Early Elementary</td>
<td>13</td>
</tr>
<tr>
<td>Junior High School</td>
<td>15</td>
</tr>
<tr>
<td>Later Elementary</td>
<td>16</td>
</tr>
<tr>
<td>Rural Elementary</td>
<td>17</td>
</tr>
<tr>
<td>Rural High School</td>
<td>22</td>
</tr>
<tr>
<td>Senior High School</td>
<td>23</td>
</tr>
<tr>
<td>Special Education</td>
<td>27</td>
</tr>
</tbody>
</table>

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

4. Curriculum one year in length meeting state professional requirements—
   One Year Professional Training Curriculum, page 25.

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 page 41 of the annual catalog.
ART CURRICULUM
(For the Preparation of Teachers and Supervisors of Art)

A. Rhetoric ................................................. 12 term hours

B. Economics, History, Political Science, Sociology .................. 20 term hours

C. Ancient Language, English Language, Modern Language
   (in addition to A above) .................................. 20 term hours

D. Biology, Chemistry, Geology, Geography, Mathematics,
   Physics .................................................. 20 term hours

E. General Psychology 200 .................................. 5 term hours

F. Education
   Educational Psychology 203A, B .................................. 6 term hours
   Principles of Teaching 230 ................................... 3 term hours
   History of Educational Thought 433 ........................... 4 term hours
   Art Observation 206 ........................................ 4 term hours
   Art Supervision 313 ......................................... 4 term hours
   Practice Teaching 301, 302, 303 ................................ 12 term hours

G. Art
   Teachers Art 102 .......................................... 4 term hours
   Industrial Art 103 .......................................... 4 term hours
   Elementary Design 109 ...................................... 4 term hours
   Figure Drawing 205 ......................................... 4 term hours
   Art Composition 208 ......................................... 4 term hours
   History of Art 211 A, B .................................... 8 term hours
   Demonstration Drawing 207 .................................. 4 term hours
   Commercial Art 214 ......................................... 4 term hours
   Advanced Design 309 ........................................ 4 term hours
   Advanced Figure Drawing 304 ................................ 4 term hours
   Advanced Art Composition 308 ................................ 4 term hours
   Art Electives ................................................ 16 term hours

H. At pleasure (not in Art) .................................... 18 term hours

I. Required of all students in addition:
   Library Methods
   Physical Education: 5 terms. Women must include one individual
   sport and one team sport.
# ART AND MUSIC CURRICULUM

(For the Preparation of Teachers of Art and Music)

<table>
<thead>
<tr>
<th>Category</th>
<th>Courses</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Rhetoric</td>
<td>12 term hours</td>
<td></td>
</tr>
<tr>
<td>B. Economics, History, Political Science, Sociology</td>
<td>20 term hours</td>
<td></td>
</tr>
<tr>
<td>C. Ancient Language, English Language, Modern Language (in addition to A above)</td>
<td>20 term hours</td>
<td></td>
</tr>
<tr>
<td>D. Biology, Chemistry, Geography, Geology, Mathematics, Physics</td>
<td>20 term hours</td>
<td></td>
</tr>
<tr>
<td>E. General Psychology 200</td>
<td>5 term hours</td>
<td></td>
</tr>
<tr>
<td>F. Education:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Educational Psychology 203 A, B</td>
<td>6 term hours</td>
<td></td>
</tr>
<tr>
<td>Principles of Teaching 230</td>
<td>3 term hours</td>
<td></td>
</tr>
<tr>
<td>History of Educational Thought 433</td>
<td>4 term hours</td>
<td></td>
</tr>
<tr>
<td>Art Observation 206</td>
<td>4 term hours</td>
<td></td>
</tr>
<tr>
<td>Art Supervision 313</td>
<td>4 term hours</td>
<td></td>
</tr>
<tr>
<td>Music Education 206 A, B, C</td>
<td>12 term hours</td>
<td></td>
</tr>
<tr>
<td>Practice Teaching 301, 302, 303</td>
<td>12 term hours</td>
<td></td>
</tr>
<tr>
<td>G. Art:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Teachers Art 102</td>
<td>4 term hours</td>
<td></td>
</tr>
<tr>
<td>Industrial Art 103</td>
<td>4 term hours</td>
<td></td>
</tr>
<tr>
<td>Elementary Design 109</td>
<td>4 term hours</td>
<td></td>
</tr>
<tr>
<td>Figure Drawing 205</td>
<td>4 term hours</td>
<td></td>
</tr>
<tr>
<td>Demonstration Drawing 207</td>
<td>4 term hours</td>
<td></td>
</tr>
<tr>
<td>Art Composition 208</td>
<td>4 term hours</td>
<td></td>
</tr>
<tr>
<td>History of Art 211B</td>
<td>4 term hours</td>
<td></td>
</tr>
<tr>
<td>Advanced Art Composition 308</td>
<td>4 term hours</td>
<td></td>
</tr>
<tr>
<td>Music:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fundamentals of Music 101 A, B, C</td>
<td>12 term hours</td>
<td></td>
</tr>
<tr>
<td>Voice Culture 116 A, B</td>
<td>4 term hours</td>
<td></td>
</tr>
<tr>
<td>Harmony 209 A, B</td>
<td>8 term hours</td>
<td></td>
</tr>
<tr>
<td>Modern Composers 212B</td>
<td></td>
<td></td>
</tr>
<tr>
<td>or Music Appreciation 212C</td>
<td>4 term hours</td>
<td></td>
</tr>
<tr>
<td>H. At pleasure</td>
<td>10 term hours</td>
<td></td>
</tr>
<tr>
<td>I. Required of all students in addition:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Library Methods</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physical Education: 5 terms. Women must include one individual sport and one team sport.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### BUSINESS ADMINISTRATION CURRICULUM

(For the Preparation of Teachers of Economics and for General Business Education)

<table>
<thead>
<tr>
<th>Section</th>
<th>Courses and Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A. Rhetoric</strong></td>
<td>12 term hours</td>
</tr>
<tr>
<td><strong>B. Economics</strong></td>
<td></td>
</tr>
<tr>
<td>Principles of Economics 201 A, B</td>
<td>8 term hours</td>
</tr>
<tr>
<td>Financial Organization 202</td>
<td>4 term hours</td>
</tr>
<tr>
<td>General Business Administration 302</td>
<td>4 term hours</td>
</tr>
<tr>
<td>Corporations 303</td>
<td>4 term hours</td>
</tr>
<tr>
<td>Marketing 304 A, B</td>
<td>6 term hours</td>
</tr>
<tr>
<td>Transportation 305 A, B, C</td>
<td>6 term hours</td>
</tr>
<tr>
<td>Business and Government 306</td>
<td>4 term hours</td>
</tr>
<tr>
<td><strong>History and Political Science</strong></td>
<td></td>
</tr>
<tr>
<td>U. S. History 201C, (201 A, B elective)</td>
<td>4 term hours</td>
</tr>
<tr>
<td>Economic Development of the United States 303</td>
<td>4 term hours</td>
</tr>
<tr>
<td>Political Science 201 A, B, C</td>
<td>12 term hours</td>
</tr>
<tr>
<td><strong>C. Ancient Language, English Language, Modern Language</strong></td>
<td>20 term hours</td>
</tr>
<tr>
<td>(In addition to A above)</td>
<td></td>
</tr>
<tr>
<td><strong>D. Laboratory Science</strong></td>
<td></td>
</tr>
<tr>
<td>Chemistry, Physics, Geology, Botany, Biology</td>
<td>12 term hours</td>
</tr>
<tr>
<td>Mathematics:</td>
<td></td>
</tr>
<tr>
<td>100 A, B, C; or 103 A, B, C; or 104 A, B, C</td>
<td>12-15 term hours</td>
</tr>
<tr>
<td><strong>E. General Psychology</strong></td>
<td>5 term hours</td>
</tr>
<tr>
<td><strong>F. Education</strong></td>
<td></td>
</tr>
<tr>
<td>Educational Psychology 203 A, B</td>
<td>6 term hours</td>
</tr>
<tr>
<td>Principles of Teaching 230</td>
<td>3 term hours</td>
</tr>
<tr>
<td>Introduction to Statistics 251</td>
<td>4 term hours</td>
</tr>
<tr>
<td>Practice Teaching 301, 302, 303</td>
<td>12 term hours</td>
</tr>
<tr>
<td>History of Educational Thought 433</td>
<td>4 term hours</td>
</tr>
<tr>
<td>Elective</td>
<td>3 term hours</td>
</tr>
<tr>
<td><strong>G. Commerce</strong></td>
<td></td>
</tr>
<tr>
<td>Accounting 201 A, B, C</td>
<td>12 term hours</td>
</tr>
<tr>
<td>Business Law 304, A, B, C</td>
<td>9 term hours</td>
</tr>
<tr>
<td><strong>H. At pleasure</strong></td>
<td>19-22 term hours</td>
</tr>
<tr>
<td><strong>I. Required of all students in addition:</strong></td>
<td></td>
</tr>
<tr>
<td>Library Methods</td>
<td></td>
</tr>
<tr>
<td>Penmanship</td>
<td></td>
</tr>
<tr>
<td>Physical Education:</td>
<td>5 terms</td>
</tr>
</tbody>
</table>
COMMERCE CURRICULUM
(For the Preparation of Teachers of Commerce)

A. Rhetoric .................................................. 12 term hours

B. Economics:
   Principles of Economics 201 A, B ........................ 8 term hours
   Financial Organization 202 ......................... 4 term hours
   Electives from third or fourth year courses .... 12 term hours

C. Ancient Language, English Language, Modern Language,
   (in addition to A above) ......................... 20 term hours

D. Science and Mathematics:
   Year sequence in Biology, Chemistry, Geology, Geog-
   raphy, Mathematics, Physics .................. 12 term hours
   Elective ........................................... 8 term hours

E. General Psychology 200 ............................. 5 term hours

F. Education:
   Educational Psychology 203 A, B .................. 6 term hours
   Principles of Teaching 230 ....................... 3 term hours
   History of Educational Thought 433 .............. 4 term hours
   Principles of Secondary Commercial Education 306 3 term hours
   Practice Teaching 301, 302, 303 .............. 12 term hours
   Teaching of Shorthand and Typewriting 202 .... 2 term hours
   Teaching of Bookkeeping 204 ................... 2 term hours
   Teaching of Junior Business Science 205 ....... 2 term hours

G. Commerce:
   Shorthand and Typewriting 102 A, B, C .......... 12 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

H. At pleasure ............................................ 40 term hours

I. Required of all students in addition:
   Library Methods
   Penmanship
   Physical Education: 5 terms. Women must include one individual
   sport and one team sport.
EARLY ELEMENTARY CURRICULUM
(For the Preparation of Teachers of the Kindergarten and of Grades 1 and 2)

A. Rhetoric ......................................................... 12 term hours
B. Economics, History, Political Science .......................... 20 term hours
C. Ancient Language, English Language, Modern Language, (in addition to A above) .................................................. 20 term hours
D. Science and Mathematics:
   Biology, Chemistry, Geography, Geology, Mathematics, Physics .................................................. 20 term hours
   Nature Study 231 .................................................. 4 term hours
E. General Psychology 200 ............................................ 5 term hours
F. Education:
   Educational Psychology 203 A, B .................................. 6 term hours
   Principles of Teaching 230 ....................................... 3 term hours
   Psychology of Reading 212 ...................................... 4 term hours
   History of Educational Thought 433 ............................ 4 term hours
   Early Elementary Education 140, 241A, 241B ................. 12 term hours
   Stories for Childhood 242 .................................... 4 term hours
   Psychology of Childhood 340 ................................... 4 term hours
   Practice Teaching 301, 302, 303 ............................... 12 term hours
   (Elect one of the following:)
   Early Elementary Problems 441 ................................ 3 term hours
   Parent Education 442 ........................................... 3 term hours
   Nursery School Education 443 .................................. 3 term hours
G. Requirements in other departments:
   Teachers Art 102 .................................................. 4 term hours
   Illustrative Handwork 107 ...................................... 4 term hours
   Music 104 .......................................................... 4 term hours
   Speech 101 A, B .................................................. 8 term hours
H. At pleasure ....................................................... 39 term hours
I. Required of all students in addition:
   Library Methods
   Penmanship
   Physical Education: 5 terms, including one individual sport, one team sport, and course 230.

Students who complete 96 term hours of work in this curriculum under the direction and advice of the curriculum adviser may be granted a five year certificate.
HOME ECONOMICS CURRICULUM
(For the Preparation of Teachers and Supervisors of Home Economics)
A. Rhetoric .................................................. 12 term hours
B. Economics, History, Political Science, Sociology .................. 20 term hours
C. Ancient Language, English Language, Modern Language
   (in addition to A above) .................................. 20 term hours
D. Science and Mathematics:
   Chemistry 103 A, B, C, and 203 .................................. 16 term hours
   Biology 201 ................................................. 4 term hours
   Physiology 211C ........................................... 4 term hours
E. General Psychology 200 ...................................... 5 term hours
F. Education:
   Educational Psychology 203 A, B .................................. 6 term hours
   Principles of Teaching 230 .................................... 3 term hours
   History of Educational Thought 433 .............................. 4 term hours
   Home Economics Education 209 .................................. 4 term hours
   Home Economics Education 409 .................................. 4 term hours
   Practice Teaching 301, 302, 303 ................................ 12 term hours
G. Home Economics:
   Introductory Home Economics 101, 102 ............................. 4 term hours
   Clothing 103 and 205 ........................................ 8 term hours
   Foods 104 and 312 .......................................... 8 term hours
   Home Management 306 ....................................... 4 term hours
   Nutrition 206 ................................................ 4 term hours
   Electives in Home Economics (or related departments) ........ 20 term hours
   Requirements in other departments:
   Costume Design 110 ......................................... 4 term hours
   Home Furnishing 210 ......................................... 4 term hours
   Home Mechanics 300 ......................................... 2 term hours
H. At pleasure .................................................. 20 term hours
I. Required of all students in addition:
   Library Methods
   Physical Education: 5 terms, including one individual sport and one
   team sport.
JUNIOR HIGH SCHOOL CURRICULUM
(For the Preparation of Teachers of Grades 7, 8, and 9)

A. Rhetoric .............................................................. 12 term hours
B. Economics, History, Political Science, Sociology .............. 20 term hours
C. Ancient Language, English Language, Modern Language
   (in addition to A above) ........................................... 20 term hours
D. Biology, Chemistry, Geography, Geology, Mathematics,
   Physics ................................................................. 20 term hours
E. General Psychology 200 ................................................ 5 term hours
F. Education:
   Educational Psychology 203 A, B ................................ 6 term hours
   Principles of Teaching 230 ........................................ 3 term hours
   History of Educational Thought 433 .......................... 4 term hours
   Junior High School Education 320 ............................. 4 term hours
   Special Methods, (e.g., Teaching of Geography) ............ 4 term hours
   Practice Teaching 301, 302, 303 ................................ 12 term hours
G. One major sequence, consisting of 36 term hours
H. One minor sequence, consisting of 24 term hours, in another subject
I. At least two sequences, other than the major and minor, consisting of
   12 term hours each
J. Required of all students in addition:
   Library Methods
   Penmanship
   Physical Education: 5 terms. Women must include one individual
   sport, one team sport, and course 232.

Students who complete 96 term hours of work in this curriculum under the
direction and advice of the curriculum adviser may be granted a five year
certificate.
LATER ELEMENTARY CURRICULUM
(For the Preparation of Teachers of Grades 3, 4, 5, and 6)

A. Rhetoric ........................................... 12 term hours

B. Economics, History, Political Science, Sociology .......... 24 term hours

C. Ancient Language, English Language, Modern Language
   (in addition to A above) .................................. 20 term hours
   Literature for Children 203 ................................ 4 term hours

D. Science and Mathematics:
   Biology, Chemistry, Geology, Mathematics, Physics ...... 12 term hours
   Geography ........................................... 12 term hours
   Nature Study 231, 232, or 233 ............................ 4 term hours
   Hygiene 112 ......................................... 4 term hours

E. General Psychology 200 ................................ 5 term hours

F. Education:
   Educational Psychology 203 A, B .......................... 6 term hours
   Principles of Teaching 230 ................................ 3 term hours
   Psychology of Reading 212 ................................ 4 term hours
   Later Elementary Education 211 ............................ 4 term hours
   History of Educational Thought 433 ....................... 4 term hours
   Practice Teaching 301, 302, 303 .......................... 12 term hours

G. Any three of the following that are in the line of a major
   interest:
   Arithmetic 101 ...................................... 4 term hours
   Teaching of Geography in Grades 212 ...................... 4 term hours
   Teaching of History 202 ................................ 4 term hours
   Music 105 ........................................... 4 term hours
   Teachers Art 102 ..................................... 4 term hours

H. At pleasure .......................................... 50 term hours

I. Required of all students in addition:
   Library Methods
   Penmanship
   Physical Education: 5 terms, including one individual sport, one team
   sport, and course 230.

Students who complete 96 term hours of work in this curriculum under the
direction and advice of the curriculum adviser may be granted a five year
certificate.
MANUAL ARTS CURRICULUM
(For the Preparation of Teachers and Supervisors of Manual Arts)

A. Rhetoric .................................................. 12 term hours

B. Economics, History, Political Science, Sociology ........... 20 term hours

C. Ancient Language, English Language, Modern Language
   (in addition to A above) .................................. 20 term hours

D. Biology, Chemistry, Geography, Geology, Mathematics
   Physics ..................................................... 20 term hours

E. General Psychology 200 .................................. 5 term hours

F. Education:
   Educational Psychology 203 A, B ........................ 6 term hours
   Principles of Teaching 230 ................................ 3 term hours
   History of Educational Thought 433 ..................... 4 term hours
   Teaching of Manual Arts 302 ............................. 4 term hours
   Vocational Education 260 ................................ 3 term hours
   Practice Teaching 301, 302, 303 ......................... 12 term hours

G. Manual Arts:
   Printing 116A ............................................ 4 term hours
   Mech. Drawing 111 A, B .................................. 8 term hours
   Gen. Shop 212 ............................................. 4 term hours
   Adv. Benchwork 103A .................................... 4 term hours
   Woodfinishing 207 ........................................ 4 term hours
   Sheet Metal 108 or 222, or 224A ......................... 4 term hours
   Shop Organization 301 .................................. 2 term hours
   Electives .................................................. 20 term hours

H. At pleasure (not in Manual Arts) .......................... 33 term hours

I. Non-credit courses required of all students:
   Library Methods
   Physical Education: 5 terms

Note—
1. Students who enter without high school physics must elect Physics
   100 A, B, C.
2. Woodshop 99 and Mechanical Drawing 98 are required of all students
   who have not had similar work in high schools.
3. Ordinarily students will be required to take Applied Mathematics 112
   and Physics 160. Those who elect a year of college physics are not
   required to take either Mathematics 112 or Physics 160. Those who
   elect a year of college mathematics are not required to take Applied
   Mathematics 112.
### MANUAL ARTS AND PHYSICAL EDUCATION CURRICULUM

(For the Preparation of Teachers of Manual Arts and Physical Education)

<table>
<thead>
<tr>
<th>Section</th>
<th>Courses</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.</td>
<td>Rhetoric</td>
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</tr>
<tr>
<td>B.</td>
<td>Economics, History, Political Science, Sociology</td>
<td>20</td>
</tr>
<tr>
<td>C.</td>
<td>Ancient Language, English Language, Modern Language (in addition to A)</td>
<td>20</td>
</tr>
<tr>
<td>D.</td>
<td>Biology, Chemistry, Geography, Geology, Mathematics, Physics</td>
<td>20</td>
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<tr>
<td>E.</td>
<td>General Psychology</td>
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<tr>
<td>F.</td>
<td>Education:</td>
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<tr>
<td></td>
<td>Educational Psychology 203 A, B</td>
<td>6</td>
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<tr>
<td></td>
<td>Principles of Teaching 230</td>
<td>3</td>
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<tr>
<td></td>
<td>History of Educational Thought 433</td>
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<tr>
<td></td>
<td>Teaching of Manual Arts 302</td>
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<td></td>
<td>Psychology of Coaching 210</td>
<td>3</td>
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<tr>
<td></td>
<td>Organization and Administration of Physical Education 404</td>
<td>4</td>
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<tr>
<td></td>
<td>Vocational Education 260</td>
<td>3</td>
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<tr>
<td></td>
<td>Practice Teaching 301, 302, 303</td>
<td>12</td>
</tr>
<tr>
<td>G.</td>
<td>Manual Arts:</td>
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<tr>
<td></td>
<td>Drawing 111A</td>
<td>4</td>
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<tr>
<td></td>
<td>General Shop 112</td>
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<tr>
<td></td>
<td>Advanced Benchwork 103</td>
<td>4</td>
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<tr>
<td></td>
<td>Woodfinishing 207</td>
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<td></td>
<td>General Metal 108</td>
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<td></td>
<td>Printing 116A</td>
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<td></td>
<td>Physical Education:</td>
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<tr>
<td></td>
<td>Football Technique 313</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Basket Ball Technique 315</td>
<td>3</td>
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<tr>
<td></td>
<td>Baseball Technique 317</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Track and Field Technique 319</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>First Aid and Athletic Training 205</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Physical Education 121 A, B, C</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Physical Education 221 A, B, C</td>
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</tr>
<tr>
<td></td>
<td>1 Elective</td>
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<tr>
<td>H.</td>
<td>At pleasure (not in Manual Arts or Physical Education)</td>
<td>16</td>
</tr>
<tr>
<td>I.</td>
<td>Non-credit course required of all students:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Library Methods</td>
<td></td>
</tr>
</tbody>
</table>
MUSIC CURRICULUM
(For the Preparation of Teachers and Supervisors of Music)

A. Rhetoric ....................................................... 12 term hours

B. Economics, History, Political Science, Sociology ........... 20 term hours

C. Ancient Language, English Language, Modern Language
   (in addition to A above) .................................... 20 term hours

D. Biology, Chemistry, Geology, Geography, Mathematics,
   Physics ....................................................... 20 term hours

E. General Psychology 200 .................................... 5 term hours

F. Education:
   Educational Psychology 203 A, B ............................ 6 term hours
   Principles of Teaching 230 .................................... 3 term hours
   History of Educational Thought 433 ......................... 4 term hours
   Music Education 206 A, B, C ................................. 12 term hours
   Practice Teaching 301, 302, 303 ............................ 12 term hours

G. Music:
   Fundamentals of Music 101 A, B, C .......................... 12 term hours
   Voice Culture 116 A, B, C, 216 A, B, C ..................... 12 term hours
   Harmony 209 A, B, C ........................................... 12 term hours
   Ancient and Medieval Music 212A ............................. 4 term hours
   Modern Composers 212B ....................................... 4 term hours
   Musical Appreciation 212C .................................... 4 term hours
   Musical Composition and Analysis 320 A, B, C .......................... 12 term hours
   (An elective in music may be substituted)
   Orchestration 331A ............................................. 4 term hours

H. At pleasure (not in Music) ................................ 14 term hours

I. Required of all students in addition:
   Library Methods
   Physical Education: 5 terms. Women must include one individual
   sport and one team sport.
PHYSICAL EDUCATION FOR MEN CURRICULUM
(For the Preparation of Teachers and Supervisors of Physical Education for Men)

A. Rhetoric .................................................. 12 term hours

B. Economics, History, Political Science, Sociology .................. 20 term hours

C. Ancient Language, English Language, Modern Language
   (in addition to A above) .................................. 20 term hours

D. Science:
   General Biology 101 A, B .................................. 8 term hours
   Hygiene 112 ................................................. 4 term hours
   Anatomy 211 A, B .......................................... 8 term hours
   Physiology 211 C ........................................... 4 term hours

E. General Psychology 200 ...................................... 5 term hours

F. Education:
   Educational Psychology 203 A, B .............................. 6 term hours
   Principles of Teaching 230 .................................. 3 term hours
   Psychology of Coaching 210 .................................. 3 term hours
   History of Educational Thought 433 .......................... 4 term hours
   Organization and Admin. of Physical Education 404 ........... 4 term hours
   Principles of Physical Education 403 .......................... 3 term hours
   Practice Teaching 301, 302, 303 ............................ 12 term hours

G. Physical Education:
   History of Physical Education 202 ............................ 3 term hours
   First Aid and Athletic Training 205 ............................ 4 term hours
   Principles and Technique of Gymnastic Teaching 301 .......... 3 term hours
   Kinesiology 312 .............................................. 4 term hours
   Football Technique 313 ...................................... 3 term hours
   Basket Ball 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
   Anthropometry 401 .......................................... 4 term hours
   Physical Education 121 A, B, C ................................ 3 term hours
   Swimming 327 ................................................. 1 term hour
   Camping and Scouting 332 ..................................... 4 term hours
   Physical Education 221 A, B, C ................................ 3 term hours
   Playground and Community Recreation 406 ...................... 4 term hours

H. Requirement in another department:
   Speech 104A .................................................. 4 term hours

I. At pleasure (not in Physical Education) .......................... 24 term hours

J. Required of all students in addition:
   Library Methods
PHYSICAL EDUCATION FOR WOMEN CURRICULUM
(For the Preparation of Teachers and Supervisors of Physical Education for Women)

A. Rhetoric .......................................................12 term hours

B. Economics, History, Political Science, Sociology ..............20 term hours

C. Ancient Language, English Language, Modern Language
   (in addition to A above) .....................................20 term hours

D. Science:
   Biology 101 A, B ...........................................8 term hours
   Hygiene 112 ..................................................4 term hours
   Anatomy 211 A, B ..........................................8 term hours
   Physiology 211 C ...........................................4 term hours

E. General Psychology 200 ......................................5 term hours

F. Education:
   Educational Psychology 203 A, B ............................6 term hours
   Principles of Teaching 230 ..................................3 term hours
   History of Educational Thought 433 .......................4 term hours
   School Health Problems 390 ................................4 term hours
   Methods in Physical Education 217 ........................4 term hours
   Administration and Organization of Phys. Education 325 2 term hours
   Principles of Physical Education 421 ......................3 term hours
   Practice Teaching 301, 302, 303 ..........................12 term hours

G. Physical Education:
   Introduction of Phys. Ed. 101 ................................2 term hours
   History of Phys. Ed. 102 ....................................2 term hours
   Theory of Dancing 215 .......................................1 term hours
   First Aid and Massage 218 ..................................1 term hours
   Playground Organization 219 ...............................4 term hours
   Applied Anatomy 220 ........................................4 term hours
   Theory of Athletics 222 .....................................3 term hours
   Theory of Swimming 224 ....................................2 term hours
   Rhythmic Plays and Singing Games 318 ....................2 term hours
   Theory of Games 320 ........................................2 term hours
   Individual Gymnastics 323 ..................................4 term hours
   Advanced Athletics 324 .....................................3 term hours
   Modern Problems in Physical Education 401 ...............4 term hours
   Community Rec., Scouting, Camp Fire 422 ................4 term hours

Requirements in other departments:
   Music Construction 129 ......................................4 term hours
   Speech 104 A ..................................................4 term hours

H. At pleasure (not in Physical Education) .......................27 term hours

I. 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
RURAL ELEMENTARY CURRICULUM
(For the Preparation of Teachers of One-Teacher, Consolidated, and Village Schools)

<table>
<thead>
<tr>
<th>Subject</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A. Rhetoric</strong></td>
<td>12</td>
</tr>
<tr>
<td><strong>B. Economics, History, Political Science, Sociology</strong></td>
<td>20</td>
</tr>
<tr>
<td><strong>C. Ancient Language, English Language, Modern Language</strong></td>
<td>20 (in addition to A above)</td>
</tr>
<tr>
<td><strong>D. Science and Mathematics:</strong></td>
<td></td>
</tr>
<tr>
<td>Biology, Chemistry, Mathematics, Physics</td>
<td>12</td>
</tr>
<tr>
<td>Geography 101 A, B</td>
<td>8</td>
</tr>
<tr>
<td><strong>E. General Psychology 200</strong></td>
<td>5</td>
</tr>
<tr>
<td><strong>F. Education:</strong></td>
<td></td>
</tr>
<tr>
<td>Educational Psychology 203 A, B</td>
<td>6</td>
</tr>
<tr>
<td>Principles of Teaching 230R</td>
<td>3</td>
</tr>
<tr>
<td>History of Educational Thought 433</td>
<td>4</td>
</tr>
<tr>
<td>Rural Education 201 A, B, C</td>
<td>12</td>
</tr>
<tr>
<td>Rural Education (Advanced courses)</td>
<td>6</td>
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<tr>
<td>Curriculum 101</td>
<td>4</td>
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<tr>
<td>Practice Teaching 301, 302, 303</td>
<td>12</td>
</tr>
<tr>
<td><strong>G. At pleasure</strong></td>
<td>58</td>
</tr>
</tbody>
</table>

Students will choose among the following according to suggestions of departmental adviser:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agriculture 141</td>
<td></td>
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<tr>
<td>Arithmetic 101</td>
<td></td>
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<tr>
<td>Teachers Art 102</td>
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<tr>
<td>Art, Industrial 103</td>
<td></td>
</tr>
<tr>
<td>Geography, Teaching of 212</td>
<td></td>
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<tr>
<td>Health Education 190 A, B</td>
<td></td>
</tr>
<tr>
<td>History, Teaching of 202</td>
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<tr>
<td>Home Economics 120 or equivalent</td>
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<tr>
<td>Hygiene 112</td>
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<tr>
<td>Music 106</td>
<td></td>
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<tr>
<td>Nature Study 231, 232, or 233</td>
<td></td>
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<tr>
<td>Psychology of Reading 212</td>
<td></td>
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<tr>
<td>Stories for Childhood 242</td>
<td></td>
</tr>
<tr>
<td>Supervision 371</td>
<td></td>
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</tbody>
</table>

**H. Required of all students in addition:**

<table>
<thead>
<tr>
<th>Subject</th>
<th>Terms</th>
</tr>
</thead>
<tbody>
<tr>
<td>Library Methods</td>
<td></td>
</tr>
<tr>
<td>Penmanship</td>
<td></td>
</tr>
<tr>
<td>Physical Education: 5 terms. Women must include one individual sport, one team sport, and course 233.</td>
<td></td>
</tr>
</tbody>
</table>
RURAL HIGH SCHOOL CURRICULUM
(For the Preparation of Teachers of Rural Consolidated and Village High Schools)

A. Rhetoric .......................................................... 12 term hours
B. Economics, History, Political Science, Sociology ............. 20 term hours
C. Ancient Language, English Language, Modern Language
   (in addition to A above) ......................................... 20 term hours
D. Biology, Chemistry, Geography, Geology, Mathematics,
   Physics ............................................................ 20 term hours
E. General Psychology 200 ........................................... 5 term hours

F. Education:
   Educational Psychology 203 A, B ................................ 6 term hours
   Principles of Teaching 230R ..................................... 3 term hours
   Special Methods (e.g. Teaching of Latin) ....................... 4 term hours
   History of Educational Thought 433 ............................ 4 term hours
   Rural Education 201 A, B, C ..................................... 12 term hours
   Rural Education (Advanced courses) ............................. 6 term hours
   Practice Teaching 301, 302, 303 ................................ 12 term hours

G. One major sequence consisting of 36 term hours.
H. One minor sequence consisting of 24 term hours.
I. Two sequences, other than the major and minor, consisting of 12 term hours each.
J. The remaining units are to be taken in groups of three or miscellaneous
   with the consent of the adviser.
K. Required of all students in addition:
   Library Methods
   Physical Education: 5 terms. Women must include one individual
   sport, one team sport, and course 232.

Rural Agricultural High School Curriculum: Students desiring to complete
their degrees and receive Smith-Hughes vocational agricultural teaching certi-
ficates from Michigan State College may meet the requirements by complet-
ing the first two years of this curriculum. As sequences they should elect
20 hours from Animal Husbandry 142 A, B, C; Soils 143; Farm Crops 144;
Horticulture 145; also, if desired, Rural School Shop 203 A, B, C. The
remaining sequences should be chosen with the consent of the adviser.

Students who complete 96 term hours of work in this curriculum under the
direction and advice of the curriculum adviser may be granted a five year
certificate.
# RURAL ELEMENTARY CURRICULUM

(Two years in length)

Leading to a Five Year Certificate for Teachers of One-teacher, Consolidated, and Village Schools

1. **Psychology and Education:**
   - Introductory Psychology 200 ........................................ 5 term hours
   - Principles of Teaching 101R or 230R .......................... 4 term hours
   - Practice 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 231, 232, 233, or Agriculture 141 .............. 4 term hours
   - Geography 101 A, B ............................................... 8 term hours

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

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

8. **Home Economics 120 or equivalent ................................ 2 term hours

9. **At pleasure ............................................................ 8 term hours

10. **Required of all students in addition:**
    - Library Methods
    - Penmanship
    - Physical Education: 5 terms. Women must include one individual sport, one team sport, and course 233.

**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.
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 200</td>
<td>5</td>
</tr>
<tr>
<td>Practice Teaching 201</td>
<td>4</td>
</tr>
<tr>
<td>English Composition 101A</td>
<td>4</td>
</tr>
<tr>
<td>Hygiene 112 or Health Education 190 A, B</td>
<td>4</td>
</tr>
<tr>
<td>Agriculture 141</td>
<td>4</td>
</tr>
<tr>
<td>Psychology of Reading 212</td>
<td>4</td>
</tr>
<tr>
<td><strong>Principles (Technique) of Teaching 101R</strong></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>Teachers Art 102</td>
<td>4</td>
</tr>
<tr>
<td>Music 106</td>
<td>4</td>
</tr>
<tr>
<td>History 201 A, B, or C</td>
<td>4</td>
</tr>
<tr>
<td>Geography 101A</td>
<td>4</td>
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<tr>
<td>Arithmetic 101</td>
<td>4</td>
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<td>Grammar</td>
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<td>Rural Sociology 103</td>
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<tr>
<td>Nature Study</td>
<td>4</td>
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<tr>
<td>Educational Psychology 203 A</td>
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</table>

(c) Required of each applicant in addition:

<table>
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<tr>
<th>Subject</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Penmanship</td>
<td></td>
</tr>
<tr>
<td>Physical Education: 2 terms. Women must include course 233.</td>
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</tbody>
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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.

*The State Department requires only 4 term hours.
**These courses are required at Western State Teachers College.
RURAL 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 One-teacher,
Consolidated, and Village Schools

1. Psychology and Education:
   Introductory Psychology 200 .................................. 5 term hours
   Principles of Teaching 101R or 230R ................................. 4 term hours
   Curriculum 101 .......................................................... 4 term hours
   Practice Teaching 201 ................................................. 4 term hours

2. English Composition 101A .......................................... 4 term hours

3. Sociology 103 ......................................................... 4 term hours

4. Teachers Art 102 ..................................................... 4 term hours

5. Music 106 .............................................................. 4 term hours

6. Electives selected from the following: ......................... 23 term hours
   Literature for Children 203 ........................................ 4 term hours
   Psychology of Reading 212 .......................................... 4 term hours
   American History 201 A, B, or C .................................. 4 term hours
   Geography 101A ....................................................... 4 term hours
   Arithmetic 101 .......................................................... 4 term hours
   Hygiene 112 or Health Education 190 A, B ........................ 4 term hours
   Nature Study ............................................................ 4 term hours
   Agriculture 141 ....................................................... 4 term hours
   Home Economics 120 or equivalent ............................... 2 term hours

7. Non-credit courses required of all students:
   Library Methods
   Penmanship
   Physical Education: 2 terms. Women must include course 233.

Minimum term hours required—56.
SENIOR HIGH SCHOOL CURRICULUM
(For the Preparation of Teachers of Grades 9, 10, 11, 12)

A. Rhetoric ..........................................., 12 term hours
B. Economics, History, Political Science, Sociology .........., 20 term hours
C. Ancient Language, English Language, Modern Language
   (in addition to A above) ................................., 20 term hours
D. Biology, Chemistry, Geography, Geology, Mathematics,
   Physics ..........................................., 20 term hours
E. General Psychology 200 ..........................................., 5 term hours
F. Education:
   Educational Psychology 203 A, B ................................., 6 term hours
   Principles of Teaching 230 ....................................., 3 term hours
   History of Educational Thought 433 .........................., 4 term hours
   Special Methods (e.g. Teaching of Latin) ....................., 4 term hours
   Senior High School Education 325 ..........................., 4 term hours
   Practice Teaching 301, 302, 303 .............................., 12 term hours
G. One major sequence of 36 term hours
H. One minor sequence of 24 term hours in another subject
I. A sequence, other than the major and minor, consisting of ..., 12 term hours
J. At pleasure ............................................, 10 term hours
K. Required of all students in addition:
   Library Methods
   Physical Education: 5 terms. Women must include one individual
   sport, one team sport, and course 232.

Students who complete 96 term hours of work in this curriculum under the
direction and advice of the curriculum adviser may be granted a five year
certificate.
SPECIAL EDUCATION CURRICULUM
(For the preparation of Teachers of Mentally Retarded and Backward Children)

A. Rhetoric ................................................................. 12 term hours

B. Economics, History, Political Science, including
   Sociology 201 A, B; 301B ........................................... 20 term hours

C. Ancient Language, English Language, Modern Language
   (in addition to A above) ........................................... 20 term hours

D. Biology, Chemistry, Geography, Geology, Mathematics,
   Physics:
   General Biology 101 A, B, C ..................................... 12 term hours
   Genetics 302 ....................................................... 4 term hours
   Eugenics 303 ...................................................... 4 term hours
   Organic Evolution 301 ............................................. 4 term hours
   Hygiene 112 or Health Education 190 ........................ 4 term hours
   Laboratory Science (other than Biology) or
   Mathematics ......................................................... 12 term hours

E. General Psychology 200 ............................................ 5 term hours
   Abnormal Psychology 300 ......................................... 4 term hours

F. Education:
   Educational Psychology 203 A, B .................................. 6 term hours
   Principles of Teaching 230 ....................................... 3 term hours
   Education of Exceptional Children 361 ....................... 4 term hours
   Mental Tests 350 .................................................. 4 term hours
   Mental Deficiency 362 ............................................ 4 term hours
   Mental Hygiene 365 ................................................ 4 term hours
   Methods of Teaching Subnormal Children 364 ............... 2 term hours
   History of Educational Thought 433 .......................... 4 term hours
   Practice Teaching 301, 302, 303 ................................ 12 term hours

G. Requirements in other departments:
   Illustrative Handwork 107 ......................................... 4 term hours
   Home Economics 101, 102 ........................................ 4 term hours
   Special Education Shop 208 ..................................... 2 or 4 term hours
   Speech 101A ........................................................... 4 term hours

H. At pleasure ......................................................... 30 or 32 term hours

I. Required of all students in addition:
   Library Methods
   Penmanship
   Physical Education: 5 terms. Women must include one team sport
   and one individual sport.

Note.—1. One of the courses in Practice Teaching must be with normal chil-
   dren, and the other two with subnormal children.

2. To receive a Degree or Life Certificate in Special Education, the
   student must have had one year of successful teaching experience.

3. Courses in Home Economics are not required of men students.