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BULLETIN

Western Michigan College of Education

KALAMAZOO, MICHIGAN

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Details of Curricula



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DETAILS
of
CURRICULA



KALAMAZOO, MICHIGAN

1942-1943



DETAILS OF CURRICULA

PURPOSE AND CONTROL OF MICHIGAN STATE TEACHERS COLLEGES

The Constitution of the State of Michigan [Act XI, Sec. 10] places the state teachers colleges under the authority of the State Board of Education subject to such regulations as may be prescribed by the Legislature. In 1903 [Public Act 203] the Legislature decreed: "The State Board of Education is hereby authorized and required to prescribe the courses of study for students, to grant such diplomas and degrees and issue such licenses and certificates to the graduates of the several normal schools of the state as said State Board of Education shall determine."

From time to time the Legislature has also defined the objectives and scope of work of the teachers colleges. It has repeatedly declared that the purpose of these institutions "shall be the instruction of persons in the art of teaching and in all the various branches pertaining to the public schools of the state of Michigan" [Act 139, P. A. 1850; Act 192, P. A. 1889; Act 51, P. A. 1889].

In the course of a century the public school system has developed from the meagre rudiments which satisfied a frontier society to the enlarged and complex organization which attempts to meet the need of a day which faces the solution of social, political, and economic problems of fundamental significance. Only honest, intelligent, and well-informed citizens can cope with such problems, and such citizens it is the first duty of our public schools to produce. Only honest, intelligent, well-educated, and devoted teachers are adequate to meet these enlarged duties and responsibilities—the day of the mere school-keeper is gone. The problem of training such teachers has increased in scope and complexity, but to meet these problems the State Board of Education and the faculties of the teachers colleges have constantly applied themselves, keeping in mind always the two purposes which, since the founding of the State, have been sustained not only by legislative authority, but which have the sanction of all educational experience as well. Hence the Michigan state teachers colleges have always stood and do now stand for two things paramount and inseparable in an institution for the training of teachers:

1. A thorough grounding in such fields of study as may lead to the intellectual growth of the student.
2. A thorough grounding in the science and art of teaching attained by sufficient actual teaching under direction.

Objectives and General Scope of Curricula

A. The program of study outlined for the first and second years in the curricula of the Michigan state teachers colleges is organized to serve, among others, the following purposes:

1. To provide the student with essential factual information; to give him an introduction to methods of thought and work and to provide such opportunities for study and growth as may lead to a well-rounded general education.
2. To prepare the student for undertaking the more advanced and specialized work embraced in the curricula of the third and fourth years of the teachers colleges or for more advanced work elsewhere.

B. This program represents sixty semester hours of work, at least half of which must fall in Groups I, II, III. The student must complete during the first year at least six semester hours of Rhetoric and at least fifteen semester hours from Groups I, II, III.

The program for the third and fourth years is designed to enable the student

1. To pursue more extensively and intensively courses which acquaint him with the fields of his special interest and which broaden his general education.
2. To pursue a curriculum designed to give him the knowledge and skills necessary for teaching in a specific field.

Admission to the program of the third and fourth years is based upon the satisfactory completion of the work outlined under (A) above or upon evidence of equivalent work done satisfactorily elsewhere. In addition the student must satisfy such special tests or examinations as may be prescribed to determine his general intelligence, scholastic aptitude, and fitness for the teaching profession.

SUBJECT GROUPINGS

The regulations governing certification in Michigan employ subject groupings as follows:

- Group I. Language and Literature
Ancient language and literature, English language and literature, modern language and literature.
- Group II. Science
Agriculture, astronomy, anatomy, biology, botany, chemistry, geography, geology, hygiene, mathematics, nature study, physics, physiology, psychology, zoology
- Group III. Social Science
Economics, history, philosophy, political science, sociology
- Group IV. Education
Education (includes methods courses and directed teaching)
- Group V. Fine Arts
Arts, music
- Group VI. Practical Arts
Agriculture, business education, home economics, industrial arts
- Group VII. Physical Education and Health
Health, physical education

DEGREES DEFINED

BACHELOR OF ARTS (AND TEACHING CERTIFICATE)

The student who regularly completes a curriculum conforming to the degree requirements and embracing at least 90 semester hours from Groups I, II, and III, including at least 8 semester hours in one foreign language, is eligible for the degree of Bachelor of Arts. If two or more units of one foreign language are presented for entrance, the requirements for foreign language may be waived.

BACHELOR OF SCIENCE (AND TEACHING CERTIFICATE)

1. The student who regularly completes a curriculum conforming to the degree requirements and embracing more than 30 semester hours from Groups IV, V, VI, and VII is eligible for the degree of Bachelor of Science.

2. The student who otherwise qualifies for the degree of Bachelor of Arts and who has earned at least 54 semester hours in Group II may at his option receive either the degree of Bachelor of Science or the degree of Bachelor of Arts.

GENERAL DEGREE (WITHOUT TEACHING CERTIFICATE)

Students, who do not have in mind preparation for teaching, may elect basic courses which provide a general education or which satisfy preliminary requirements for other professional curricula. When such a program of work is carried on for four years and conforms to the degree requirements stated on page 5 except the professional requirements in Group IV, the degree of Bachelor of Arts or Bachelor of Science may be granted *without the teaching certificate*.

SECOND BACHELOR'S DEGREE

A graduate of Western Michigan College of Education with the degree of Bachelor of Science who subsequently becomes a candidate for the degree of Bachelor of Arts, or vice versa, is required, in addition to the credits he already has, to complete 30 semester hours of resident credit and to satisfy any other specific requirements for the degree.

Degree Requirements

Any curriculum leading to the bachelor's degree consists of at least 120 semester hours of credit and must include:

| | |
|-----------|----------------------------|
| Group I | at least 12 semester hours |
| Group II | at least 12 semester hours |
| Group III | at least 12 semester hours |
| Group IV | at least 20 semester hours |
| Rhetoric | at least 6 semester hours |

The remaining semester hours may be selected from the courses regularly offered by the college, subject to the following restrictions:

1. Not more than 40 semester hours may be taken in any one subject.
2. At least three-fourths of the work beyond the second year must be in courses not open to first year students.
3. No candidate is eligible for the Bachelor's degree who has not done at least 30 semester hours of work in residence and who has not been in residence during the semester or summer session immediately preceding graduation. (An exception is made in the combined pre-professional curricula. See page 19.)
4. Courses must be selected so that the requirements in some one of the provisional certificate curricula are fulfilled. (This requirement does not apply to the General Degree curriculum, without teaching certificate. See page 16.)
5. All degrees include certain requirements of majors and minors.

MAJOR AND MINOR REQUIREMENTS AND REGULATIONS

Requirements

(A major is a sequence of courses totaling a minimum of 24 semester hours; a minor is a sequence of courses totaling a minimum of 15 semester hours. Students may, if conditions permit, elect beyond this minimum up to a maximum of 40 hours offered by any department. The maximum permitted in Groups IV-VII is 60 hours.)

1. *General Degree (without Teaching Certificate.)* The academic training shall include a major and a minor. (See page 16.)
2. *Bachelor's Degree and State Elementary Provisional Certificate.* The academic training shall include four minors, or a major (may be a group major) and two minors. The equivalent of two minors must be in subjects or subject fields taught in the elementary grades.

3. *Bachelor's Degree and State Secondary Provisional Certificate.* The academic training shall include one major and two minors, in subjects or subject fields in which the applicant expects to teach.

Regulations and Suggestions

1. In the "Details of Departmental Courses," pages 98 to 195, see the introductory statement for each department preceding its description of courses, for its approved major and minor course sequences. Students should consult the departmental advisers for approval of their major and minor programs.

2. All secondary students shall be known as "majors" in the fields of selected departments, e.g., Home Economics, Art, Mathematics, English, etc. If a student chooses to elect a major in each of two or more departments, he will be listed accordingly, e.g., Art and English; Industrial Arts and Mathematics, etc.

3. Decision concerning field of majors must always be made by student before close of sophomore year or beginning of junior year.

4. Decision concerning pursuance of elementary or secondary curriculum must be made by close of freshman year or beginning of sophomore year.

5. It is permissible to use as a "group" major a combination of courses from related departments, as in the several science departments and in the several social science departments, if and as approved by departmental advisers.

6. Group requirements (Groups I, II, and III) of the several curricula may be satisfied through the use of major and minor sequences. Likewise short sequential requirements of some of the curricula may sometimes be included as parts of major or minor groupings.

7. Minors may often be related to majors, so as to recognize naturally or closely related fields; for example, mathematics and physics, history and geography, literature and history, etc.

8. Students who wish to major in any of the "special" fields (art, business education, home economics, industrial arts, music, physical education, and special education) are advised to follow the same procedure as indicated in item 1.

Attention is called to the regulation of the State Board of Education* as to the "special" fields which lead to certification in both elementary and secondary grades, when the candidate qualifies in both fields. In respect to this, Western Michigan College of Education at present prepares students in the fields of art, music, and physical education for women.

*Note.—See State Certification Code, page 18, paragraph 22.

Restrictions

1. It is usually not permissible to use education as a major or minor in any undergraduate curriculum.

2. The following courses are not to be counted as satisfying major and minor requirements:

a. Required courses in rhetoric (See Group I).

b. Uniformly required courses in education from Group IV: Human Growth and Development 251, Introduction to Directed Teaching 351, and Directed Teaching, Laboratory in Education, and General Educational Problems 370 A, B, C.

c. Professional courses numbered 300T to 302T. These are courses in teaching school subjects, hence give credit in education.

3. A combination of foreign languages, or of English or American literature with a foreign language, is not permissible. The major or minor must be in one language only.

4. Mathematics may not be combined with Science (physics, geography, chemistry, biology) for a major or minor sequence.

REQUIREMENTS FOR GRADUATION

Degrees and Certificates

The State Board of Education for the State of Michigan, on recommendation of the president and faculty of Western Michigan College of Education, confers degrees and grants teachers' certificates as follows:

1. The degree of *Bachelor of Arts* and the degree of *Bachelor of Science*.

2. The *State Elementary Provisional Certificate*, which qualifies the holder to teach for a period of five years from date of issue in the elementary grades (kindergarten through eighth) in any public school in Michigan. (See Note 1.)

3. The *State Secondary Provisional Certificate*, which qualifies the holder to teach for a period of five years from date of issue in the secondary grades (seventh through twelfth) in any public school in Michigan, in subjects or subject fields indicated on the certificate. (See Note 2.)

4. The *State Limited Certificate* which qualifies the holder to teach in the State of Michigan for a period of three years from date of issue in any primary-school district or in any graded-school district not maintaining grades above the eighth. (See "Important Directions to Holders of Limited Certificates Based on the Michigan Teachers' Certification Code", page 9.)

Academic and Residence Requirements for Degrees and Certificates

1. For the *Bachelor's Degree* the candidate shall—

a. Present credits satisfying a prescribed curriculum aggregating 120 semester hours;

b. have satisfactorily completed in residence at this institution at least 30 semester hours;

c. have been in residence at this institution the semester or summer session immediately preceding graduation;

d. satisfy the requirements for the provisional certificate. (In certain cases this requirement may be waived.)

2. For the *State Elementary Provisional Certificate* the candidate shall—

a. present credits satisfying a prescribed curriculum aggregating 120 semester hours;

b. have satisfactorily completed in residence at this institution at least 30 semester hours;

c. have been in residence at this institution the semester or summer session immediately preceding graduation;

d. satisfy the requirements for the Bachelor's Degree.

3. For the *State Secondary Provisional Certificate* the candidate shall—

a. present credits satisfying a prescribed curriculum aggregating 120 semester hours;

b. have satisfactorily completed in residence at this institution at least 30 semester hours;

- c. have been in residence at this institution the semester or summer session immediately preceding graduation;
 - d. satisfy the requirements for the Bachelor's Degree.
4. For the *State Limited Certificate* the candidate shall—
- a. present credits satisfying a prescribed curriculum aggregating 60 semester hours;
 - b. have satisfactorily completed in residence at this institution 15 semester hours;
 - c. have been in residence in this institution the semester or summer session immediately preceding graduation;
- Note 1. The holder of the State Elementary Provisional Certificate may be issued the State Elementary Permanent Certificate when the candidate shall have met the following conditions:
- (a) Application must be made to the college within one year following the expiration of the State Elementary Provisional Certificate.
 - (b) The candidate must submit satisfactory evidence that he has taught successfully during the life of the certificate for not less than three years in elementary schools in the state of Michigan.
- Note 2. The holder of the State Secondary Provisional Certificate may be issued the State Secondary Permanent Certificate provided the candidate shall have met the following conditions:
- (a) Application must be made to the college within one year following the expiration of the State Secondary Provisional Certificate.
 - (b) The candidate must submit satisfactory evidence that he has taught successfully during the life of the certificate for not less than three years in secondary schools in the state of Michigan.
 - (c) The candidate must have earned in addition ten semester hours of acceptable resident college credit.
- Note 3. 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:
- (a) Toward the Provisional Certificate, 25 semester hours;
 - (b) Toward the State Limited Certificate, 25 semester hours;
 - (c) If the candidate for the State Limited Certificate shall have entered as a graduate from a Michigan County Normal School, he shall complete in residence in this institution at least 15 semester hours.
- Note 4. Not more than one-fourth of the number of hours necessary for any certificate or degree may be taken in extension or by correspondence or both. Such credit, however, cannot be applied to modify the minimum or final residence requirements.
- Note 5. No teacher's certificate will be granted to any person who is less than eighteen years of age.
- Note 6. No teacher's certificate will be granted to any person who is not a citizen of the United States or who has not declared his intention of becoming a citizen.

“Important Directions to Holders of Limited Certificates Based on the Michigan Teachers’ Certification Code

Caution: No person can be employed to teach in any school district unless he is legally qualified by holding a valid certificate. In order that the holder of any limited certificate may retain without interruption his status as a legally qualified teacher, he must make application for renewal to the State Board of Education between April 1 and September 1 of the year the certificate expires; if the candidate on the expiration of the certificate does not arrange for renewal as here stated, he will forfeit his status as a legally qualified teacher, and therefore will not be permitted to teach. He will, however, remain eligible to make application for renewal until June 30 of the year following expiration of his certificate after which date renewal privileges are canceled.

- A. To the holder of the State Limited Certificate or of the State Limited Renewal Certificate.
1. The holder of a State Limited Certificate may be issued (five times) a State Limited Renewal Certificate provided the candidate shall have met the following conditions:
 - (a) Subsequent to the date of issue of the last certificate held, the candidate must have acquired 10 semester hours of credit, of an average grade of “C” or better, earned in an institution or accepted by an institution approved by the State Board of Education. These credits must be applicable toward the requirements of the curriculum prescribed for the State Provisional Certificate eventually desired. Not less than 5 semester hours must be earned in residence; the remainder may be earned in extension study but of this not to exceed 3 semester hours may be correspondence-study credit.
 - (b) In order to assure that the credits earned toward renewal will apply on the State Provisional Certificate curriculum at the institution where the candidate intends to qualify eventually for that certificate, *the candidate should arrange in advance in each case to have his course selections approved by that institution.* Also all credits wherever earned should be submitted to that institution for evaluation and by it transmitted to the State Board of Education with recommendations.
- B. To the holder of the County Limited Certificate or of the County Limited Renewal Certificate.
1. The holder of a County Limited Certificate may be issued (two times) a County Limited Renewal Certificate each valid for two years provided the candidate shall have met the following conditions:
 - (a) Subsequent to the date of issue of the last certificate held, the candidate must have acquired 10 semester hours of credit, of an average grade of “C” or better, earned in an institution or accepted by an institution approved by the State Board of Education. These credits must be applicable toward the requirements of the curriculum prescribed for the State Limited Certificate and for the State Provisional Certificate. Not less than 5 semester hours must be earned in residence; the remainder may be earned in extension study but of this not to exceed 3 semester hours may be correspondence-study credit.
 - (b) In order to assure that the credits earned toward renewal will apply on the State Limited Certificate curriculum and on the State Provisional Certificate curriculum at the institution where the candidate intends to qualify for either certificate, *the candi-*

date should arrange in advance in each case to have his course selections approved by that institution. Also all credits wherever earned should be submitted to that institution for evaluation and by it transmitted to the State Board of Education with recommendations."

Note.—More complete information concerning the several teachers' certificates may be obtained from Bulletin No. 601, Teachers' Certification Code, published by the Superintendent of Public Instruction, Lansing, Michigan.

Additional Regulations Governing Students at Western Michigan College of Education

1. All freshmen must carry Rhetoric 106 A, B.
2. At the end of the sophomore year all students except the rural two-year students must have had at least six class hours of physical education.
3. In general, freshmen should not elect two courses in a single department in the same semester. No student should elect more than 10 semester hours in a single department in the same semester.
4. All students who expect to receive a degree must present at least 8 semester hours of credit in rhetoric.
5. Not more than a total of 60 semester hours of credit from Groups IV, V, VI, and VII may be accepted for either the Bachelor of Arts or the Bachelor of Science degree.
6. Before being admitted to the regular program of work of the third year, a candidate for a teaching certificate shall have earned at least 8 semester hours in each of the Groups I, II, and III. He shall have maintained at least a C average for work already completed and shall give evidence of his fitness for teaching.
7. To satisfy the minimum requirements in Groups I, II, and III, the student shall not present a series of isolated courses.
8. All students who expect to obtain a degree and teaching certificate are required to present credits in the following courses: Human Growth and Development 251, Introduction to Directed Teaching 351, and Directed Teaching, Laboratory in Education, and General Educational Problems 370 A, B, C, or the equivalent.
9. A student will not be permitted to carry directed teaching, unless his point-hour ratio is at least 1.0.
10. All students must take the equivalent of six hour lectures in political science. This is a legal requirement.

THE CURRICULA

Programs of study in Western Michigan College of Education are planned in such a way as to prepare teachers for different departments in various phases of public school work, and also to give to students who are preparing to teach an 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 programs of study as outlined, so that he may understand clearly the purpose of each. He should choose that program which seems best to fit his interests and abilities.

Specific details and requirements in the various fields of specialization are outlined on the following pages. All of the curricula detailed conform to the general requirements for degrees and certificates and, at the same time, indicate the courses which should be pursued by students preparing to teach in the fields described.

| | |
|---|------|
| 1. Degree and Provisional Certificate Curricula | Page |
| Elementary | 12 |
| General Degree | 16 |
| Pre-Professional | 19 |
| Secondary | 13 |
| Special Education | 14 |

2. Specific details for the two-year curriculum leading to a State Limited Certificate in rural elementary education are outlined on page 17.

3. Details concerning the Accelerated Rural Elementary curriculum (Fifty semester hours) are given on page 18.

4. Courses for the two-year curriculum in Vocational Aviation Mechanics, and the Pilot Training Ground School are listed on page 29.

5. Two two-year curricula are offered in Business Education—Cooperative Program in Retailing, page 28, and Secretarial Training, page 28.

6. Accelerated Programs of Study.

As part of its adjustment to wartime conditions, Western is offering accelerated programs to undergraduate students who may wish to elect them. Students who elect the accelerated program may at the end of any semester or summer session drop back into the normal program, and the college may require a student to return to the normal program should it become clear that he cannot meet the scholastic requirements of the accelerated plan. It may also be possible that some students could not be permitted to go on the accelerated plan at the outset because of the difficulties for them in carrying such a heavy load.

If a student decides to enter on the accelerated program, faculty members will help him in his choice of courses in order to see that his curriculum requirements are met, and to see that his major and minor requirements are properly satisfied. For students who have not already done so, of course, it will be necessary to decide upon the departments for majoring and minor-ing earlier than under the normal circumstances. In not all cases will this choice be the final one. For students who would ordinarily graduate in 1944 or in 1945, there are some possibilities of change of specializing field before graduation.

Full information regarding accelerated programs may be secured from the registrar.

ELEMENTARY CURRICULUM

A.B. or B.S. Degree

State Elementary Provisional Certificate

**(For the preparation of teachers of Kindergarten and Grades
1, 2, 3, 4, 5, 6, 7, 8)****Group Requirements**

(See page 4 for Subject Groupings)

| | |
|--|-------------------|
| Group I. Language and Literature | 12 semester hours |
| Rhetoric (in addition) | 8 semester hours |
| Group II. Science | 12 semester hours |
| Group III. Social Science | 12 semester hours |
| Including two semester hours of political science | |
| Group IV. Education | |
| Human Growth and Development 251 | 3 semester hours |
| Psychology of Reading 212 | 3 semester hours |
| Introduction to Directed Teaching 351 | 3 semester hours |
| Directed Teaching, Laboratory in Education, and General Educational Problems 370 A, B, C | 15 semester hours |
| Group V. Fine Arts | 6 semester hours |
| Group VI. Practical Arts | |
| Group VII. Physical Education and Health | |
| Physical education: Women are required to take ten class hours, including Physical Education 100, one individual sport, and Physical Education 233, 330, or 331. Men are required to take ten class hours. (A class hour is to be interpreted to mean one hour of class work each week for one semester.) | |
| Electives | 46 semester hours |

Note.—1. The student in conference with his counselor, should choose courses on the basis of his special needs and interests, from among those especially adapted to teaching in the elementary field as a whole, or in any of the following special areas:

| | |
|------------------|-------------------|
| Early Elementary | Rural Elementary |
| Later Elementary | Special Education |

2. The academic training shall include four minors, or a major (This may be a group major) and two minors. The equivalent of two minors must be in subjects or subject fields taught in the elementary grades.

It is possible for students to specialize by presenting majors and minors not only in the general subject-matter fields, but in the special fields as well, of art, home economics, industrial arts, music, physical education, and special education.

3. Certain courses in some departments may not be counted toward satisfying the minimum group requirements. See course descriptions, pages 98 to 195.

4. A course in library methods is required.

5. For further information regarding details of specialization in a department or field, see introductory paragraphs for each department, pages 98 to 195.

SECONDARY CURRICULUM

A.B. or B.S. Degree

State Secondary Provisional Certificate

(For preparation of teachers of Grades 7, 8, 9, 10, 11, 12)**Group Requirements**

(See page 4 for Subject Groupings)

| | |
|--|-------------------|
| Group I. Language and Literature | 12 semester hours |
| Rhetoric (in addition) | 8 semester hours |
| Group II. Science | 12 semester hours |
| Group III. Social Science | 12 semester hours |
| Including two semester hours of political science | |
| Group IV. Education | |
| Human Growth and Development 251 | 3 semester hours |
| Introduction to Directed Teaching 351 | 3 semester hours |
| Directed Teaching, Laboratory in Education, and General Educational Problems 370 A, B, C | 15 semester hours |
| Group VII. Physical Education and Health | |
| Physical education: Women are required to take ten class hours, including Physical Education 100, one individual Sport, and Physical Education 332. Men are required to take ten class hours. (A class hour is to be interpreted to mean one hour of class work each week for one semester.) | |
| Electives | 52 semester hours |

Note.—1. The student in conference with his counselor, should choose courses on the basis of his special needs and interests.

2. The academic training shall include one major and two minors in subjects or subject fields in which the applicant expects to teach.

It is possible for students to specialize by presenting majors and minors not only in the general subject-matter fields, but in the special fields as well, of art, business education, home economics, industrial arts, music, and physical education.

3. Certain courses in some departments may not be counted toward satisfying the minimum group requirements. See course descriptions, pages 98 to 195.

4. A course in library methods is required.

5. For further information regarding details of specialization in a department or field, see introductory paragraphs for each department, pages 98 to 195.

SPECIAL EDUCATION CURRICULA

A. General Requirements and Recommendations

The minimum requirements for all Special Education Curricula are the same as those of the Curriculum in Elementary Education with the exception of requirements and recommendations noted below. All courses are to be chosen under guidance of the student's counselor.
For all Special Education Curricula

Group II. Science 12 semester hours

Recommended courses:

General Biology 100A, B, Hygiene 112, General Psychology 200, Abnormal Psychology 305, Mental Tests 307.

B. Special Requirements and Recommendations

Special Education Curriculum—1

(For the preparation of teachers of mentally retarded and backward children)

Group IV. Education 24 semester hours

Special Requirements and Recommendations:

Introduction to Special Education 331, Mental Deficiency 332, Mental Hygiene 335.

Note.—One-half of the work in directed teaching must be with normal children and the other half with subnormal children.

Special Education Curriculum—2

(For the preparation of teachers of Occupational Therapy)

Group IV. Education

Special Requirements and Recommendations:

Introduction to Special Education 331, Mental Tests 307, Mental Deficiency 332, Mental Hygiene 335, Methods of Teaching Arts and Crafts (K.S.H.), General Educational Problems 370C, Directed Teaching (minimum of 5 semester hours)

Groups V and VI. Fine and Practical Arts.

Special Requirements and Recommendations:

At Western Michigan College of Education

Art 2 semester hours

Special Education Shop 2 semester hours

At Kalamazoo State Hospital

Arts and Crafts 20 semester hours

Note.—1. It is not feasible because of the nature of the work in Occupational Therapy for students in this curriculum to take the 15 semester hours of Directed Teaching, Laboratory in Education, and General Educational Problems 370A, B, C.

2. Thirty semester hours of college credit acceptable to the registrar of Western Michigan College of Education must be presented by the student before she may be formally admitted to this curriculum and begin the study of Occupational Therapy at Kalamazoo State Hospital.

3. The student must spend twenty-seven months at the Kalamazoo State Hospital and affiliated hospitals for which forty semester hours of college credit is allowed on this curriculum. Two semester hours of the forty allowed is credited in Education, and twenty semester hours of it is credited toward a major in Groups V and VI, Fine and Practical Arts.

4. This curriculum is open to women students only.

Special Education Curriculum—3

(For preparation of teachers of speech correction)

Group I. Language and Literature**Special Requirements and Recommendations:**

Fundamentals of Speech 105A, B, Introduction to Speech Correction 230, Principles of Speech Correction 231, Phonetics 318, Basic Voice and Speech Science 319.

Group IV. Education**Special Requirements and Recommendations:**

Applied Speech Correction 300T, Mental Hygiene 335, Introduction to Special Education 331, General Educational Problems 370C, Directed Teaching (8 semester hours).

Suggested electives: Anatomy 211A, Physiology 211B, Principles of Social Work 348, Social Work Practice 349, Psycho-Educational Problems 309.

Note.—It is not feasible because of the nature of the work in speech correction for students in this curriculum to take the 15 semester hours in Directed Teaching, Laboratory in Education, and General Educational Problems 370A, B, C.

GENERAL DEGREE CURRICULUM

A.B. or B.S. Degree

(For liberal and pre-professional education)

Students who do not have in mind preparation for teaching may elect basic courses which provide a general education or which satisfy preliminary requirements for other professional curricula. When such a program of work is carried on for four years and conforms to the degree requirements stated on page 5, except the professional requirements in Group IV and such other special requirements as concern professional training for teaching, the degree of Bachelor of Arts or Bachelor of Science may be granted *without a teaching certificate*.

Since Western Michigan College of Education is on the approved list of the Association of American Universities, students who complete their curriculum with satisfactory records should experience no difficulty in enrolling in the better graduate and professional schools of the United States.

Group Requirements

| | |
|---|-------------------|
| Group I. Language and Literature | 12 semester hours |
| Ancient language and literature, modern language and literature, English language and literature. | |
| Rhetoric (in addition) | 8 semester hours |
| Group II. Science | 12 semester hours |
| Anatomy, astronomy, biology, botany, chemistry, geography, geology, mathematics, nature study, physics, physiology, hygiene, psychology, zoology, certain courses as indicated in the Department of Agriculture. | |
| Group III. Social Science | 12 semester hours |
| History, political science, philosophy, economics, sociology. | |
| Group VII. Physical Education and Health. | |
| Physical education: Women are required to take ten class hours, including Physical Education 100 and one individual sport. Men are required to take ten class hours. (A class hour is to be interpreted to mean one hour of class work each week for one semester.) | |
| Electives | 76 semester hours |

Note.—1. The total minimum requirement is 120 semester hours.

2. One major and one minor sequence must be included.

3. A course in library methods is required.

RURAL ELEMENTARY CURRICULUM (Two Years)

Two year—60 semester hours—curriculum which satisfactorily completed meets requirements for the State Limited Certificate which is valid for three years "and qualifies holder to teach in any Primary School District, or in any Graded School District not maintaining grades above the eighth"*

| | |
|---|-------------------|
| Group I.† English ¹ | 6 semester hours |
| Rhetoric 106A (in addition) | 3 semester hours |
| Group II. Science ² | 8 semester hours |
| Group III. Social Science ³ | |
| Rural Economics 240 | 3 semester hours |
| Rural Sociology 240 | 3 semester hours |
| Elective | 3 semester hours |
| Group IV. Education ⁴ | |
| Curriculum 145 | 3 semester hours |
| Principles of Teaching 240 | 3 semester hours |
| Directed Teaching 271 | 3 semester hours |
| Rural Education 340 | 2 semester hours |
| Elective | 4 semester hours |
| Groups V. and VI. Fine and Practical Arts ⁵ | |
| Personal and Social Problems 120 or equivalent | 1 semester hour |
| Elective | 5 semester hours |
| Group VII. Physical Education and Health ⁶ | 5 class hours |
| Women: Physical Education 100 and Rural School Physical Education 233 | |
| Library Methods | Non-credit |
| Electives ⁷ | 13 semester hours |

Note.—This "limited-time" curriculum is necessary because of the acceptance of a double standard, despite the call for equal educational opportunity, in the professional preparation of teachers for rural and urban schools. It has been arranged to assist students in obtaining as broad and, at the same time, as specific and practical a professional preparation for working with children in farm and rural non-farm communities, as is possible in a period of two years' time.

*Teachers' Certification Code, Bulletin No. 601, 1937, page 8.

†At least one-half—30 semester hours—of this curriculum must be chosen from courses in Groups I, II, and III. Provision has been made for a flexibility of choice, under the guidance of the departmental counselor, among both group and general electives that will facilitate individualization on the basis of the personal and professional needs and interests of each student. In keeping with certification requirements "all courses must be appropriate to the education of elementary teachers". For most students the preferred choices would be made from among the courses in the different groups as listed below.

1. Fundamentals of Speech 105A; Chief American Poets 121; American Prose 122; Literature for Children 203.

2. Rural School Agriculture 105 or Nature Study 231A or Nature Study 231B; Introductory Geography 105A; Health Education 285 or Hygiene 112.

3. United States History 201B and "... a course of six one hour lectures or the equivalent shall be given in political science. . . ."—Michigan School Laws, Section 898; Revision of 1940.

4. Arithmetic 101T; Teaching of Handwriting 100T; Psychology of Reading 212; Human Growth and Development 251. Those selected students permitted to do Directed Teaching 271 in the field while in residence there for six weeks receive 5 instead of 3 semester hours credit.

5. Art Structure 106; Rural School Music 109; Industrial Art 110; Auxiliary Choir 134.

6. A class hour is to be interpreted to mean one hour of class work each week for one semester. Men: Physical Education 102A; 102B; 103A; 103B; Early American Dancing 101; Social Dancing 122. Women: Early American Dancing 101; Social Dancing 122; Swimming 110; Tennis 113.

7. These elections may well be chosen from among the preferred choices listed in the above notes (1 to 5) not used to meet minimum group requirements supplemented if necessary from such courses as follow: Rhetoric 106B; Fundamentals of Speech 105B; Literary Interpretation 210; Lyric Poetry 211; The Familiar Essay 212; The English Bible 218A, 218B; Introductory Geography 105B; Physical Science 100A, 100B; United States History 201A; Introduction to Learning and Adjustment 100; Illustrative Handwork 107.

ACCELERATED RURAL ELEMENTARY CURRICULUM

(Fifty Semester Hours)

In order to help meet the present emergency—there being approximately 650 teachers in preparation for the anticipated 1200 vacancies in one- and two-teacher schools in Michigan—an accelerated program is being offered. Special permits to teach in rural schools will be granted students completing not less than fifty of the required sixty semester hours in the RURAL ELEMENTARY CURRICULUM. The course must include Directed Teaching 271 and other provisions in the sixty semester hour curriculum.

The accelerated curriculum selected under the guidance of the departmental counselor may be completed in one year plus two nine-weeks summer sessions or one year plus one semester.

The special certificate granted upon the satisfactory completion of the accelerated curriculum is valid for one year only. In order to qualify to teach after the expiration of this certificate the candidate must have met the requirements for the State Limited or higher certificate.

DEGREES IN RURAL EDUCATION

Elementary or Secondary Degree Curriculum with major attention given to preparation for work in rural communities: The Rural Elementary Curriculum (Two Years) includes foundation courses for the degree, and students are encouraged to complete one of the four-year curricula—elementary or secondary—at the earliest possible time. Counsel and additional courses are provided by the Department of Rural Education for those students having as their major interest further professional specialization to prepare them more adequately for the exacting multitude of demands upon those working as teachers, principals, superintendents, county commissioners, supervisors or helping teachers in rural communities, be they open country, village, or town. Students preparing to work in the elementary field will choose their four minors and additional courses from among both group and general electives that will facilitate individualization on the basis of personal and professional needs. They will seek especially to prepare for the grades and subject areas of the entire elementary field.

Students preparing to work in the secondary school will choose their majors, minors, and additional subject-matter fields in several areas, mindful of the variety of teaching and extra-curricular demands to be met in the smaller high schools.

Those preparing to serve rural people in the several professions and service occupations, other than teaching, will find considerable basic work in these curricula. For them as well as for degree students preparing to work in either elementary or secondary positions, advanced courses in rural education and rural life are offered.

PRE-PROFESSIONAL AND COMBINED CURRICULA

It is no longer possible for a student to enter professional colleges and universities directly from high school. Pre-professional college training is now required. Most of the best professional schools of the country have prescribed more or less definitely the nature of the college work prerequisite to professional training. The amount of college training required by leading universities in preparation for the various professions, such as law, medicine, and dentistry, has in late years been materially increased. Dentistry, formerly requiring three years, now requires six; medicine, formerly a four-year course, now requires seven years; etc. A number of professions, such as business administration, library science, and, increasingly, social work, are now entirely on the graduate level; that is, a four-year college degree must be presented before one may enter upon the study of these professions.

For the most part, the additional college work now required is of a cultural nature, or is definitely preparatory to professional courses to be taken later. Examples of the latter are work in mathematics basic to engineering, and the social sciences essential to law and social work. Western Michigan College of Education offers two and, in some cases, three or four years of work preparatory to professional study.

Pre-professional curricula have been developed in Business Administration, Dentistry, Engineering, Forestry, Journalism, Law, Medicine and Social Work. In addition to the standard pre-professional curricula, *combined curricula* approved by the State Board of Education have been specially arranged with the various professional schools of certain colleges and universities. In these curricula, the student, after successfully completing the three-year curriculum as outlined, may apply for admission to the professional school or college of which he has met the requirements. If admitted, the student will, after a year of successful work in the professional school be granted the A.B. or B.S. degree by Western Michigan College of Education, providing all General Degree requirements for the Bachelor's Degree have been satisfied. (See page 16). *It will be seen that this shortens by one year the time necessary for obtaining both degrees.*

The professional schools and colleges with which Western Michigan College of Education has agreements concerning combined curricula reserve the right to refuse admission for certain reasons. Because of this, Western Michigan College of Education cannot guarantee that a student successfully completing combined curricula will be admitted to the professional school of his choice. If the student contemplates entering some college or university other than those with which combined curricula have been arranged, he should procure a catalog of the institution he plans to attend, to assist the advisers in mapping out his course. A minimum of two years in residence including the junior year is required for the Bachelor's Degree in the combined curricula. Combined curricula have been arranged with the Schools of Dentistry, Engineering, Forestry, and Law of the University of Michigan. There are also combined curricula with the College of Medicine, Wayne University, and the Detroit College of Law.

A course in library methods and five to ten class hours of physical education are required.

BUSINESS ADMINISTRATION

Because of the fact that the School of Business Administration of the University of Michigan is a graduate school, students in Western Michigan College of Education who plan to enroll later in the University School of Business Administration are advised to take four years of work at Western Michigan College of Education and to secure either the degree of Bachelor of Arts or the degree of Bachelor of Science. Except under certain conditions, a bachelor's degree is prerequisite to entrance in the School of Business Administration of the University of Michigan. A bachelor's degree from Western Michigan College of Education fulfills the entrance requirements but "admission on condition" is imposed upon those who do not present a minimum of twelve semester hours in economics. For a broad foundation in Pre-Business Administration, wise selection from the following courses is suggested.

First Year

| | |
|---|--------------------|
| Rhetoric 106 A, B..... | 6 semester hours |
| Trigonometry and College Algebra 103 A, College Algebra and Analytic Geometry 103 B..... | 10 semester hours |
| or | |
| College Algebra and Analytic Geometry 104 A, B..... | 8 semester hours |
| General Biology 100 A, B..... | 8 semester hours |
| or | |
| General Chemistry 100 A, B, or 101 A, B..... | 8 semester hours |
| History 105 A, B, or 108 A, B, or 109 A, B..... | 6-8 semester hours |
| Fundamentals of Speech 105 A, B..... | 5 semester hours |
| French or German or Spanish 100 A, B, or 102 A, B..... | 8 semester hours |

Second Year

| | |
|---|--------------------|
| English (selected in the field of literature)..... | 2-8 semester hours |
| Principles of Economics 220 A, B..... | 6 semester hours |
| Mathematics 200, or 205 A, B, or 211, or 227, or 228..... | 2-9 semester hours |
| Accounting (Business Education) 210 A, B..... | 6 semester hours |
| General Psychology 200..... | 3 semester hours |
| Political Science 230 A, B..... | 6 semester hours |
| Principles of Sociology 241..... | 3 semester hours |
| Modern Social Problems 242..... | 3 semester hours |
| French or German or Spanish 100 A, B, or 102 A, B..... | 8 semester hours |

Third and Fourth Years

- I. Essential courses listed above which the student desires but has been unable to fit into his program during his first two years of college.
- II. Additional selections from:
 1. Advanced courses in economics.
 2. Advanced courses in rhetoric and literature.
 3. Advanced courses in speech.
 4. Advanced courses in science and mathematics.
 5. Economic history and economic geography.
 6. Other electives.

DENTISTRY

(Combined Curriculum in Letters and Dentistry)

First Year

| | |
|----------------------------------|-------------------|
| Rhetoric 106 A, B | 6 semester hours |
| General Biology 100 A, B | 8 semester hours |
| Electives (see note below) | 16 semester hours |

Second Year

| | |
|---|-------------------|
| General Chemistry 100 A, B, or 101 A, B | 8 semester hours |
| Physics 203 A, B | 10 semester hours |
| Electives | 12 semester hours |

Third Year

| | |
|----------------------------------|-------------------|
| Organic Chemistry 306 A, B | 10 semester hours |
| Electives | 20 semester hours |

Note.—In the selection of electives the student should plan to meet the General Degree requirements in Groups I, II, and III. See page 16.

ENGINEERING

(Combined Curriculum in Letters and Engineering)
University of Michigan**First Year**

| | |
|--|--------------------|
| Rhetoric 106A, B | 6 semester hours |
| Trigonometry and College Algebra 103A, College Algebra and Analytic Geometry 103B | 10 semester hours |
| or | |
| College Algebra and Analytic Geometry 104 A, B | 8 semester hours |
| General Chemistry 101A, B | 8 semester hours |
| Mechanical and Machine Drawing 221 | 3 semester hours |
| Descriptive Geometry 222 | 3 semester hours |
| Electives | 2-4 semester hours |

Second Year

Chemical and Metallurgical

| | |
|--|-------------------|
| Calculus 205A, B | 8 semester hours |
| Mechanics, Heat, and Sound 203A, Electricity and Light 203B | 10 semester hours |
| Engineering Materials 210 | 3 semester hours |
| Qualitative Analysis 201, 202 | 10 semester hours |
| Metal Processing 211 | 2 semester hours |

Third Year

Chemical and Metallurgical

| | |
|---------------------------------------|-------------------|
| Principles of Economics 220A, B | 6 semester hours |
| Organic Chemistry 306A, B | 10 semester hours |
| or | |
| Language (German preferred) | 8 semester hours |
| Statics 320 | 3 semester hours |

| | |
|-----------------------------------|--------------------|
| Advanced Rhetoric 323 | 2 semester hours |
| Fundamentals of Speech 105A | 3 semester hours |
| Social Science electives | 6 semester hours |
| Electives | 2-4 semester hours |

Second Year

Civil and Electrical

| | |
|--|--------------------|
| Calculus 205A, B | 8 semester hours |
| Mechanics, Heat, and Sound 203A, Electricity and Light 203B | 10 semester hours |
| Engineering Materials 210 | 3 semester hours |
| Metal Processing 211 | 2 semester hours |
| Fundamentals of Speech 105A | 3 semester hours |
| Group I electives | 6-8 semester hours |

Third Year

Civil and Electrical

| | |
|--|-------------------|
| Principles of Economics 220A, B | 6 semester hours |
| Foreign Language | 8 semester hours |
| or | |
| Group III elective | 6 semester hours |
| Differential Equations 321 or elective | 3 semester hours |
| Statics 320 or elective | 3 semester hours |
| Advanced Rhetoric 323 | 2 semester hours |
| Theoretical Mechanics 425 or elective | 3 semester hours |
| Electives to total | 32 semester hours |

Note.—1. Language requirement: one year of a foreign language is required unless two years of a single foreign language were presented for entrance.

2. All students must have 12 semester hours in Group III (Social Science), including two hours of political science.

3. Electives: Differential Equations 321 is required in Aeronautical Engineering, Electrical Engineering, and Engineering Mechanics. Geology 230 should be elected in the third year of the Civil Engineering Curriculum.

FORESTRY

(Combined Curriculum in Letters and Forestry)

First Year

| | |
|---|---------------------|
| Rhetoric 106A, B | 6 semester hours |
| General Biology 100A, B | 8 semester hours |
| Trigonometry and College Algebra 103A, B, or College Algebra and Analytic Geometry 104A, B | 8-10 semester hours |
| General Mechanical Drawing 120 | 2 semester hours |
| Electives (to be selected from literature or language) | 4-6 semester hours |

Second Year

| | |
|---|------------------|
| General Chemistry 100 A, B, or General Chemistry 101 A, B | 8 semester hours |
| Botany 221 A, B | 8 semester hours |
| Principles of Economics 220 A, B | 6 semester hours |
| Electives (to be selected from physics; Botany 222; Speech 105 A, B; Sociology 241, 242; literature or language) | 8 semester hours |

Third Year

| | |
|--|-------------------|
| General Geology 230 | 3 semester hours |
| Surveying 210 | 3 semester hours |
| Electives (to be selected from American Government 230; American State and Local Government 231; Geology 230 A, B; Organic Chemistry 306 A, B; Zoology 242; Botany 335; Geography 312 or 325) | 24 semester hours |

Note.—In the selection of electives the student should plan to meet the General Degree requirements in Groups I, II, and III. See page 16.

JOURNALISM

First Year

| | |
|--|------------------|
| Rhetoric 106A, B | 6 semester hours |
| General Biology 100A, B | 8 semester hours |
| or General Chemistry 100A, B | 8 semester hours |
| United States History 201A, B | 6 semester hours |
| French, German, or Spanish 100A, B | 8 semester hours |

Second Year

| | |
|--|------------------|
| Chief American Poets 121 or American Prose 122 | 3 semester hours |
| General Psychology 200 | 3 semester hours |
| Principles of Sociology 241 | 3 semester hours |
| Modern Social Problems 242 | 3 semester hours |
| American National Government 230 | 3 semester hours |
| American State and Local Government 231 | 3 semester hours |
| Principles of Economics 220A, B | 6 semester hours |
| Economic History of the United States 312 | 3 semester hours |
| Electives | 3 semester hours |

Note.—Since journalists are using the typewriter constantly, it is of great advantage to the student to acquire facility in typing. It is strongly recommended that the student who is not already a proficient typist should take a course in typewriting.

LAW

(Combined Curriculum in Letters and Law)

University of Michigan Law School

Detroit College of Law

First Year

| | |
|--|-------------------|
| Rhetoric 106 A, B | 6 semester hours |
| Trigonometry and College Algebra 103 A, College Algebra and Analytic Geometry 103 B | 10 semester hours |
| or | |
| General Chemistry 100A, B | 8 semester hours |
| or | |
| College Algebra and Analytic Geometry 104A, B | 8 semester hours |
| or | |
| Introduction to Physical Science 105A, B | 6 semester hours |
| or | |
| General Biology 100A, B | 8 semester hours |
| English History 109A, B | 6 semester hours |
| Latin, French, German, or Spanish 100A, B (Latin pre- ferred) | 8 semester hours |

Second Year

| | |
|---|------------------|
| English Literature 107A, B | 6 semester hours |
| or | |
| Shakespeare 214A, B | 6 semester hours |
| United States History 201A, B | 6 semester hours |
| Principles of Economics 220A, B | 6 semester hours |
| Accounting 210A, B | 6 semester hours |
| General Psychology 200 (University of Michigan) | 3 semester hours |

Third Year

| | |
|---|-------------------|
| American National Government 230 | 3 semester hours |
| American State and Local Government 231 | 3 semester hours |
| Principles of Sociology 241 | 3 semester hours |
| Modern Social Problems 242 | 3 semester hours |
| Public Finance 320 | 3 semester hours |
| Electives (to be selected from Speech 105A, B; Money and Credit 221A, B; language or literature, or laboratory science) | 15 semester hours |

Note.—1. An average scholarship of two honor points is required by the University of Michigan Law School.

2. The above requirements are those of the University of Michigan Law School. Those of the Detroit College of Law are the same except that for Psychology 200 in the third year, Accounting 210 A, B (6 semester hours) is substituted.

MEDICINE

University of Michigan Medical School

The Medical School requires 90 semester hours of pre-medical work of college level preceded by graduation from an approved high school. An average scholarship of one and three-quarters honor points is required. The college pre-medical requirements must include the following:

| | |
|----------------------------------|----------------------|
| English | 6 semester hours |
| Chemistry | 14 semester hours |
| Physics | 8 semester hours |
| Biology | 8 semester hours |
| French, German, or Spanish | 12-16 semester hours |
| Electives to total | 90 semester hours |

Wayne University College of Medicine

(Combined Curriculum in Letters and Medicine.)

The Medical School requires 90 semester hours of pre-medical work of college level, preceded by graduation from an approved high school.

First Year

| | |
|-------------------------------------|------------------|
| Rhetoric 106A, B | 6 semester hours |
| General Biology 100A, B | 8 semester hours |
| Chemistry 100A, B, or 101A, B | 8 semester hours |
| French or German | 8 semester hours |

Second Year

| | |
|-------------------------------|-------------------|
| English Literature 107A | 3 semester hours |
| Physics 203A, B | 10 semester hours |
| Chemistry 201, 202 | 10 semester hours |
| French or German | 8 semester hours |

Third Year

| | |
|---------------------------------------|-------------------|
| English Literature 107B | 3 semester hours |
| Organic Chemistry 306A, B | 10 semester hours |
| Principles of Economics 220A, B | 6 semester hours |
| Principles of Sociology 241 | 3 semester hours |
| Psychology 200 | 3 semester hours |
| Anatomy 211A | 4 semester hours |
| Advanced Rhetoric 323 | 2 semester hours |

Note.—1. Application for admission to a College of Medicine should be made by the middle of the school year preceding the year in which the student intends to enter the College of Medicine.

2. Credit in trigonometry must be presented before the student may begin the study of physics.

NURSING

(Combined curriculum in Letters and Nursing)

Bronson Hospital, Kalamazoo

A five-year curriculum leading to the B.S. and R.N. degrees. The first and fifth years are spent entirely at Western Michigan College of Education, the fourth year entirely at Bronson Hospital. During the second and third years the student spends most of her time at the hospital, but takes part-time work at the college. Only that part of the combined curriculum for which the college is responsible is given below. A statement of the entire curriculum may be obtained from Bronson Hospital.

First Year

| | |
|---------------------------------|------------------|
| Rhetoric 106A, B | 6 semester hours |
| General Biology 100A, B | 8 semester hours |
| General Chemistry 100A, B | 8 semester hours |
| Modern Europe 108A, B | 8 semester hours |

Second Year

| | |
|--------------------------------|------------------|
| Anatomy 211A | 3 semester hours |
| Physiology 211B | 2 semester hours |
| Chemistry for Nurses 106 | 5 semester hours |
| Bacteriology 212A | 3 semester hours |
| Hygiene 112 | 2 semester hours |
| Nutrition 211 | 2 semester hours |

Third Year

| | |
|-----------------------------------|------------------|
| Principles of Sociology 241 | 3 semester hours |
| Modern Social Problems 242 | 3 semester hours |
| General Psychology 200 | 3 semester hours |

Fourth Year

All the work of this year is given at Bronson Hospital.

Fifth Year

| | |
|---|-------------------|
| English or Foreign Language | 12 semester hours |
| Advanced Rhetoric 323 | 2 semester hours |
| Organic Chemistry 306A | 5 semester hours |
| Foundations of Modern Education 353 | 2 semester hours |
| Survey of American Government 334 | 2 semester hours |

Note.—1. In addition to the 79 semester hours of work outlined above, the student is allowed 41 semester hours college credit on this curriculum only for the work done in the hospital. The student in this curriculum is permitted to present a major in nursing.

2. Four class hours of physical education are required. (A class hour is to be interpreted to mean one hour of class work each week for one semester.)

3. At least two semester hours of political science is required.

4. A course in library methods is required.

SOCIAL WORK*

First Year

| | |
|--|------------------|
| Rhetoric 106A, B | 6 semester-hours |
| General Biology 100A, B | 8 semester hours |
| Modern Europe 108A, B, or Foundations of Western Civilization 100A, B (unless the student plans to take United States history in the sophomore year) | 6 semester hours |

Second Year

| | |
|--|------------------|
| Principles of Sociology 241 | 3 semester hours |
| Modern Social Problems 242 | 3 semester hours |
| General Psychology 200 | 3 semester hours |
| Principles of Economics 220A, B | 6 semester hours |
| United States History 201A, B (unless the student has taken the history suggested for the freshman year) | 6 semester hours |

Third Year

| | |
|---|------------------|
| Advanced Rhetoric 323 | 2 semester hours |
| Any 2 or 3 of the following advanced sociology courses: | |
| Social Psychology 243 | 2 semester hours |
| Problems of Family Life 247 | 3 semester hours |
| Criminology 342 | 3 semester hours |
| Mental Deficiency 332 | 2 semester hours |
| Mental Hygiene 335 | 3 semester hours |
| American National Government 230 | 3 semester hours |
| American State and Local Government 231 | 3 semester hours |

Fourth Year

| | |
|---|------------------|
| Any 1 or 2 of the following (to complete 4 required courses in advanced sociology): | |
| Rural Sociology 245 | 2 semester hours |
| Urban Sociology 340 | 2 semester hours |
| Population 343 | 3 semester hours |
| Social Control 441 (158) | 3 semester hours |
| Cooperative Social Organization 445 (162) | 2 semester hours |
| Principles of Social Work 348 | 4 semester hours |
| Social Work Practice 349 | 3 semester hours |
| Psycho-Educational Problems 309 | 2 semester hours |

*Professional training for social work is today largely restricted to the graduate level by the leading schools of social work. This pre-professional curriculum permits from 49 to 53 hours of electives, only recommended courses being indicated in the above outline. Therefore students pursuing it should plan to complete a curriculum conforming to the degree requirements. Social science should be the field of major sequences, while a minor sequence may be chosen from any field of special interest to the student. If a certificate in teaching is also desired, courses must be selected so that the requirements in one of the certificate curricula are fulfilled.

COOPERATIVE PROGRAM IN RETAILING (Two Years)

A two-year curriculum designed to prepare students for work in the field of retailing. This work is organized on the cooperative plan which combines classroom instruction at the college in the morning, and, with the cooperation of the merchants of Kalamazoo, employment for actual experience in the local stores during the afternoon and Saturday.

Entrance requirements: high-school graduation, recommendation of the high-school principal, aptitude for store work, and approval of the Department of Business Education.

Successful completion of the course leads to a diploma in retailing. If, at a later date, such students desire to secure a degree, credit obtained for work taken in the two-year program may be applied toward degree requirements, (see degree requirements, page 5) provided regular college entrance requirements are met.

Students enrolled in this course will have the opportunity, in addition to taking the specialized courses in retailing, to elect such other college courses as will fit their needs and their schedules, abilities, and work programs will permit. Students should consult their faculty adviser before making a selection of electives.

First Year

| | |
|--|------------------|
| Retail Records 111 | 3 semester hours |
| Fundamentals of Retailing 140A, B | 6 semester hours |
| Retail Merchandising 141 | 3 semester hours |
| Retail Salesmanship 150 | 3 semester hours |
| Merchandise and Job Analysis 151A, B | 6 semester hours |
| Electives | 9 semester hours |

Second Year

| | |
|---|-------------------|
| Retail Accounting 211 | 3 semester hours |
| Retail Credit and Collections 241 | 3 semester hours |
| Store Organization 251A, B | 4 semester hours |
| Retail Publicity 240 | 3 semester hours |
| Electives | 17 semester hours |

Note.—For course descriptions see Catalog, pages 108-113.

SECRETARIAL TRAINING (Two Years)

This curriculum is designed for students who do not plan to remain in college for four years and who desire training for stenographic and secretarial office positions. The curriculum is organized so as to provide as broad a general education as time permits as well as sufficient knowledge and skill to meet successfully business requirements.

Entrance requirements: high-school graduation, recommendation of high-school principal, and approval of Department of Business Education.

Graduates of this two-year course will receive a two-year secretarial diploma and the cooperation of the department and college in securing placement in an office position. If, at a later date, such students desire to secure a degree, credit obtained for work taken in the two-year program may be applied toward degree requirements (see degree requirements, page 5) provided regular college entrance requirements are met.

Enrollment in this curriculum will be limited. Students desiring to take this course should make early application to the Department of Business Education.

First Year

| | |
|---|-------------------|
| Rhetoric 106A, B | 6 semester hours |
| Introduction to Economics 120A, B | 4 semester hours |
| Business Mathematics 120 | 2 semester hours |
| *Secretarial Science 130 A, B | 10 semester hours |
| Electives | 8 semester hours |
| Physical Education | |

Second Year

| | |
|---------------------------------------|-------------------|
| Secretarial Accounting 211A, B | 6 semester hours |
| Principles of Economics 220A, B | 6 semester hours |
| Secretarial Practice 230A, B | 8 semester hours |
| Electives | 10 semester hours |
| Physical Education | |

Note.—1. *Students who have not had shorthand or typewriting in high school should register for Shorthand and Typewriting 100A.

2. Students should consult their faculty adviser before making their selections for electives.

3. Physical Education. Women are required to take six class hours including Physical Education 100, and one individual sport. Men are required to take six class hours. (A class hour is to be interpreted to mean one hour of class work for one semester.)

4. A course in library methods is required.

VOCATIONAL AVIATION MECHANICS (Two Years)

A two-year day-trade course is organized to grant a Smith Hughes diploma, when completed successfully. Twenty to thirty hours per week in shop work and related subjects are offered in modern, well-equipped shops. A government-approved repair station is operated and all repair work on airplane engine and aircraft structure is supervised by licensed mechanic instructors.

A major part of the instruction is given on aircraft, subject to license requirements.

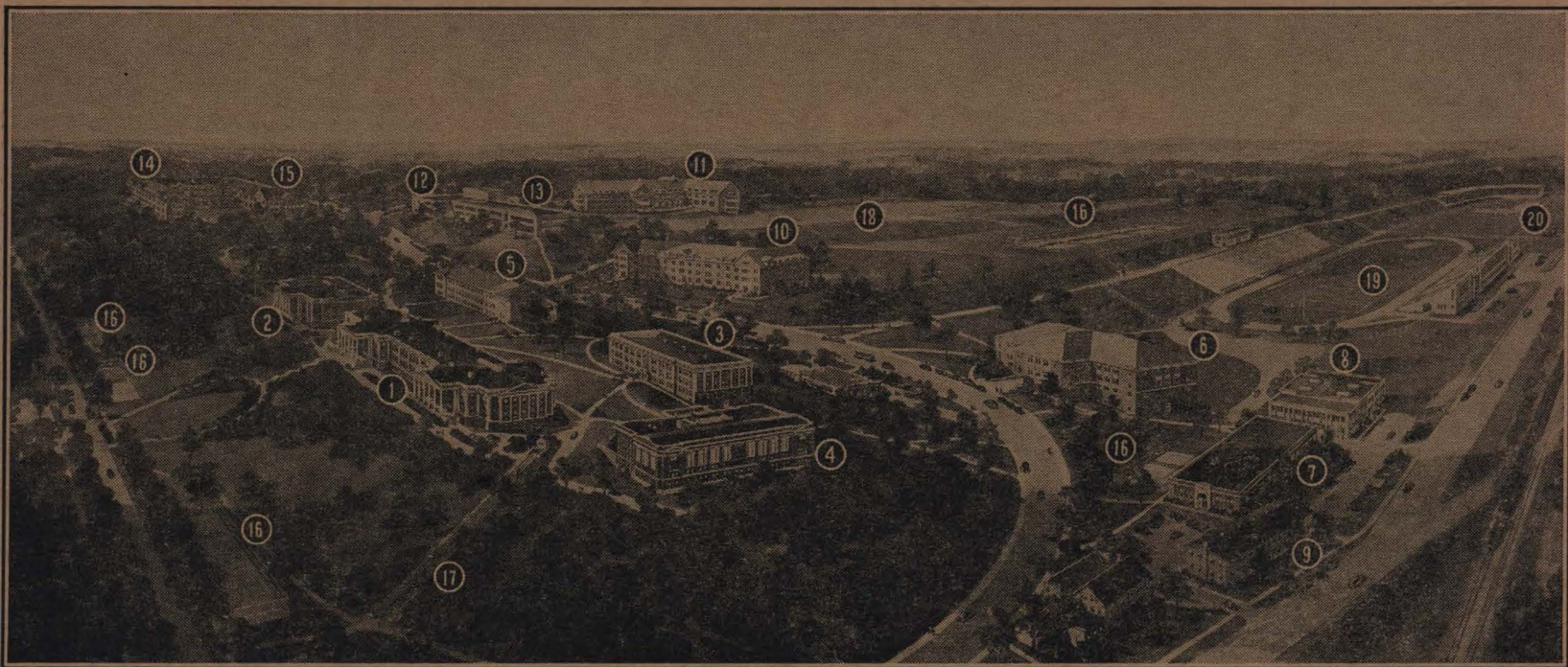
An accurate log book is kept by each student listing repairs and service work completed. This log is retained by the student as evidence of practical experience. A student, when so recommended, may write the government-sponsored examinations for the airplane mechanic or the airplane-engine mechanics license.

Ground school courses are offered in preparation for the pilot's certificate of aeronautical knowledge for both the private pilot and the commercial pilot license.

Pilot training as sponsored by the Civil Aeronautics Administration is available for qualified students.

Note.—For course descriptions see pages 192-195.

WESTERN MICHIGAN COLLEGE OF EDUCATION KALAMAZOO, MICHIGAN



- | | | | | |
|----------------------------------|-------------------------------|--|--------------------------------------|---|
| 1. Administration Building | 6. Men's Gymnasium | 10. Vandercook Residence Hall for Men | 14. Walwood Residence Hall for Women | 18. Women's Physical Education Playground |
| 2. Campus Training School | 7. Industrial Arts Building | 11. Lovina Spindler Residence Hall for Women | 15. Union Building | 19. Waldo Stadium |
| 3. Science Building | 8. Mechanical Trades Building | 12. The Theatre | 16. Tennis Courts | 20. Hyames Baseball Field |
| 4. Library | 9. The "Barracks" | 13. Fine Arts Building (Proposed) | 17. Cable Cars | |
| 5. Health and Personnel Building | | | | |