

MICHIGAN STATE NORMAL COLLEGE
BULLETIN

Vol. XXXV

February, 1945

Number 1

Published Quarterly by Michigan State Normal College
and entered as second class matter at the Postoffice
at Ypsilanti, Michigan.

USUAL SIX-WEEK SUMMER SESSION
JUNE 18-JULY 27

NINE-WEEK SUMMER SESSION
JUNE 18-AUGUST 17
1945



MICHIGAN STATE NORMAL COLLEGE
YPSILANTI, MICHIGAN



SUMMER SCHOOL CALENDAR

- June 18 Monday, registration
- June 19 Tuesday, recitations begin
- June 26 Tuesday, All-College Acquaintance Tea
- July 12 Thursday, Rural Education Conference
- July 23 Monday, Faculty Reception to Summer School Graduates
- July 27 Friday, Final Examinations, Six-Week Session
- July 27 Friday, Six-Week Session closes
- August 17 Friday, Final examinations, Nine-Week Session
- August 17 Friday, Nine-Week Session closes

A bulletin giving complete information regarding concerts, excursions, and other College activities will be available to students at time of classification.



Notice

If you do not find your needs served by the offerings listed in this Bulletin, kindly write us early stating exactly what courses you do need. It is the aim of Michigan State Normal College to meet all demands possible in the Summer Sessions.

Michigan State Normal College

YPSILANTI

STATE BOARD OF EDUCATION

Hon. Mary Farnsworth, President
Hon. Wynand Wichers
Hon. Stephen S. Nisbet
Hon. Eugene B. Elliott, Secretary

ADMINISTRATIVE OFFICERS

John M. Munson, Ph.B., M.Ed., LL.D., D.Ed., President
Egbert R. Isbell, A.B., LL.B., A.M., Ph.D., Dean of Administration
Clemens P. Steimle, A.B., Registrar
Susan B. Hill, B.S., A.M., Dean of Women
James M. Brown, B.S., Dean of Men

FACULTY

Heads of Departments

Elsie V. Andrews, A.B., A.M., Library School Service
Estelle Bauch, B.S., A.M., Home Economics
Leslie Anderson Butler, Ph.B., A.M., M.Ed., LL.D., Laboratory Schools and Placement
Simon E. Fagerstrom, A.B., A.M., Ph.D., History
Noble Lee Garrison, A.B., A.M., Ph.D., Education
Orlo M. Gill, B.S., M.Des., Art
James H. Glasgow, B.Ed., A.M., Ph.D., Geography
Theodore Lindquist, A.B., M.S., Ph.D., Mathematics
Clarence M. Loesell, B.S., M.S.A., Ph.D., Natural Science
Francis E. Lord, A.B., A.M., Ph.D., Special Education
Joseph H. McCulloch, B.P.E., B.S., A.M., Physical Education
Harry L. Smith, B.S., M.S., Ph.D., Physics
Glenadine C. Snow, B.S., M.D., Health Service
John C. Springman, A.B., LL.B., A.M., Commerce
George A. Willoughby, B.S., E.E., A.M., Industrial Arts

Professors

Jennings R. Hickman, A.B., A.M., Ph.D., Zoology
Paul E. Hubbell, A.B., A.M., Ph.D., History
Joseph P. Kelly, A.B., A.M., Ph.D., Speech
Paul B. Samson, B.P.E., M.P.E., Physical Education
Charles C. Walcutt, A.B., A.M., Ph.D., English

Associate Professors

M. Esther Ballew, A.B., A.M., English
Howard Blackenburg, A.B., A.M., Ph.D., History
Ruth L. Boughner, B.S., M.S., Physical Education
Elisabeth Carey, A.B., A.M., English
Florence Eckert, A.B., A.M., English
Leonard Paul Elliott, B.S., M.S., Ph.D., Physics
Carl M. Erikson, A.B., A.M., Ph.D., Mathematics
Mary E. Hatton, B.S., A.M., Industrial Arts
Clara Kelly, B.S., A.M., Home Economics
Carl Lindgren, Music
Marian W. Magoon, A.B., A.M., Ph.D., English
Grace M. Skinner, B.S., A.M., Education
Marion Franklin Stowe, A.B., A.M., Speech

Myron T. Sturgeon, A.B., Ph.D., Geology
Helen Finch Swete, Art
Ben H. Vanden Belt, A.B., A.M., Education
Elizabeth Warren, A.B., A.M., Ph.D., History

Assistant Professors

Lillian A. Ashby, B.Mus., B.S., A.M., Music
Duane Chamberlain, B.S., A.M., Industrial Arts
Grace P. Cooper, A.B., A.M., English
Anthony Engelsman, A.B., A.M., Political Science
Mary F. Gates, A.B., M.S., Ph.D., Special Education
Maud Hagle, A.M., English
Augusta Harris, B.S., M.S., Physical Education
Leonard W. Menzi, A.B., A.M., Education
Margaret E. Sill, A.B., A.M., Geography
Edgar Waugh, A.B., A.M., Political Science

Instructors

Carl M. Badgley, M.D., Special Education
Catherine L. Batschelet, B.S., M.S., Physical Education
Kathryn Becker, A.M., Special Education
Mabel Lucien Bentley, B.S., A.M., Special Education
Anna M. Bunger, Special Education
Leo F. Callahan, A.M., Geography
Frederick B. Cleveringa, B.S., A.B., A.M., Library School
Service
Mildred Crawford, A.B., A.M., Mathematics
Ralph F. Gildenstein, B.S., Industrial Arts
Leo M. Hauptman, Ph.D., Education
Leo Kanner, M.D., Special Education
Bertha A. McLellan, A.B., M.M., Music
Melba M. Miller, A.B., A.M., Special Education
Doris E. Milliman, A.B., A.M., Library School Service
M. Ethel O'Connor, B.S., A.M., Education
Bessie Pugh, A.M., Special Education
Bernice Ringman, B.P.E., Physiotherapist
Gertrude Roser, B.S., A.M., Special Education
John A. Sellers, A.B., A.M., Ph.D., Mathematics
Earl K. Studt, A.B., M.S., Elementary Science
Ruth L. Swanson, B.S., Special Education
Ora Mae Swartwood, B.S., A.M., Special Education
Suzanne Zubler, B.S., Industrial Arts

Faculty of Roosevelt Laboratory School

Leonard W. Menzi, A.B., A.M., Principal
Virginia Wielandy, B.E., A.M., Kindergarten
Eleanor Meston, B.S., A.M., First Grade
Mary R. Martin, Ph.B., A.M., Second Grade
Hazel Davis, Ph.B., A.M., Third Grade
Arline O. Perrine, B.E., A.M., Fourth Grade
Florence R. Eddy, Ph.B., M.S., Fifth Grade
Anneta Monroe, B.S., A.M., Sixth Grade
Catherine L. Batschelet, B.S., M.S., Physical Education

General Information

The summer session provides opportunity for teachers in all types of public school work. Teachers in the early elementary and later elementary grades, junior high school teachers and teachers of rural schools will find courses especially adapted to their needs.

EMERGENCY PROGRAMS

The usual Six-Week Summer Session, June 18-July 27 offers

1. Courses on all curricula leading to degrees and certificates
2. Special offerings for teachers of the several types of handicapped children, in the Horace H. Rackham School of Special Education
3. Graduate Courses conducted under the auspices of the University of Michigan

A Nine-Week Session, June 18-August 17 offers

1. An opportunity to earn a maximum of 10 semester hours of credit and makes possible:
 - (a) To earn a Bachelor's Degree with Provisional Certificate in Three Years and Three Summers
 - (b) To obtain consideration for a permit to teach in Rural Schools on completion of fifty semester hours (two summers and one year) and thus help meet the shortage of teachers.
A State Limited Certificate may be obtained on completion of 10 additional hours.

SPECIAL COURSES TO MEET TEACHER SHORTAGE

- A. *Industrial Arts:* Intensified work will be offered in four-week units, each yielding five or six semester hours credit. These unit programs begin June 1 and will be continued as long during the summer as demands warrant. Enter any time. Persons with appropriate background may earn a minor and qualify for certification in Industrial Arts. Make arrangements in advance.
- B. *Music:* A refresher course will be given for those teachers who wish to re-enter the teaching field, or to review teaching methods.
- C. *Directed Observation:* A Course for former teachers who are planning to teach again.

SPECIAL FEATURES

Particular attention is called to the following features which pertain to the Summer as a whole:

1. *Courses contributing to the war effort:* (a) Beginning courses in both Chemistry and Physics for those who have not had these subjects in high school, and a course in Qualitative Analysis; (b) a course in Vacuum Tubes and their application; (c) a course in Meteorology; (d) a course in First Aid; (e) courses in Plane Trigonometry, College Algebra, Analytical Geometry, and Calculus; (f) courses in Home Economics, centered on the Wartime problems of the individual and the family.

2. *Courses contributing to an understanding of the war and of war aims:* Geographical Background of Current World Events; The Struggle for Freedom; World Politics.
3. *Graduate Study.* Courses giving graduate credit are again available in the summer session. These courses are given under the auspices of the University of Michigan and are open to students possessing a bachelor's degree from a school of recognized standing. A total of six semester hours of credit may be earned in summer school courses. The fee is payable to the Registrar of the College. Students wishing to enroll for graduate work in the summer session should make early application and, unless already done, should file official transcripts of their scholastic records with the College by June 1.
4. *Special Education Program.* The Horace H. Rackham School of Special Education is made the center for an intensified program of special education activities. Courses are offered to meet the needs of teachers of all types of handicapped children. These include courses dealing with the teaching of the deaf and hard of hearing, with the technique of hearing aids, the development of voice, language and speech-reading ability; also courses in the teaching of the blind and near blind, in physical reconstruction, and the care and development of the exceptional child.
5. *Courses relating to Child Welfare, Youth Guidance, and the work of the Visiting Teacher:* Home Nursing and Child Care; Child Psychology; Juvenile Delinquency; Mental Testing.
6. *A course in Safety Education.*
7. *Nursery Schools:* A course in the Education of Pre-School Children.
8. *Courses relating to the State of Michigan:* The Geography of Michigan; Chemical Resources of Michigan; Chemical Industries of Michigan.
9. *Elementary Science.* To meet a demand for instruction in both the organization and teaching of this subject, several courses are provided.
10. *Field Courses in Natural Science.* Through cooperation with the State Department of Conservation, extension field courses giving credit in Biology and Zoology are offered. These courses are given at the Department of Conservation Training School, Higgins Lake, Roscommon county. See *Undergraduate Courses, Natural Sciences*, for description of courses. Further information may be obtained from the Department of Natural Sciences or from the Department of Extension Education, Michigan State Normal College.
11. *A course in Music Appreciation* for those who are not specializing in music.
12. *Courses in Adult Education.*
13. *Intra-hemisphere Understanding:* Geography of the United States and Canada; Geography of Latin America.
14. *Rural Education Conference.* The annual conference on rural education sponsored by the College is held this year during the summer session. The conference brings to the campus specialists in rural life problems.

CONDITIONS OF ENTRANCE

Summer school students are held to the same requirements for entrance that apply to other sessions of the year.

Students who expect to enter should see that their high school credits are sent to the college before the summer session opens. The college has sent blanks to each high school in the state for this purpose. If the high school is out of the blanks, they may be obtained by writing the Registrar of the College. The blank should be filled out and signed by the principal or superintendent of the high school.

ENROLLMENT PROCEDURE

Enrollment for the Summer Session will take place in the gymnasiums on Monday, June 18, beginning at 8:00 a. m. Students will be admitted by ticket. The ticket of admission may be obtained by mail or in person as follows:

1. *By Mail*—The ticket will be mailed to each person who has been previously enrolled in the college or who has had his credentials submitted and approved, provided (a) he shall have made a written request before June 11 (not thereafter) and (b) shall have supplied with his request a *self-addressed stamped envelope*.

2. *In Person*—In Room 7, Pierce Hall, Monday morning, June 18, beginning at 7:45 o'clock, tickets will be issued to all not already supplied by mail, including students formerly enrolled and others whose credentials entitle them to admission.

Graduation

A candidate for graduation at the close of the summer session must make application for graduation not later than July 1, 1945. No student will be graduated on any curriculum whose scholarship index based on the work of that curriculum is less than 1.00.

Standard Student Load

During the six-week summer session the standard student load shall be five hours; not more than six nor less than four may be taken without special permission. During the nine-week session the maximum load shall be ten hours. In computing the standard load required courses in physical training and handwriting are not included.

Irregular Program

No student may enroll for more than the standard load, or for less, without the approval of the Committee on Irregular Program. No credit will be given for work in excess of the amount so approved. Petition for an irregular program *must be made in writing and in advance*. Blanks for this purpose may be obtained in the office of the Dean of Administration.

Students Employed Part Time

A student planning to carry work, for remuneration or otherwise, in addition to the school program, must have such arrangement approved by the Committee on Irregular Program before classifying.

Policy Governing Irregular Program

1. No student adjudged physically unfit will be permitted to carry an increased load.

2. No student who has earned less than fifteen semester hours of credit in residence at this institution is eligible to carry more than the standard load.

3. No freshman is permitted to carry more than the standard load.

4. No student whose cumulative scholarship index is less than 1.50 will be eligible to carry more than the standard load. The index for the semester immediately preceding must be at least 2.00.

5. A student who in addition to his school program is employed part time will be required to carry a reduced load in case it is clear that the student's health or the quality of his work demands it.

Dropping Subjects

A student should not classify for full work and expect to drop subjects later to avoid failure. A student, after his program has been approved, is not permitted to drop a subject or to take up an additional subject without the approval of the Chairman of the Committee on Classification.

TUITION AND OTHER FEES

UNDERGRADUATE:

Students will pay according to load carried in credit hours:

	Michigan Residents	Non-Residents
One, two or three semester hours	\$11.00	\$13.00
Four, five or six semester hours	14.00	18.00
Seven, eight or nine semester hours	17.00	23.00
Ten (maximum load) semester hours	18.00	25.00

GRADUATE:

For full program of work:

Michigan Residents	\$35.00
Non-Residents	\$50.00

For two-hour program of work:

Michigan Residents	\$20.00
Non-Residents	\$30.00

LATE ENROLLMENT: \$2.00. A late registration fee is charged those students who, for any cause, do not complete registration within the hours and on the day officially set apart for registration. Registration is not complete until the fees are paid.

REFUND OF FEES:

1. No refund will be granted unless applied for within one month after withdrawal.
2. A student who withdraws not more than one week after registration will be entitled to a refund of the entire fee.
3. A student who withdraws more than one week and less than two weeks after the beginning of the session, shall be entitled to a refund of one-half of the fee.
4. A student who withdraws more than two weeks and not later than three weeks after the beginning of the session will be entitled to a refund of 40 percent of the fee.

GRADUATION FEES:

Degree	\$3.00
Provisional Certificate	\$3.00
State Limited Certificate	\$2.00

Residence Halls for Students

All students enrolled at Michigan State Normal College will live in the College Residence Halls unless they are domiciled in their own homes. Each student will provide his own bed linen, blankets, bed cover and towels.

All women students will live in the Julia Anne King and Bertha Goodison Residence Halls. The charge, payable on classification day, includes board and room.

	Six Weeks	Nine Weeks
Suite, study and bedroom	\$55.50	\$83.25
Single, study-bedroom (limited number)	64.50	96.75

All men students will live in the John M. Munson Residence Hall. The charge, payable on classification day, includes room only.

	Six Weeks	Nine Weeks
Suite, study and bedroom	\$15.00	\$22.50
Single, study-bedroom (limited number)	24.00	36.00

In all cases there is a key deposit of \$1.00, paid on classification day and refunded upon return of the key. Also, a \$5.00 deposit must accompany application for room. This deposit is refunded at the end of the Summer Session less any damage to the room or furniture. If a student finds it necessary to cancel his application, this deposit is refunded if notice is received before June 1.

Women will make application through the Office of the Dean of Women; men through the Office of the Dean of Men.

Employment for Men and Women

Employment for students is handled through the office of the Dean of Men and of the Dean of Women.

Social Life

Short after-dinner dances are held once a week in Charles McKenny Hall. Other social events are listed elsewhere.

The social regulations which the students are expected to observe will be found in "Information for Residents of Julia Anne King and Bertha Goodison Residence Halls."

Health Service

The Health Service of the College is located at Perrin Street. The clinic is open for consultation and treatment from 9-12 and 2-5 daily.

APPLIED MUSIC

Private lessons may be had at the conservatory. All lessons are in thirty-minute periods and are given either once or twice a week.

Singing

Mr. Carl Lindegren\$18.00

Piano, Violin, Brass Instruments

Mrs. Sylvia Plann Wolff	\$9.00
Miss Ruth Skinner	\$9.00
Mrs. Esther Whan	\$9.00
Mrs. Emily Mutter Adams	\$9.00
Mr. William D. Fitch	\$9.00

Enrollment and fees for private lessons should be arranged for in the Conservatory Office, Pease Auditorium.

The above rates are for one lesson per week, for six weeks.

All fees are paid in advance.

Graduate Courses

*Offered in Cooperation with the University of Michigan
Education

B105a-MS, B105b-MS *The Construction of the Elementary School Curriculum.* 2 or 4 sem hr

The course is designed to acquaint students with theories, techniques, and practices utilized in curriculum building. It deals mainly with existing literature on the subject, although some of the best courses of study will be examined and some practice will be given to the techniques of curriculum building.

8-9 MTWTF Pierce 6 GARRISON

C107a-MS *Psychology of the Elementary School Subjects.* 2 sem hr

This is an advanced course in principles of teaching, dealing with current and improved practices in the teaching of reading, language, writing and spelling. It will involve a study of the basic principles of learning and teaching, survey of experimental studies, and their implications in the teaching of these subjects. Lectures, reports, problems, and class discussion.

10-11 MTWTF Pierce 6 INSTRUCTOR

C175-MS *Psychology of Child Development.* 2 sem hr

The growth and development of the child from birth to maturity will be covered in this course. It will stress the factors credited with influencing mental growth, and the problems of integrating the physical growth and development with mental and social development. Growth curves will be studied with a direct attempt being made to indicate limitations in interpreting the same.

9-10 MTWTF Rackham 107 GATES

Special Education

C120-MS *Mental Hygiene of Adolescence.* 2 sem hr

A basic course in the mental hygiene of late childhood and adolescence with emphasis upon children who present behavior problems. A cognate course.

2-3 MTWTF Rackham 107 KANNER

C132-MS *Clinical Study of Exceptional Children.* 2 sem hr

A study of methods of diagnosing and treating the problems of exceptional children. Opportunity for case studies and clinical experiences.

10-11 MTWTF Rackham 107 KANNER

C225a-MS, C225b-MS *Seminar in Elementary Education.* 2 or 4 sem hr

In this course each student will make an intensive study of some significant problem in elementary education. The unifying content will be the processes and principles underlying pupil learning and normal development and the adaptation of the educational program to such developmental factors in relation to pupil needs. Work on the master's thesis may be prosecuted in this course.

3-4 MTWTF Rackham 102 LORD

*For further information concerning Graduate Courses, see page 6.

C234-MS *Advanced Course in Psychology of Special Education.* 2 sem hr

This course is designed for teachers and supervisors of special education. Course will stress the experimental studies dealing with the nature of mental involvements of handicapped children. Consideration will be given to effects of physical handicaps, motor re-education, glandular involvements, intellectual and emotional processes in learning situations.

9-10 MTWTF Rackham 102 LORD

C237-MS *Orthopedics for Teachers of Crippled Children.* 2 sem hr

This course is intended to give teachers and other workers in the field a comprehensive view of the medical and surgical aspects of orthopedic conditions common among children. It will include lectures by specialists on anatomy, physiology, bacteriology, orthopedic and neurological lesions, malnutrition, cardiology, preventive and reconstructive measures. Material in physical therapy for appreciation but not for professional use will be presented. Clinical observation and field trips to institutions where this type of work is carried on will give the student an insight into its practical application.

4-5 MTWTF Rackham 211 BADGLEY AND STAFF

C240a-MS, C240b-MS *Seminar in Special Education.* 2 sem hr ea

A course designed for the intensive study of a particular phase of special education or development, on the basis of a psychological analysis of some form of atyp, of a piece of research pertaining to the student's particular interest. Master's theses may be started in this course. A student not planning to begin a thesis will be expected to carry to completion a shorter problem of research.

3-4 MTWTF Rackham 102 LORD

C330a-MS, C330b-MS, C330c-MS *Specialized Techniques and Practice in Their Application to the Teaching of Exceptional Children.* 2 sem hr ea

This course is designed to give prospective teachers and supervisors in the field of special education instruction and practice in the teaching of children with various types of handicaps. A program of study will be arranged for each student according to his needs for effectively teaching a specific type of handicapped child. Prerequisites: Teacher's Certificate, C1 and C130 Special Education or equivalent.

8-9 MTWTF Rackham 201 LORD

Geography

126-MS *Local Regional Geography.* 2 sem hr

A detailed geographic survey of a community, together with its trade area. Training in the use of the local environment for the teaching of geography in the elementary schools; the use of source materials in local libraries, schools, businesses, and industrial plants; recognition of the features of the natural environment, with special stress on physiography and soils. *This course is also open to approved seniors.*

2-5 MWF Pierce 9 GLASGOW

History

287-MS *Studies in the Social Sciences in the United States and Great Britain.* 2 sem hr

This course investigates the aims and practices employed by the educational institutions of the English-speaking peoples to acquaint children of elementary and secondary school age with their cultural, economic, political, and social

environment, and to fit them for citizenship. It is restricted to the nineteenth and twentieth centuries. Library research with papers and reports.

11-12 MTWTF Adm 107 ISBELL

143-MS *Nineteenth and Twentieth Century Europe.* 2 sem hr

Europe since 1830. Especially adapted to students who desire an understanding of the major forces that have shaped recent Western civilization. Open also to seniors with permission of instructor.

10-11 MTWTF Pierce 40 BLACKENBURG

195-MS *Problems and Trends in American History.* 2 sem hr

A consideration of the historical background of cultural, industrial, agrarian, and governmental aspects of the American scene. This course should contribute to an understanding of a number of the more pressing problems of American society. Open also to seniors with permission of the instructor.

3-4 MTWTF Pierce 49 WARREN

Under-Graduate Courses

In this bulletin courses on the nine weeks program are scheduled in bold face type. Unless otherwise indicated, courses run six weeks.

ENGLISH

107 *Introduction to Poetry.* 3 sem hr

A study of the form and content of various types of poetry. The primary purpose of the course is to help the student learn to read poetry correctly and appreciatively, and to establish critical standards for determining the quality of a poem. American poetry is used as a basis for the course.

1-3 MTTT Welch 106 WALCUTT

Nine weeks 10-12 MWF Welch 109 Ballew

108 *Introduction to Prose.* 3 sem hr

A study of the form and content of various types of prose—the short story, the essay, biography, addresses, letters—with a view to helping the student establish critical standards for judging good prose. American prose is used as a basis for the course. Prerequisite: 107 Introduction to Poetry.

8-10 MTWF Welch 212 ECKERT

Nine weeks 1-3 MWF Welch 109 Cooper

122 *Rhetoric.* 3 sem hr

(Formerly 112, 113 Rhetoric)

A study of the forms of discourse with emphasis upon the organization of long papers; the use of the library, note-taking, compilation from sources; the analysis of models with a view to effective use of material, diction, and style; weekly papers; conferences. Prerequisite: 121 Rhetoric.

3-5 MTTT Welch 212 CAREY

209 *The Nineteenth Century Novel.* 2 sem hr

A study of the work of representative English novelists from Jane Austen to George Meredith. Prerequisite: 108 Introduction to Prose.

1-3 MWF Welch 105 MAGOON

210 *Shakespeare*. 3 sem hr

An intensive study of five of the principal tragedies, with supplementary study of a Shakespeare handbook. Prerequisite: two courses in literature.

10-12 MWTF Welch 105 MAGOON

1-3 MTTT Welch 110 HAGLE

Nine weeks 3-5 MWF Welch 109 Ballew

317 *English Literature, 1600-1660*. 3 sem hr

A study of English literature from the beginning of the Century to the Restoration: Donne; Jonson; Bacon; Minor Cavalier and Puritan poets; Burton, Browne, Taylor, and other prose writers; the major dramatists; Milton. Prerequisites: three courses in literature.

10-12 MTWF Welch 212 CAREY

319 *English Literature, 1744-1798*. 3 sem hr

A study of English literature from the death of Pope to the publication of the *Lyrical Ballads*: Thomson, Gray, Collins, Johnson, Goldsmith, Cowper, Burns, Blake, and the lesser writers of the period in prose and poetry; collateral reading in fiction and drama. Prerequisites: three courses in literature.

3-5 MTTT Welch 110 HAGLE

404 *English Literature, 1798-1832*. 3 sem hr

The chief writers of the English romantic movement: Wordsworth, Coleridge, Lamb, De Quincey, Hazlitt, Byron, Shelley, Keats. Prerequisites: four courses in literature.

Nine weeks 8-10 MWF Welch 109 Cooper

408 *American Literature*. 3 sem hr

A study of the historical development of American literature from the colonial period to the present, with emphasis on the major writers. Prerequisites: four courses in literature.

8-10 MTTT Welch 106 WALCUTT

416 *The Modern Novel*. 2 sem hr

A study of representative works by such English and American novelists as Thomas Hardy, Henry James, Conrad, Galsworthy, Maugham, Sinclair Lewis, and others. Prerequisites: four courses in literature.

1-3 MWF Welch 212 ECKERT

SPEECH

102 *Interpretative Reading*. 3 sem hr

This course is designed to enable the student to develop poise and ease before an audience and a clear, agreeable and forceful voice. It deals with fundamental problems in the oral interpretation of literature and numerous illustrative selections in the study of these problems. Definite platform work in interpretation is begun and selections are prepared for presentation before the class.

10-12 MTTT Welch 204 STOWE

121 *Public Speaking*. 2 sem hr

(Formerly 111, 112, 113 Public Speaking)

A course dealing with the fundamental problems of public speech including the organization and expression of one's own thought and the interpretation of the thought of others from the printed page.

3-5 MWF Welch 204 STOWE

221 *Dramatics for Early Elementary Grades*. 3 sem hr

(Formerly 221 Auditorium and Classroom Dramatics for Early Elementary Grades)

This course is designed to show how the teacher may select material from history, literature, art and music and use it in dramatic forms of pageantry, festivals and plays; also

to show how these may be produced effectively in the average classroom or assembly hall.

1-3 MTTF Pierce LT KELLY

241 *Speech Correction.* 2 sem hr

Offered to meet the demand for teachers who can intelligently diagnose and treat the less serious cases of defective speech in children. An investigation is made of the mechanism and use of the voice. This is followed by a study of the symptoms and causes of speech defects, such as, lisping, negligent speech, nasality and harshness of voice. Open to sophomores by permission only.

10-12 MWF Rackham 201 PUGH

371 *Forum Discussion in Adult Education.* 3 sem hr

A course intended to improve the effectiveness of individual and group discussion of present-day problems, in the field of adult education—panels, forum groups, parent-teacher programs, community courses, radio programs. Backgrounds and principles will be presented, and opportunity offered for practice in floor discussion.

8-10 MTTF Welch 204 KELLY

NATURAL SCIENCES

Conservation

These courses are given in cooperation with the State Department of Conservation. For further information, confer either with Head of Natural Science or Extension Department.

231 *Conservation in Michigan.* 1 sem hr

Held at Higgins Lake. Enrollment open to both men and women. Reservation should be made before June 15. Expense, including tuition, board and room, is \$5.00.

Summer Extension (June 24-30)

233 *Field Bird Study.* 1 sem hr

Held at Higgins Lake. Field trips, laboratory work, identification, nesting habits, songs of birds will be studied. Expense, including tuition, room and board, is \$25.00.

Summer Extension (June 24-30)

234 *General Field Botany.* 1 sem hr

Held in cooperation with State Department of Conservation at Higgins Lake. General view of plant kingdom will be given and plant anatomy and identification will be stressed. Expense, including tuition, board and room, is \$25.00.

Summer Extension (June 24-30)

235 *Field Entomology.* 1 sem hr

Held in cooperation with State Department of Conservation at Higgins Lake. Identification and control of insects of importance to conservation activities will be stressed. Expense, including tuition, board and room, is \$25.00.

Summer Extension (June 24-30)

General Biology

301 *Genetics.* 3 sem hr

Presents such facts and principles from the fields of variation, cytology, animal breeding and embryology as will enable the student to interpret ordinary hereditary phenomena in both plants and animals. Applications of these principles to the human race are constantly made. This course is not open to freshmen or sophomores. Prerequisite: 121 Principles of Biology or equivalent.

Nine weeks 1-3 MWF Sci 305 Hickman

306 *Anthropology*. 2 sem hr

The origin of the human race, its antiquity, classification and distribution over the earth will make up the body of the course. The growth of the various cultures, especially those in the New World, the progress toward civilization and the light which race history sheds upon the nature of modern man will be considered. Not open to freshmen or sophomores. Prerequisite: 222 General Zoology.

Nine weeks 8-10 TT Sci 305 Hickman

Geology

201 *Minerals and Rocks*. 2 sem hr

(Formerly part of 221 Physical Geology)

This is a practical course in the identification of the common minerals and rocks by means of their physical properties. Consideration is also given to their formation, occurrence, and economic importance, and special attention is given to the minerals and rocks of Michigan. An elementary knowledge of chemistry will be helpful. There are lectures, laboratory identification, and visits to nearby mineral and rock exhibits.

1-3 MWF Sci 107 STURGEON

Elementary Science

100 *Fundamentals in Elementary Science*. 2 sem hr

An elementary academic course intended to furnish a background for those subjects commonly designated as "Elementary Science and Nature Study." The topics treated will be drawn from the ordinary branches of science, and selected on the basis of their suitability to the elementary grades.

1-3 MWF H101 STUDDT

201, 202 *Elementary Science for Grades*. 3 sem hr ea. (See Education.)

209 *Insects*. 2 sem hr

The purpose of this course is to meet the needs of the elementary teachers for insect study units. Students will be taught the methods used in collecting, preserving, and mounting specimens for school use. Consideration will be given to life history studies, insect ecology, and the relation of these animals to man. The various methods used to maintain living insect material in the laboratory will be demonstrated, as this part of insect study is especially valuable in arousing child interest. Prerequisite: 100 or 101 Elementary Science.

Nine weeks 3-5 TT Sci 307 Hickman

210 *Birds*. 2 sem hr

The purpose of this course is to meet the needs of elementary teachers for bird study units. The class activities include the identification of some of the more common Michigan birds in the laboratory and in the field and a study of songs, nests, migration, enemies, food habits, and value of birds. Attention is given to bird literature and to attracting birds to the school and home by means of feeding station, baths, nest boxes, and trees and shrubs. Prerequisite: 100 or 101 Elementary Science.

8-10 MWF Sci 307 STURGEON

Human Physiology and Anatomy

221 *Anatomy and Physiology*. 5 sem hr

(Formerly 201 and 202 Anatomy and Physiology)

A textbook course, supplemented by lectures and demon-

strations, on the structure and functions of the bones, joints and muscles and the organs of digestion, respiration and excretion.

Nine weeks 8-10 MTWTF Gym 12 Boughner

CHEMISTRY

All laboratory courses require a deposit for breakage and non-returnable apparatus, to be paid at the time the student pays tuition.

\$2.00 for courses numbered in the 100 series.

\$4.00 for courses numbered in the 200, 300, or 400 series.

121 *General Chemistry.* 4 sem hr
(Formerly 101a, 101b General Chemistry)

A beginning course for all students, whether or not they have had chemistry in high school, wishing to pursue the study of college chemistry. This course may be followed in the fall semester by 132 Inorganic Chemistry to complete the sequence of the first year chemistry. The laboratory hours are to be arranged with the instructor.

Nine weeks 3-4 MTWTF Sci 302; Lab 1-3 MTWTF Sci 306 Sellers

200a *The Chemical Resources of Michigan.* 1 sem hr

Includes a study of minerals (petroleum, salt, Gypsum, limestone, copper, iron, magnesium) forest products; agricultural, dairy, fruits, etc. Elective course without prerequisites.

1-2 MWF Sci 303 SELLERS

200b *The Chemical Industries of Michigan.* 1 sem hr

Pioneer Period: Furs, preserving and tanning; soaps, saleratus, sugar (maple), charcoal, salt. Modern period: Metallurgy, ceramics, drugs, rubber, plastics, etc. Elective course without prerequisites; although desirable to accompany by 200a. Industrial plant visitations will constitute an important phase of this course and will necessitate some free half days preferably Tuesday or Saturday A. M. Consult instructor about these before enrollment.

2-3 MWF Sci 303 SELLERS

201 *Every-day Chemistry.* 2 sem hr

Designed especially for those students whose major interests lie elsewhere than in chemistry.

No previous chemistry is required and there is no laboratory work. A lecture-demonstration course accompanied by textbook and reference reading. It deals with practical things of daily life, chemistry in the industries, in the home and in the garden. Not to be taken for credit by students who have had high school or college chemistry.

8-10 MWF Sci 302

220 *Elementary Organic Chemistry.* 2 sem hr

Required for home economics majors and elective to non-specializing students who have had a year of college general chemistry. Applications of organic chemistry to sanitation, health, nutrition, and physiology are stressed. Prerequisite: 132 Inorganic Chemistry or equivalent.

10-12 MWF Sci 302 SELLERS

261 *Qualitative Analysis.* 4 sem hr

(Formerly 211, 212 Qualitative Analysis)

Five hours of lecture and recitation on theory of solution, ionization, equilibrium, and oxidation and reduction. Twelve hours of laboratory practice in separation and identification of metals and acid radicals and the solving of unknowns. Prerequisite: 132 Inorganic Chemistry or equivalent.

Nine weeks 4-5 MTWT Sci 302 Sellers

GEOGRAPHY

122 *Weather and Climate.* 2 sem hr

Observation of weather elements, use of meteorological instruments, and practice in forecasting the weather.

Nine weeks 10-12 TT Pierce 9 Glasgow

131 *Background of Current World Events.* 2 sem hr

The geographic, economic, political, and strategic background of current world events. An analysis of important items as they occur from day to day. Newspapers, news magazines and radio news reports will be utilized.

Nine weeks 1-3 TT Pierce 21 Sill

203 *Geography of Asia.* 3 sem hr

A regional treatment. The natural setting, the distribution of the people, the important occupations, and the problems of future development in each of several regions. Prerequisite: 101 Introductory Regional Geography.

Nine weeks 1-3 MWF Pierce 21 Sill

205 *Geography of Europe.* 3 sem hr

A regional treatment. The natural setting, the distribution of the people, the important occupations, and the problems of future development in each of several regions. Prerequisite: 101 Introductory Regional Geography.

Nine weeks 8-10 MWF Pierce 21 Sill

211 *Geography of the United States and Canada.* 3 sem hr
(Formerly 201 Geography of the United States)

A regional treatment. The natural setting, the distribution of the people, the important occupations, and the problems of future development in each of several regions. Prerequisite: 101 Introductory Regional Geography.

10-12 MTWF Pierce 21 CALLAHAN

303 *Field Geography.* 2 sem hr

Techniques in the observation of geographic features in the field. The construction of maps from field sketches and notes and the preparation of field reports. City, village, rural, and recreational areas are mapped. Prerequisite: 101 Introductory Regional Geography.

Nine weeks 1-5 TT Pierce 9 Glasgow

313 *Geography of Michigan.* 2 sem hr

A detailed regional treatment. The natural setting, the distribution of people, the important occupations, and the problems of future development in each part of the state. Prerequisite: 101 Introductory Regional Geography.

Nine weeks 8-10 TT Pierce 21 Glasgow

351 *Background of Current Latin-American Problems.* 3 sem hr

(See History Department for description).

PHYSICS AND ASTRONOMY

104 *Physics.* 4 sem hr

This course is designed to prepare the student without high school physics to take college physics (221 Mechanics, Sound and Heat, and 222 Electricity and Light). The course would attempt, in the nine weeks, to cover the essentials presented in a year of high school physics. By taking this course together with Trigonometry and Algebra 104 or 105 during the summer session, a student would be ready to begin college physics in the fall. This would enable him to gain a year in his training in physics.

Nine weeks 1-3 MTTF Sci 202 Elliott

201 *The Solar System.* 2 sem hr

(Formerly part of 201 General Astronomy)

A non-mathematical course addressed to the large popular interest in the subject. The course contains a great deal of material of use not only to teachers of science, but to the teacher of the grades. Evening work upon planet and moon observation with the telescope and tracing out some of the principal constellations is a feature of the course. Use is made of the ten-inch Mellish refracting telescope and the eight-inch reflector which has been constructed in the department.

1-3 MWF Sci 102 SMITH

211 *Elementary Physical Science.* 3 sem hr

In this course the student will have opportunity to gain first-hand information on topics such as gases, liquids, magnetism, electricity, heat, gravitation, light, sound, molecular forces, and others. Individual student activity in the working out of simple experimental projects, followed by class discussions, will constitute a major part of the course. This work will be particularly valuable to prospective teachers of elementary science.

8-10 MTTT Sci 102 ELLIOTT

221 *Mechanics, Sound and Heat.* 4 sem hr

(Formerly 205 Mechanics and Sound and 206 Heat and Light)

This is a demonstrative study of physics in advance of the usual high school course. It is more mathematical and introduces additional problems and applications. The course is not to be taken by freshmen. Four recitations and one two-hour laboratory period per week are required. Prerequisites: One year of high school physics, 103 Trigonometry and 104 Higher Algebra I.

Nine weeks 10-12 MTTT Sci 202 Smith

321 *Vacuum Tubes and Their Applications.* 3 sem hr

In this course the fundamental principles of the vacuum or electron tube are discussed and demonstrated. Part of the laboratory work will consist of simple electrical measurements involving electron tubes. The student will also obtain practical experience with vacuum tube circuits in the actual construction of oscillators, receivers, amplifiers, etc.

Nine weeks 10-12 MTWTF Sci 102, 106 Smith

MATHEMATICS

103 *Trigonometry.* 2 sem hr

This is an elementary course in plane trigonometry. Prerequisites: one and one-half years of high school algebra and one year of plane geometry. No credit is given to a student who has had one semester of high school trigonometry.

Nine weeks 8-10 TT Pierce 2 Lindquist

104 *Higher Algebra I.* 3 sem hr

This is a review of elementary algebra, and a comprehensive study of the ideas of a function, the graph and quadratic equations. Prerequisites: one year of high school algebra and one year of plane geometry. No credit is given to a student who has had one and one-half years of high school algebra.

10-12 MTTT Pierce 3 CRAWFORD

105 *Higher Algebra II.* 3 sem hr

An advanced college course, including additional work on the theory of the equation. Prerequisite: 104 Higher Algebra or one and one-half years of high school algebra, and one year of plane geometry.

Nine weeks 8-10 MWF Pierce 2 Lindquist

202 *Analytic Geometry*. 4 sem hr
This is a beginning course in plane analytic geometry. Prerequisites: 103 Trigonometry, 105 Higher Algebra II.

Nine weeks 10-12 MTF Pierce 2 Lindquist

220 *Statistical Method in Education*. 2 sem hr
(Formerly 401 Mathematics)

Gives the student practical skill in the use of statistics as now commonly employed in school work—instruction, supervision and administration.

A knowledge of high school algebra is desirable but not required.

3-5 MWF Pierce 21 CRAWFORD

221 *Differential Calculus*. 4 sem hr
(Formerly 203 Differential Calculus and 204 Differential and Integral Calculus)

Time is devoted to the development of laws of differentiation and their application to numerous problems. Prerequisite: 202 Analytic Geometry.

Nine weeks 10-12 MTF Pierce 2 Lindquist

222 *Integral Calculus*. 4 sem hr
(Formerly 204 Differential and Integral Calculus and 205 Integral Calculus)

Time is devoted to integration and its many varied applications. Prerequisite: 221 Differential Calculus.

Nine weeks 10-12 MTF Pierce 2 Lindquist

251 *The Teaching of Arithmetic*. 3 sem hr
(See Education)

302 *Differential Equations*. 3 sem hr
This course includes solutions of different types of ordinary differential equations and their applications. It is of particular value to students expecting to carry on graduate work in either mathematics or the physical sciences. Prerequisite: 222 Integral Calculus.

Nine weeks 10-12 MWF Pierce 2 Lindquist

351A, B *The Teaching of Arithmetic*. 2 sem hr ea
(See Education)

HISTORY AND SOCIAL SCIENCES

American History

121 *American History to 1865*. 3 sem hr
(Formerly 101 American History to 1789 and 102 American History 1789-1865)

A study of United States history from the period of exploration through the Civil War.

8-10 MWTF Pierce 49 WARREN

Nine weeks 1-3 MWF Pierce 49 Fagerstrom

122 *American History, 1865 to Present*. 3 sem hr
(Formerly 102 American History 1789-1865 and 103 American History 1865-Present)

A study of United States History from the Civil War to the present time.

1-3 MTF Pierce 40 BLACKENBURG

351 *Background of Current Latin-American Problems*. 3 sem hr

Historical, geographical, and political background of Latin America. A study of Latin-American independence movements; racial and cultural differences; factors which have favored outside economic and cultural penetration; political institutions; importance of the Monroe Doctrine; the cur-

rent problem of establishing "good neighbor" relations; historical and geographical factors underlying trade; possible future trends in trade and defense of the Americas.

1-3 MTTF Pierce 49 WARREN, CALLAHAN

Modern History

221 *The Struggle for Freedom.* 2 sem hr

A study of some of the steps in the attainment of individual liberty: Primitive man and his institutions; individual rights in Greece and Rome; among the Vikings and in medieval Europe. The development of representative government in England; economic, religious, and political forces in the sixteenth and seventeenth centuries. The clash between autocracy and democracy within the American colonies. The American and French revolutions with their doctrine of individual rights. The establishment of the federal constitution with "Bill of Rights." The French Revolution and attempts at limited representative government. Impact of the industrial revolution on the economic and political status of the common man; free labor versus slave labor; free land; expansion of suffrage.

Nine weeks 10-12 TT Pierce 47 Fagerstrom

232 *Modern Europe, 1815 to 1919.* 4 sem hr

(Formerly 241 Modern Europe 1789-1900 and 245 Europe Since 1900)

Beginning with the Congress of Vienna the course deals with the revolutions of 1830 and 1848, political developments in Western Europe, the unification of Italy and Germany and the international rivalries. The causes of the world war of 1914 are discussed, colonies, commerce, and alliances, and the great events of the war, followed by a study of American neutrality and participation, the society established by the post-war treaties of 1919, Russia, Italy, and the decline of the League of Nations.

10-12 MTWTF Pierce 48 HUBBELL

271 *Introduction to World Politics.* 3 sem hr

A course designed to introduce the student to international power politics. The policies of Great Britain, Germany, Russia, France, Austria-Hungary, Italy, the United States, and Japan, will be studied.

10-12 MTTF Pierce 54 WAUGH

348 *Europe Since 1919.* 2 sem hr

Emphasis is placed on tracing the consequences of the World War.

3-5 MWF Pierce 48 HUBBELL

Sociology

200 *Principles of Sociology.* 3 sem hr

This course deals with the fundamental facts of human relationship, and is prerequisite to advance courses in sociology. Textbook, lectures, oral and written recitations, discussions, reports.

8-10 MWTF Pierce 54

201 *Principles of Social Organization.* 3 sem hr

A study of the important laws of social organizations. An historical development of human institutions; the origin and antiquity of man, the general nature of ancestral man; the physiographic factors in social life, climatic selection and stimulation, the influences of geographical conditions on the spread of culture; the biological factors of social life, variation and heredity; interaction of individual and group; the evolution of material culture; basic elements in

economic life, the rise of modern industrialism; myth, magic, religion and science. Textbook, lectures, reports.

1-3 MWTF Pierce 36

Political Science

110 *National Government in the United States.* 2 sem hr
The course satisfies the political science requirement on all curricula. Prerequisites: high school courses in American history and government.

3-5 MWF Pierce 36 WAUGH

Nine weeks 8-10 TT Pierce 54 Engelsman

113 *State and Local Government.* 2 sem hr

(Formerly 213 Social Science)

A study of state government with special emphasis given to the government of Michigan. This course should be especially valuable for teachers of social science in senior and junior high schools. A textbook is used but time will be given to current problems, and students are encouraged to form their own judgments on proposed changes. This course satisfies the political science requirement on all curricula.

8-10 MWF Pierce 36 ENGELSMAN

Economics

220 *Elements of Economics.* 3 sem hr

This course constitutes the first half of a study of general economics. Descriptive and analytical work is combined, with emphasis on basic concepts and principles. Among the topics studied are: production, income and wealth; the nature and functions of money; economic inter-dependence; forms of business organization; accounting concepts; the determination of prices and the significance of prices.

Nine weeks 8-10 MWF Pierce 47 Fagerstrom

222 *Money and Banking.* 3 sem hr

This course deals with the relation of money and credit to the processes of production and exchange of goods and services. A brief sketch of American monetary and banking history is included. Our present currency and banking system is studied, with attention given to contemporary problems, especially the relation of money and credit to the problem of economic stability. Prerequisites: 220 and 221 Elements of Economics.

Nine weeks 1-3 MWF Pierce 36 Engelsman

EDUCATION

Educational Psychology

302 *Educational Psychology.* 3 sem hr

(Formerly 102 and 202 Education)

Applies the general psychological principles to learning and to the development of personality. Prerequisite: 301 Psychology.

1-3 MTTF Pierce 6 GARRISON

Principles of Education

303 *Principles of Teaching.* 3 sem hr

(Formerly 203 Education)

This course is to be taken in the semester immediately preceding teaching. It is to prepare the student specifically for practice teaching in the training school and deals with the application of the principles of psychology and teaching

to the actual work of the school. The basic factors in diagnosing, planning, teaching and in maintaining favorable working conditions in teaching will be considered. Prerequisite: 302 Educational Psychology or 321 Child Psychology.

10-12 MTWF Pierce 37 HAUPTMAN

315 *Early Elementary Curriculum.* 2 sem hr
(Formerly 109 and 215 Education)

This course is an intensive study of the curriculum and methods of procedure of the kindergarten-primary grades. It includes: a review of the characteristics and interests of small children; a detailed study of the aims, content and procedures of the self-directed period, home and community life; language, writing, handwork, plays and games; a survey of large units of work for each grade. Prerequisites: 301 Psychology and 321 Child Psychology.

Nine weeks 10-12 TT Pierce 38A Skinner

415 *Directed Observation.* 2 sem hr

Intended primarily for teachers of experience who feel the need of a knowledge of recent developments in teaching in the elementary school. Supplemented by observation of classes as taught in the laboratory school. Not a substitute for practice teaching, but may be counted as a free elective in education. Prerequisites: 303 Principles of Teaching, and teaching experience.

8-10 MWF Roosevelt VANDENBELT

Tests, Measurements and Research

340 *Educational Tests and Measurements.* 2 sem hr

Prepares students for the discriminating selection, precise administration, adequate interpretation and effective classroom use of standardized and informal educational tests and test results. Each student applies the principles of testing by preparing an informal test for classroom use. Prerequisite: 302 Educational Psychology or 321 Child Psychology.

1-3 MWF Pierce 38A HAUPTMAN

Administration and Supervision

316 *Public Education in Michigan.* 2 sem hr

A study of the development, organization, administration and support of the public school system in Michigan. This course, prescribed by the State Board of Education in all curricula leading to a teacher's certificate, acquaints the teacher with the institution in which he is to work.

3-5 MWF Pierce 5 VANDENBELT

432 *Administration and Supervision of Elementary Schools.* 2 sem hr

(Formerly 432 Organization and Administration of Elementary Schools)

This course gives thorough consideration to the principles and practices of the elementary school principalship. It deals with the organization and administration of the school in general and of the following related units: classification and promotion of pupils, the curricular and extra-curricular work, special groups and subjects, classroom teaching, pupil progress, teacher improvement, school plant and equipment, personnel problems and professional leadership. Prerequisites: 302 Educational Psychology and 303 Principles of Teaching.

1-3 MWF Pierce 5 VANDENBELT

435 *Extra-Curricular Activities in High School.* 2 sem hr

Designed for those on the Senior High School Curriculum. Every phase of extra-curricular activity is studied.

3-5 MWF Pierce 38A MENZI

437 *Curriculum Background for the Elementary School Library.* 2 sem hr (See School Library Service)

460 *The Elementary School Curriculum Work Shop.* 3 sem hr

This course permits the student to do intensive work in actual problems which confront him in his own school and to work out curricular units in subject fields. Class limited to thirty students. Prerequisites: 302 Educational Psychology, 303 Principles of Teaching, and teaching experience. 8-10 MTTF Pierce 6 GARRISON

Psychology

301 *Psychology.* 3 sem hr
(Formerly 101 and 201 Education)

This course is an introductory course serving as a scientific basis for subsequent courses in education, as well as an introduction to the field of psychology. The course will center about the facts of original nature and their cultural modification—attitudes, habits, learning; and it will give much attention to providing an understanding of sensation, perception, memory, emotion and related subjects. It should be taken the term immediately preceding 302 Educational Psychology or 321 Child Psychology.

Nine weeks 1-3 MWF Pierce 39 Skinner

321 *Child Psychology.* 3 sem hr

This course is designed for students particularly interested in child study. It stresses the child as an individual, his original nature and temperament, as a part of a group and the interaction of biological and societal raw material; the conditioning and reconditioning of behavior tendencies, behavior problems; the individuality and similarity of responses. Personality studies, case records, tests and measurements are investigated. Prerequisite: 301 Psychology.

Nine weeks 8-10 MWF Pierce 38A Skinner

Pre-school Education

356 *The Education of Pre-School Children.* 3 sem hr

A functional study of the pre-school child and his development through (a) an analysis of the major problems involved and an application of the current solutions to them, (b) observation and experience with modern techniques in the measurement of children, and (c) the evaluation and use of the findings of research relative to the young child's educational, social, moral, emotional, mental and physical growth—an organismic concept. Readings, discussions, and observation and study of pupils in the pre-kindergarten room.

8-10 MTTF Welch 103 BAUCH

Courses in the Teaching of Designated Subjects

201, 202 *Elementary Science for Grades.* 3 sem hr ea

Methods courses for those who expect to teach in the grades or who expect to supervise such teaching. The work consists of methods of organization and presentation of science problems, of directing such activities as would arise, and of collecting and caring for live material. 201 is adapted for primary grades, and 202 for intermediate grades. Prerequisite: 100 or 101 Elementary Science.

8-10 MTTF Hover 101 STUPT

251 *The Teaching of Arithmetic.* 3 sem hr
(Formerly 101 Mathematics)

This course reviews the fundamental principles of arithmetic and at the same time presents the most approved

methods of teaching the same. The course is developed primarily for students classifying under the State Limited Certificate Curriculum.

1-3 MTTF Pierce 2 CRAWFORD

351A, 351B *The Teaching of Arithmetic.* 2 sem hr ea
(Formerly 101a, 101b, Mathematics)

Reviews the fundamental principles of arithmetic and at the same time presents the most approved methods of teaching the subject. 351A is the required course of the Early Elementary Curriculum and 351B of the Later Elementary Curriculum.

1-3 MWF Pierce 2 CRAWFORD

310, 311, 312 *The Teaching of Reading.* 3 sem hr ea
(Formerly 121, 122, 123 Speech)

These are parallel courses which cover problems and methods of teaching reading. 310 is adapted to elementary teachers, 311 to later elementary teachers, and 312 to rural school teachers. Work will be assigned according to the curriculum on which the student is specializing. Prerequisite: 302 Educational Psychology.

8-10 MTTF Pierce 5

462 *Improving Reading Instruction in the Elementary School.* 3 sem hr

This course is designed to give practical assistance to teachers in the elementary schools, rural schools, and upper grades (a) in locating their reading problems and finding solutions to them, (b) in applying these solutions in their classrooms, and (c) in evaluating the results. This will involve analyzing the factors that affect reading; selecting and administering informal and standardized tests and interpreting the results, understanding the different types of reading instruction and appropriate materials; recognizing the different stages in reading and the skills, habits, and attitudes to be developed on each level; and showing the importance of reading in relation to the content fields. Prerequisites: teaching experience or an introductory course in the teaching of reading.

10-12 MTTF Pierce 6

463 *Teaching the Language Arts in the Elementary School.* 3 sem hr

This course is designed to help teachers evaluate their work in establishing desirable pupil habits and attitudes in using language, handwriting, and spelling in their daily activities. Study will be made of the techniques, procedures, and materials, as means (a) of developing pupil independence, self-evaluation, and self-improvement of work; (b) of adapting standards to the individual capacity and maturity of pupils; and (c) of basing the work upon pupil purposes and interests. Emphasis will be placed upon the use of special periods for meeting individual pupil needs in these subjects, and upon ways in which teachers may organize their teaching so that language, handwriting, and spelling will be taught throughout the day in conversation and discussion, in reporting and recording experiences, and in planning and carrying on curricular and extra-curricular activities. Prerequisites: Educational Psychology (or Child Psychology) or Principles of Teaching.

10-12 MTTF Pierce 4A O'CONNOR

Rural Education

175 *School Management and Course of Study.* 2 sem hr

This course is a study of principles of organization and management with special application to small rural schools. Bulletins published by the Department of Public Instruction are studied to acquaint the student with recommendations of the department concerning organization and management and to supplement the subject matter of the course of study.

3-5 MWF Pierce 4A O'CONNOR

470 *The Rural School Curriculum Work Shop.* 3 sem hr
This course permits the student to do intensive work in actual problems which confront him in his own school and to work out curricular units in subject fields as desired. Class limited to thirty students.. Prerequisites: 302 Educational Psychology, 303 Principles of Teaching, and teaching experience.
8-10 MTTF Pierce 6 GARRISON

SPECIAL EDUCATION

306 *Mental Hygiene.* 2 sem hr
This course aims to account for the normal behavior of man and his emotional reactions. It deals with those factors, the knowledge of which enables a person to understand himself and others. It should aid the teacher and parent in solving disciplinary problems and be of direct help in the adjustment of students to their college life.
1-3 MWF Rackham 203 BENTLEY

350 *Mental Deficiency.* 2 sem hr
This course deals with the nature and causes of mental deficiency; physical and mental characteristics of mental defectives; different types and the possibility of development; psychology of backward and defective children in relation to their training and instruction and the social control of the mentally deficient. Opportunity will be given for observation and clinical study of sub-normal children.
3-5 MWF Rackham 203 BENTLEY

351 *Education of Exceptional Children.* 2 sem hr
A consideration of the administrative problems connected with the education of the non-typical child—the blind, the deaf, the crippled, speech defectives, incorrigibles, sub-normals, supernormals and children of low vitality. Of special value to principals and superintendents, as well as to teachers of Special Education.
10-12 MWF Rackham 102 LORD

354 *Juvenile Delinquency.* 3 sem hr
A study of relation of mentality and other factors to conduct in children of school age; insubordination, incorrigibility, truancy, and juvenile crime considered from the standpoint of their relation to environmental influences, emotional instability, mental conflicts, and suppressed experiences. Case studies of children presenting conduct problems will be made.
Not open to Freshmen.
1-3 MTTF Rackham 101 GATES

355 *Individual Intelligence Testing.* 2 sem hr
The course will cover the leading individual tests of intelligence level. The purpose is to give the student a practical working knowledge of the language and performance scales, by text, discussion, demonstration, and actual experience. to the end that he may rate the intelligence level of the various classes of children, found in the public schools. Aside from Special Education majors, admission to this class is by permission of the director only.
10-12 MWF Rackham 203 BENTLEY

358 *Methods of Teaching Slow-Learning Children.* 2 sem hr
(Formerly 358 Methods of Teaching Exceptional Children)
Aims to review the subject matter taught the exceptional child, together with the latest development along each line: to study pertinent school-room problems, individual children and their development in a socialized schoolroom; and through the use of formal and informal tests, to study ways and means of diagnosing and remedying special defects.
8-10 MWF Rackham 205 ROSER

367 *Education of Children with Impaired Vision.* 2 sem hr
(Formerly 367 Sight Saving Teaching Methods)

Treats of general problems of sight conservation, organization and administration of sight saving classes, adjustment of environment, teaching media and curricula modifications essential to the needs of the individuals with defective vision. An assigned program of observation of sight saving class work is required.

8-10 MWF Rackham 203 OLDS

369 *Methods of Teaching Crippled Children.* 2 sem hr

The purpose of this course is to familiarize the student with units of work designed to meet the education and psychological needs of the crippled child. Emphasis will be placed upon the presentation and adaptation of teaching materials, the ways and means of providing for individual differences. This includes a study of the individual in the light of his particular disability.

8-10 MWF Rackham 218 MILLER

372 *Teaching Speech to the Deaf.* 3 sem hr

(Formerly 372 The Teaching of Speech)

An introduction to the educational needs of the deaf child with special reference to speech development. A thorough study is made of the formation and development of the elementary English sounds, sense training, fluency and rhythm of speech. Lip reading and speech vocabularies are stressed and materials of development thoroughly studied.

8-10 MTTF Rackham 217 BECKER

373 *Therapeutic Care of Crippled Children.* 2 sem hr

A study of means of rehabilitation of crippled children, stressing the principles of physiotherapy and occupational therapy; special equipment and special services; camping, plays, games and leisure time activities and means of safeguarding the child both in and out of school. Field trips as indicated in 374 Special Education.

10-12 MWF Rackham 218 BINGMAN

374 *Physical Reconstruction of Crippled Children.* 2 sem hr
(Formerly 374 Physical Reconstruction)

This course will include a discussion of state and national agencies dealing with crippled children, methods of finding and diagnosis, causes of crippling, methods of treatment and prevention and classification of types. Consideration will be given to cardiac cases since these children are often found in orthopedic classes. Class discussions, special lectures, visits to clinics, camps and convalescent homes for crippled children.

1-3 MWF Rackham 218 RINGMAN

378s *Hearing Aids and Their Use.* 2 sem hr

Principles of the physics of sound and the mechanical requirements of high fidelity aids; history of hearing aids and their development. Intelligibility tests and educational and social usage of individual and group hearing aids. This course may not be elected by those who have had 378 Audiometric Testing and Use of Hearing Aids.

1-3 MWF Rackham 105 SWARTWOOD

385 *Essentials of Language Development and Reading for the Deaf.* 3 sem hr

(Formerly 385 Essentials of Language Development and 400 Reading for the Deaf Child.)

A study of the natural acquisition of language and the principles used to develop the language of the deaf. The development of a reading program is studied, showing how it coordinates with language development. The needs of the various grade levels are discussed.

1-3 MTWT Rackham 217 PUGH

387 *Speech-Reading for Adults I.* 3 sem hr

A careful development of rhythmical syllable exercises, synchronous drills and grammatical form exercises. Emphasis is placed on imitation and rhythm as aids in developing speech-reading ability. Discussion and conversation are directed toward the forming of the right foundation habits for subsequent study and practice of speech-reading.

10-12 MTTF Rackham 216 BUNGER

393 *Teaching Speech Reading to the Hard of Hearing.* 3 sem hr

(Formerly 393 Jena Materials and Method, and 396 Principles of Teaching Speech Reading)

This course offers a survey of methods of teaching speech reading used in the United States and evaluates the contributions of each method. Detailed study of the Jena Method includes development and practice of foundation exercises, presentation of typical lesson plans on both adult and children's level, and collection of source materials for practice teaching. Provision is made for observation of the children's class. Special consideration is given to adapting methods, materials and procedures to the needs of the war deafened.

1-3 MTTF Rackham 216 BUNGER

401A *Pathology of the Ear.* 2 sem hr

This course will deal with the anatomy, physiology and pathology of the ear. Emphasis will be placed upon the prevention of deafness and the setting up of conservation of hearing clinics. The course is designed to meet the needs of teachers, social workers, public health and school nurses and others working in the service of those who have impaired hearing.

3-5 MWF Rackham 105 SWARTWOOD

401B *Testing Auditory Acuity.* 2 sem hr

Techniques for administering group and individual audiometric tests. Organization and administering of hearing tests and surveys, including observation and practice. This course is designed to meet the needs of teachers, social workers, public health and school nurses and others working in the service of those who have impaired hearing. This course may not be elected by those who have had 378 Audiometric Testing and Use of Hearing Aids.

10-12 MWF Rackham 105 SWARTWOOD

LABORATORY SCHOOLS

Student Teaching. (Elementary Grades.) 3 sem hr

No student may earn more than 3 semester hours credit in practice teaching during the summer session.

Assignments in this course will be made subject to the following regulations:

1. Only students who may become eligible for graduation at the close of the summer session will be enrolled.
2. No student may do student teaching and carry a total load of more than 6 semester hours.
3. No student will be permitted to satisfy the total requirements in student teaching during summer sessions only.
4. Only students whose academic records are of a high order will be permitted to teach during the summer session.
5. Application for student teaching must be made before May 15; assignments will be mailed to those approved not later than June 11.
6. Students teaching during the summer session will reserve hours 9:00-12:00 for 3 semester hours credit, 10:00-12:00 for 2 semester hours credit in teaching, and for conferences with their supervisors.

7. All students assigned to teaching for the summer session will meet in Room 202, Roosevelt School, Tuesday, June 10, at 4:00 p. m. for the first conference with supervising teachers.

FINE ARTS

101 *Elementary Art.* 3 sem hr

A course in drawing and painting open to all students with the purpose of developing an appreciation of form and color and offering to each individual opportunities in creative work. Crayons, water colors, chalk and clay are used.

Nine weeks 8-10 MWF Adm 206 Gill

103 *Commercial Design.* 2 sem hr

Lettering and design with emphasis on composition and color as applied to posters, cover designs, book plates, trademarks, and manuscript writing.

1-3 MWF Adm 208 SWETE

106, 106a *Still-life Painting.* 3 sem hr ea
(Formerly Still-life Drawing and Painting)

Special attention is given to the arrangement of various objects for the purpose of stimulating the student's perception of form, value, and color. Charcoal, water color, and oils are used. For additional work in this course classify in 106a. Prerequisites: 101 or 101s Elementary Art and 111 Elementary Design.

10-12 MTTTF Adm 206 GILL

111 *Design.* 3 sem hr

(Formerly 111 Elementary Design)

This class is held two hours, four days a week. The development of the ability to create structural and decorative arrangements is the purpose of this course. Prerequisite: 101 or 101s Elementary Art.

3-5 MTTTF Adm 208 SWETE

200 *Art Appreciation.* 2 sem hr

A general course to introduce the student to the history of sculpture, painting, and architecture, also to acquaint the student with the elements of creative design and color as applied to the home, school, and community. Prerequisite: 101 or 101s Elementary Art.

Nine weeks 8-10 TT Adm 206 Gill

201, 202 *Life Sketching.* 3 sem hr ea

This class is held two hours, four days each week. It consists of criticisms of individual drawings from life in black and white and color.

10-12 MTTTF Adm 206 GILL

204 *Advanced Design.* 3 sem hr

This class is held two hours, four days each week and consists of design and its use in numerous crafts such as batik, block printing and the decoration of various types of shapes and surfaces. Prerequisite: 101 or 101s Elementary Art.

3-5 MTTTF Adm 208 SWETE

301 *Lettering.* 2 sem hr

The objective of this course is to acquire skill in pen and brush lettering for display cards, posters, signs, and charts.

1-3 MWF Adm 208 SWETE

MUSIC

104 *Elements of Music.* 2 sem hr

Designed to give the grade teacher a singing, music, reading and theory practice in the elements of music. It acquaints the students with rhythm and tone problems, and aims to develop skill in music reading and an appreciation of music.

8-10 MWF Pease E ASHBY

115 *Music Appreciation.* 2 sem hr

A course for non-specializing students. The aims of the course are to acquaint the student with the various types, forms, and styles of instrumental and vocal compositions. Illustrations through records and performances by accomplished musicians will be used.

10-12 MWF Pease E ASHBY

Nine weeks 1-3 TT Pease C McLellan

220 *Elementary Music Education.* (For Non-specializing students.) 3 sem hr

(Formerly 220 Early Elementary Music Education)

This course is a study of music in relation to the interests, characteristics and needs of children in early elementary grades. It includes the following topics: development of a sense of rhythm, care and development of the voice, ear training, presentation of the staff and its notation, music reading, song repertoire, appreciation of beauty in music and instrumental work. Prerequisite: 104 Elements of Music.

1-3 MTWF Pease C ASHBY

Nine weeks 8-10 MWF Pease C McLellan

232 *Voice Culture.* 2 sem hr

(Formerly Music 132a, 132b)

A course of lectures on vocal anatomy, breathing and the various phases of singing. Analysis and use of exercises for the development of the voice and elimination of the faults of singing. A limited repertory of old classics and folk songs. It is open to all students and required of all specializing in Public School Music and Singing.

1-3 MWF Pease E LINDEGREN

420 *Survey of Music Education.* 3 sem hr

A refresher course designed for teachers who are re-entering the teaching field (grade teachers who teach music either with or without supervision and teachers of music) who wish to review methods and become acquainted with new materials. The course will include: Care and treatment of voices, song interpretation, presentation of rhythmic and tonal problems, listening lessons, creative music, part singing, techniques of conducting, the organization and administration of various types of musical organizations, rural school music and other related topics. Open only to those with teaching experience.

10-12 MTWF Pease C MCLELLAN

INDUSTRIAL ARTS

101 *Elementary Woodwork and Shop Sketching.* 2 sem hr

Teaches the elementary principles of woodwork correlated with shop sketching. The course includes the development and construction of projects which form a foundation for teaching.

1-3 MWF Adm 10 CHAMBERLAIN

Nine weeks 1-3 TT Adm 10 Chamberlain

112 *Household Mechanics.* 3 sem hr

This course is general in nature covering numerous projects and jobs which involve processes and the application of information most valuable to one in his home or business.

8-10 MTTF Adm 9 CHAMBERLAIN

Nine weeks 8-10 MWF Adm 9 Chamberlain

113 *Elementary Practical Electricity.* 2 sem hr

This course is elementary in nature covering in detail the fundamentals underlying common applications of electricity, electrical repair and maintenance, the construction of sim-

ple electrical devices and simple wiring. The teaching of the work as a part of industrial arts is emphasized.

1-3 MWF Adm 9 GILDENSTEIN

10-12 MWF Adm 9 GILDENSTEIN

Nine weeks 1-3 TT Adm 9 Gildenstein

Nine weeks 10-12 TT Adm 9 Gildenstein

115 *Elementary General Metalwork.* 2 sem hr

Acquaints students with the more simple branches of metalwork including sheet-metal, bench metal, simple forging and metal casting. In connection with the shop work information is given relative to the characteristics and uses of various metals and their manufacture.

10-12 MWF Adm 9 GILDENSTEIN

1-3 MWF Adm 9 GILDENSTEIN

Nine weeks 10-12 TT Adm 9 Gildenstein

Nine weeks 1-3 TT Adm 9 Gildenstein

127 *General Mechanical Drawing.* 3 sem hr

This is a general course covering the elements of mechanical drawing including working drawings, lettering, isometric drawing and developments, with special emphasis on content which will serve as a basis in teaching and understanding plans and blueprints.

10-12 MTTF Adm 4 WILLOUGHBY

1-3 MTTF Adm 4 WILLOUGHBY

Nine weeks 10-12 MWF Adm 4 Willoughby

Nine weeks 1-3 MWF Adm 4 Willoughby

128 *Architectural Drawing.* 3 sem hr

An elementary course which deals with the drawing of plans and some details of construction. Emphasis is placed on the reading and making of good plans. Some work is given on elevations.

10-12 MTTF Adm 4 WILLOUGHBY

1-3 MTTF Adm 4 WILLOUGHBY

Nine weeks 10-12 MWF Adm 4 Willoughby

Nine weeks 1-3 MWF Adm 4 Willoughby

151 *Toy Making.* 2 sem hr

This course aims to meet the needs of teachers in kindergarten and primary departments, rural and ungraded schools, and those in charge of exceptional children. Many of the problems considered would be helpful to leaders of campfire and social groups. Special stress is laid upon the designing, making and finishing of toys. Work in puppetry is included.

1-3 MWF Welch 4 ZUBLER

152 *Arts and Crafts.* 3 sem hr

The chief aim in this course is to enrich general education through activities which are interesting and valuable. The course covers material in bookbinding, basketry, and other forms of work which involve processes and information valuable to those who expect to teach elementary work, special classes or summer camp activities.

10-12 MTTF Welch 4 ZUBLER

160 *Introduction to Industrial Arts.* 2 sem hr

The chief aim in this course is to give students a clear conception of industrial arts work in its various phases and the part it plays in general scheme of education so they may proceed with their work more intelligently. Discussions are held on the work now being given in various school systems and possible future developments. The duties of industrial arts teachers are considered and discussions are held on some of the practical problems confronting the industrial arts teacher.

10-12 MWF Adm 4 WILLOUGHBY

1-3 MWF Adm 4 WILLOUGHBY

204 *General Woodwork.* 3 sem hr

(Formerly 104 Industrial Arts)

It is the aim in this course to acquaint students with the different branches of the woodworking industry and to give them some experience in each. It covers a broad range of activities including benchwork, elements of patternmaking, elements of cabinet-making, elements of carpentry, wood-turning and some mill work.

1-3 MTTF Adm 10 CHAMBERLAIN

Nine weeks 1-3 MWF Adm 10 Chamberlain

214 *Practical Electricity.* 3 sem hr

(Formerly 114 Industrial Arts)

This is an advanced course intended for those especially interested in practical electricity and those who intend to teach electrical work as a part of general shop or as a special subject. It covers wiring, construction of devices, and considerable material on the construction and repair of motors and generators. Prerequisite: 113 Elementary Practical Electricity.

10-12 MTTF Adm 9 GILDENSTEIN

1-3 MTTF Adm 9 GILDENSTEIN

Nine weeks 10-12 MWF Adm 9 Gildenstein

Nine weeks 1-3 MWF Adm 9 Gildenstein

216 *General Metal Work.* 3 sem hr

(Formerly 116 Industrial Arts)

This is a continuation of course 115 covering more advanced work and the use of more metalworking equipment. Prerequisite: 115 Elementary General Metalwork.

10-12 MTTF Adm 9 GILDENSTEIN

1-3 MTTF Adm 9 GILDENSTEIN

Nine weeks 10-12 MWF Adm 9 Gildenstein

Nine weeks 1-3 MWF Adm 9 Gildenstein

218 *Practical Mechanics.* 2 sem hr

(Formerly 117 Industrial Arts)

The content of this course is somewhat similar to that in simple mechanics but the material is more advanced and of such a nature that it will form a basis for the teaching of general mechanics or farm mechanics. Prerequisite: 112 Household Mechanics.

3-5 MWF Lincoln GILDENSTEIN

Nine weeks 3-5 TT Lincoln Gildenstein

230 *Machine Drawing.* 3 sem hr

(Formerly 130 Industrial Arts)

This course deals with the drawing of machine parts and such information as sizes of bolts, kinds of threads and other standards. Sketching, tracing and blueprinting form an important part of the course. Prerequisite: 127 General Mechanical Drawing.

10-12 MTTF Adm 4 WILLOUGHBY

1-3 MTTF Adm 4 WILLOUGHBY

Nine weeks 1-3 MWF Adm 4 Willoughby

Nine weeks 10-12 MWF Adm 4 Willoughby

253, 254 *Industrial Arts.* 3 sem hr, 2 sem hr

(Formerly 153, 154 Industrial Arts)

These courses are planned primarily for teachers of elementary grades.

253 8-10 MTTF Welch 7 HATTON

254 1-3 MWF Welch 7 HATTON

361 *Content, Organization and Supervision.* 2 sem hr

(Formerly 161 Industrial Arts)

This course covers in detail the content of courses in industrial arts, organization of material, planning industrial arts shops, selecting equipment and duties of supervisors.

10-12 MWF Adm 4 WILLOUGHBY

1-3 MWF Adm 4 WILLOUGHBY

362 *The General Shop.* 2 sem hr

This is a class-room course covering the underlying principles, the development and the problems of the organization known as "general shop." It is a practical course for those desiring to teach or supervise general shop work.

10-12 MWF Adm 4 WILLOUGHBY

1-3 MWF Adm 4 WILLOUGHBY

HOME ECONOMICS

112 *Clothing.* 2 sem hr

(Formerly 151 Clothing)

An introductory course in clothing which deals with the fundamental problems involved in garment construction and with the selection, care, and repair of clothing.

8-12 MWF Welch 202 KELLY

202 *Home Nursing and Child Care.* 3 sem hr

This course is divided into two units. In one unit a study is made of home care of the sick and convalescent; first aid; control of disease in home and community. In the second unit a study is made of the care, development and training of the infant and the pre-school child.

1-3 MTWF Welch 202 KELLY

Nine weeks 1-3 MWF Welch 103 Bauch

204 *Food and Nutrition.* 2 sem hr

This course offers special work in current food and nutrition problems. It consists of lectures, discussions and demonstrations. The course includes a study of the food requirements and habits of children and adults; the problems of maintaining good nutritional standards when foods are rationed, the wise selection of food by those who eat in public eating places. The material in this course will be of practical value to the individual as well as to teachers of rural schools and elementary grades. No prerequisites.

1-3 MWF Welch 103 BAUCH

212 *Advanced Clothing.* 3 sem hr

(Formerly 152 Home Economics)

A course designed for students who desire more advanced work in the selection and construction of clothing. Emphasis is given to the alteration and adaptations of patterns and to the fitting of garments. A unit on children's clothing is included. Prerequisite: 112 Clothing.

8-12 MWTF Welch 202 KELLY

301 *Economic Problems of the Consumer.* 2 sem hr

(Formerly Marketing)

In this course a study is made of the economic problems of the family in present-day society. Problems studied include family incomes, their source, distribution, and adequacy for desirable standards of living; the use of the income through budgeting and improved standards of buying in order to secure greater satisfactions for the consumer. 220 Elements of Economics is desirable as a prerequisite.

Nine weeks 10-12 TT Welch 103 Bauch

356 *The Education of Pre-School Children.* 3 sem hr

(For description see Education Department)

COMMERCE

201 *Advanced Accounting.* 3 sem hr

A more advanced study of accounting methods through the partnership form of business. Special column journals, controlling accounts, subsidiary ledgers and their purpose are emphasized. Attention is given to periodic adjustment of accounts, a more intensive study of income statements,

balance sheets and their analysis and closing the ledger. Prerequisite: 102 Elementary Accounting or equivalent.

Nine weeks 10-12 MWF Pierce 305 Springman

202 *Advanced Accounting*. 3 sem hr

This is an advanced course. It deals with the accounting procedure of the corporation. Business methods and procedure, comparative statements are studied and analyzed. Rural accounting is given attention including depreciation and operating costs. Prerequisite: 201 Advanced Accounting.

Nine weeks 10-12 MWF Pierce 305 Springman

301 *Business Organization and Management*. 3 sem hr

This course deals with the fundamentals of business organization. Emphasis is placed on business management, finance and accounting, credit, investment funds, personnel, the advantages and disadvantages of the different types of business organization. The place of the purchasing, sales, and advertising departments are discussed. The selection of a business with a view of ownership is given attention. The place of young people in the great social agency called business is emphasized.

Nine weeks 1-3 MWF Pierce 305 Springman

304 *Business Law*. 3 sem hr

This course is a continuation of 303 Business Law. Prerequisite: 303 Business Law.

Nine weeks 8-10 MWF Pierce 305 Springman

SCHOOL LIBRARY SERVICE

305 *Periodicals and Their Indexes*. 3 sem hr

This course is a survey of periodical literature suitable for school library use, and consists of a study of the various types of periodicals published in the United States; the use of periodical indexes as teaching aids, and the processes involved in the care, use and binding of periodicals and public documents.

Nine weeks 8-10 MWF Library 3 Cleveringa

307 *Book Selection and Purchase*. 2 sem hr

A study of standards for book selection for school libraries and teachers, practical work in book acquisition, and book production and publishers.

Nine weeks 8-10 TT Library 3 Andrews

402 *Organization and Administration of the High School Library*. 2 sem hr

A survey of the function of the High School Library in the school program. Topics to be stressed include: the library in the school's supplementary and recreational reading program, the selection and organization of materials, and the teaching of the use of books and libraries.

Nine weeks 10-12 MTh Library 3 Milliman

437 *Curriculum Background for the Elementary School Library*. 2 sem hr

Comparable to a course in an elementary curriculum for those who contemplate actual teaching in the elementary school, since one of the most important duties of the librarian is to keep in close relationship with schoolroom practice. The availability of source material for student and teacher will be emphasized. Prerequisite: 302 Educational Psychology; 303 Principles of Teaching; and teaching experience.

8-10 MWF Pierce 6 GARRISON

HEALTH EDUCATION

201 *Health Education in the Elementary Grades.* 2 sem hr
This course is given for students preparing to teach primary and intermediate grades. Health inspection of school children, survey of environmental conditions, and other methods of determining the health needs of the child are taught. A study is made of the application of educational principles in health instruction. Practice is given in evaluating the newer courses in Health Education.

8-10 MWF Adm 204 SAMSON

252 *Health Education for Rural Schools.* 2 sem hr
This course presupposes some knowledge of personal hygiene. It includes the evaluation and healthful control of the school environment, as well as the health status of individual children, and the principles and methods of health instruction as applied in a rural school.

8-10 MWF Adm 204 SAMSON

Nine weeks 8-10 TT Adm 204 SNOW

360 *Health Education Applied.* 3 sem hr
Planned for school nurses and for teachers who have had a year or more of experience. The relation of the teacher and the nurse, with their respective contributions to the health program, is discussed. The value of periodic health examinations is considered and participation in this examination by nurses and teachers is learned by discussion and by actual experience in helping to examine children. The relation of physical and mental health to behavior problems is studied. This course is a preparation for efficient community and school health leadership.

1-3 MTTF Adm 204 SNOW

PHYSICAL EDUCATION

202 *Standard American Red Cross First Aid Course.* 2 sem hr

Outlined by the American Red Cross, this course consists of lectures, text book and practice work in first aid. A certificate is awarded to each student completing the course.

10-12 MWF Gym 13 SAMSON

311 *Theory and Philosophy of Play.* 2 sem hr

A course in the philosophy and psychology of play, its history in the race, its development in recent times, and its influence in the education and development of the individual. Study is made of the practical conduct of play as illustrated in the playground, the community center, boys' and girls' clubs, summer camps, and schools.

8-10 MWF Gym 12 MCCULLOCH

318 *Community Activities.* 3 sem hr

The organization of methods and materials for carrying on various types of community activities particularly of a recreational nature. Wherever possible the students will be given laboratory experiences in local communities.

10-12 MTWT Gym 12 HARRIS

343 *Safety Education.* 2 sem hr

A study of the hazards to which children are exposed in school, playground, street and home, and of methods of instructing children to protect themselves. Given in cooperation with the Automobile Club of Michigan, Ypsilanti Branch; the Police Department of Ypsilanti; and the Michigan State Police.

1-3 MWF Gym 13 SAMSON

Physical Training for Women

W104 *Rural School Games.* 2 sem hr activity credit
Required on the State Limited Curriculum.
1-3 MWF South Gym BOUGHNER

W112 *Elementary Swimming.* 2 or 3 sem hr activity credit
3-5 MTWT Pool BOUGHNER

W115 *Elementary Tennis.* 2 sem hr activity credit
1-3 MWF North Gym HARRIS

W214 *Recreational Activity.* 3 sem hr
Includes horseback riding, golf, etc.
3-5 MTWT South Gym BATSCHLET

Ws317 *Community Recreation.* 3 sem hr activity credit
A coeducational course. This course includes the practice
of the methods and the use of materials in conducting ac-
tivities suitable for community groups and in the teaching
of social dancing.

3-5 MTWT North Gym HARRIS

Physical Training for Men

M103 *Swimming.* 3 sem hr activity credit
3-5 MTWT Pool MCCULLOCH

M202 *Tennis-Volleyball.* 2 sem hr activity credit
1-3 MWT Courts MCCULLOCH

M212 *Varsity Golf.* 3 sem hr activity credit
3-5 MTWF Gym 10 MCCULLOCH

Ms317 *Community Recreation.* 3 sem hr activity credit
See Ws317