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### College Catalog, 1940-1941, Extension

Buffalo State College

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# State Teachers College Bulletin

BUFFALO, NEW YORK

VOL. VIII. No. 5

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## EXTENSION COURSES

AUGUST — 1940

1940 — 1941

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Charles A. Messner, Ph.D.....Professor of Foreign Language  
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Harold F. Peterson, Ph.D.....Instructor in History  
Chester A. Pugsley, D.Ed.....Professor of Elementary School Education

and Principal of the School of Practice

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Margaret S. Quayle, Ph.D.....Assistant Professor of Education  
Catherine E. Reed, A.M.....Dean of Women  
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Paul W. Sloan, Ph.D.....Professor of Education  
Marguerite Stockberger, A.M.....Instructor in Social Studies  
M. Melvina Svec, A.M.....Instructor in Geography  
John M. Thurber, Ph.D.....Professor of English  
Charles A. Vail, A.M.....Instructor in Science  
George W. Webster, A.M.....Principal, School No. 63  
Katheryne T. Whittemore, Ph.D.....Assistant Professor of Geography  
D. Kenneth Winebrenner, B.S.....Instructor in Art

EXTENSION COURSES

1940 - 1941

FIRST SEMESTER

FRIDAY AFTERNOON COURSE

4:20-6:00 P.M.

Art History II ..... Mr. Bradley 208

SATURDAY MORNING COURSES

9:00-10:40 A.M.

Choral Speaking ..... Miss Lyvers 119  
 Current History A ..... Dr. Rockwell 117  
 Elementary School Principalship B ..... Dr. Pugsley 221  
 Genetics ..... Mr. Fretz 218  
 Geography of Europe ..... Miss Svec 114-5  
 Guidance thru Extra-Curricular Activities ..... Dean Reed 120  
 History of Civilization I ..... Mr. Perkins 222  
 Language Arts in the Elementary School ..... Miss Hirsch 214  
 Mental Hygiene and Personality Adjustment ..... Dr. Hertzberg 220  
 Metalcraft and Jewelry ..... Mr. Winebrenner 211  
 Modern American Poetry ..... Dr. Lappin 217  
 Modern Trends in Education ..... Dr. Horn 118  
 Physical Education ..... Mr. Coyer 116

10:50 A.M.-12:30 P.M.

\*College Algebra or History of Mathematics ..... Mr. Ebert 106  
 Contemporary Civilization I ..... Mrs. Roesser 117  
 Family Relations ..... Dr. McGinnis 116  
 General Language A ..... Dr. Messner 223  
 Mental, Social and Vocational Adjustments A ..... Dr. Crayton 218  
 Modern Social Trends ..... Dr. Albright 119  
 Music Appreciation ..... Miss McMahon 107  
 Newer Practices in the Elementary School  
     Curriculum A ..... Mr. Webster 220  
 Physical Science I ..... Mr. Vail V-206  
 Principles of Education ..... Dr. Sloan 221  
 Recent English Drama ..... Dr. Thurber 217

\* Either one of these courses will be offered according to the greater number of registrants.

SECOND SEMESTER

9:00-10:40 A.M.

	Room
Art Appreciation ..... Mrs. Karcher	204
Biology ..... Mr. Fretz	218
Current History B ..... Dr. Rockwell	117
*Fundamental Concepts of Mathematics or Trigonometry. Mr. Elbert	106
Geography of Asia ..... Dr. Whittemore	114-5
Health Protection ..... Mr. Coyer	116
History of Civilization II ..... Miss Stockberger	222
International Relations ..... Dr. DeMond	118
Modern English Poetry ..... Dr. Lappin	217
Psychology of Elementary School Subjects ..... Dr. Hertzberg	220
Supervision of the Elementary School B ..... Dr. Pugsley	221
Visual Aids in Education ..... Mr. Fontana	V-206

10:50 A.M.-12:30 P.M.

American Foreign Relations to 1898 ..... Dr. Peterson	118
Art for Rural Schools ..... Mrs. Heyman	209
*Conflicting Psychologies of Learning or Organization and Supervision of Guidance ..... Dr. Sloan	221
*Contemporary Civilization II or Social Psychology. Dr. Albright	119
General Language B ..... Dr. Messner	223
Historical Geology ..... Dr. Gemmill	V-208
Mental Hygiene ..... Dr. Quayle	222
Mental, Social and Vocational Adjustments B ..... Dr. Crayton	218
Newer Practices in the Elementary School Curriculum B ..... Mr. Webster	220
Physical Science II ..... Mr. Vail	V-206
Shakespeare II ..... Dr. Thurber	217
*Study of Occupations or ..... Mr. Quackenbush	V-108
Industrial Psychology ..... Mr. Grabau	V-104

\* Either one of these courses will be offered according to the greater number of registrants.

## CALENDAR, 1940 - 1941

1940

### FIRST SEMESTER

- Saturday, September 21 . . . . . 9:00- 9:15 A.M. General Assembly—Important Announcements.  
 9:15-11:00 A.M. Registration.  
 11:00-11:55 A.M. First hour classes meet.  
 12:00 M.-12:55 P.M. Second hour classes meet.
- (All students are expected to register on this date)
- Friday, September 27 . . . . . 4:00-4:20 P.M. Registration for Friday class.  
 4:20 P.M. Friday class meets.
- Saturday, September 28 . . . . . No registration for credit after 12:00 M. for Saturday classes.
- Friday, October 4 . . . . . No registration for credit after 4:20 P.M. for Friday class.
- Saturday, October 5 . . . . . No change in schedules after 12:00 M.
- Saturday, October 12 . . . . . Classes will meet.
- Friday and Saturday,  
 October 25, 26 . . . . . Zone Meeting, New York State Teachers Association. (Holiday)
- Friday and Saturday,  
 November 29, 30 . . . . . Thanksgiving Recess.
- Friday, December 27, thru  
 Saturday, January 4 . . . . . Christmas Recess.

1941

- Friday and Saturday,  
 January 10, 11 . . . . . Classes resume work.
- Friday and Saturday, January 31, and February 1 . . . . . Final Examinations and Registration for second semester.

### SECOND SEMESTER

- Saturday, February 8 . . . . . Classes meet for first session.  
 No registration for credit after 12:00 M.
- Saturday, February 15 . . . . . No change in schedules after 12:00 M.
- Saturday, February 22 . . . . . Holiday.
- Saturday, April 12, thru  
 Saturday, April 19 . . . . . Easter Recess.
- Saturday, April 26 . . . . . Classes resume work.
- Saturday, May 31 . . . . . Classes will meet.
- Saturday, June 7 . . . . . Final Examinations.
- June 14, 15, 16, 17 . . . . . Commencement Program.

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## REGULATIONS

1. Teachers in service and properly qualified undergraduates will be admitted to Extension courses, subject to such restrictions as are hereafter noted.
2. The first semester begins Saturday, September 21st, 1940, and closes Saturday, February 1, 1941. The second semester begins Saturday, February 8th, and closes Saturday, June 7th, 1941. All classes will be held at Buffalo State Teachers College unless otherwise noted. Saturday class periods are from 9:00 to 10:40 A.M. and from 10:50 A.M. to 12:30 P.M. Friday classes are from 4:20 to 6:00 P.M.
3. All students are expected to register on the dates indicated in the calendar on Page No. 6. No deviation will be permitted from the dates indicated in the calendar. When serious conflicts arise it is important that plans be made in advance with the Registrar to insure proper registration.
4. A fee of \$7.50 is charged for each semester hour. Special exceptions may be made in the case of regular students and faculty. No refunds will be made unless the course is discontinued. Fees are payable at registration.
5. The State Department of Education will not accept more than four hours in any given semester for credit toward a teacher's certificate or diploma.
6. No student will be allowed more than two absences in a sixteen session course, or more than three absences in a twenty-four session course. (The number of sessions include registration and final examination.) *Late registration will count as an absence.*
7. While credit is granted for the completion of all credit courses, the application of such credit to the specific program of any student is subject to the approval of the Registrar. Extension credit is transferable to other academic institutions, in accordance with the regulations of such institutions.
8. Students are urged to examine the course descriptions carefully. Variation from the year indicated in the catalog should not exceed one year and that only with permission.
9. Candidates for degrees are allowed five years in which to complete each year of credit required for the degree. Students earning less than one year of credit in any five-year period shall be subject to any new regulations which may be adopted during that period.
10. If a student wishes to be considered a candidate for a degree he is expected to secure, either by mail or by personal interview, evaluation of his program from the Registrar in order that he may be sure that work taken will fit his individual need.
11. Extra-mural courses will be organized in convenient centers where the demand is sufficient to justify it. Communication with the Director is urged.
12. Third year Buffalo State Teachers College graduates taking extra-mural courses are warned not to expect credit toward degree if such courses fall within the last sixteen hours of required residence. Extra-mural credit does not count towards the residence requirement if the first three years' work of the candidate were taken elsewhere.

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13. Transcripts of record are not given to students, either undergraduate or graduate, but will be forwarded upon request to educational authorities whom the students may designate. No charge is made for the first transcript, but a charge of \$1.00 is made for each additional transcript.
14. The Registrar's office cannot ordinarily furnish transcripts of record during registration week of any semester and, because of the large number of requests, students are urged to make application for transcripts some time before the date on which they are needed.
15. All courses in extension are expected to require the same standard of serious effort as similar courses given during the regular session. To this end, courses carrying two semester hours of credit assume a minimum preparation of two clock hours devoted to reading and preparation for each meeting of the class, and some courses may require considerably more than the minimum of preparation and outside study.
16. Classes under ten, as an absolute minimum, will not be organized except in exceptional cases of required subjects necessary for immediate graduation.
17. The right is reserved to make any necessary alterations in the course offerings listed in this catalog without notice.

## APPLICATION FOR DIPLOMA

Students expecting to qualify for degrees in January or June of any year are required to make application in the Registrar's office for such degree by November 1 of the year in which they expect to graduate. Diplomas will not be ordered for students who fail to make application, and the College cannot be responsible for the graduation of any who fail to make application. Students completing the requirements for the degree during the Summer Session are required to make application for the degree before the close of the Summer Session.

## THE COLLEGE "CO-OP"

The College Co-operative Bookstore is college owned and is located in the Administration building adjoining the Student Center in the basement. Books, textbooks, fiction and non-fiction, are on sale, as well as supplies such as stationery, fountain pens, art supplies, typewriters, magazines, college jewelry, banners, and candy.

Books and almost all supplies are sold at a discount, the plan being to share the discount with the students. Special orders are taken for any items not in stock and are usually available within 24 hours. Such articles as paper cutter, paper punch, stapler, darning cotton, scissors, ink-well, and pencil sharpeners, are on hand for students' use. The Lost and Found Department is also housed here for the convenience of the students.

The "Co-Op" is open daily from 8:45 A.M. to 4:30 P.M. and on Saturdays from 8:45 A.M. to 12:30 P.M.

## DESCRIPTION OF COURSES

### ART

#### Art X301. Art Appreciation.

Art principles as applied in the fine and useful arts. The appreciation of the arts of building, sculpturing, and painting. The minor arts of various lands. Visits to the Art Gallery and the Museums. Readings, lectures, and discussions. Third and fourth year elective.

Second semester, Saturdays, 9:00-10:40 A.M. Room 204. Two semester hours credit. Mrs. Karcher.

#### Art X402. History of Art II.

The development of the Arts from the spread of the Renaissance to contemporary times. Oriental, aboriginal, and American Arts.

Required of fourth year Art Education students. Elective for other third and fourth year students.

First semester, Fridays, 4:20-6:00 P.M. Room 208. Two semester hours credit. Mr. Bradley.

**Art X404. Metalcraft and Jewelry.**

Metalcraft projects will include the designing and construction of metal objects in copper, brass, aluminum, nickel, silver, pewter, and nugold. Processes will include forming in molds, on the sand bag, and on stakes; chasing, piercing, etching, overlaying, and soft soldering.

Jewelry projects will include the designing and construction of simple jewelry from sterling silver. Processes will include hard soldering, stone-setting, applique, decorative uses of silver wire and balls, shaping, applying findings, and enamelling.

First semester, Saturdays, 9:00-10:40 A.M. Room 211. Two semester hours credit. Mr. Winebrenner.

**Art X406. Art for Rural Schools.**

This is a course to meet the immediate needs of teachers in the smaller schools where they do not have an art department. It will include experiences with paint, crayon, clay, paper maché and other materials. The problems will be varied and adapted to individual situations. There will be demonstrations with a group of children.

Second semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 209. Two semester hours credit. Mrs. Heyman.

## EDUCATION

**Ed. X402. Principles of Education.**

An attempt is made to study critically certain conflicting principles about the educative process and if possible to formulate new principles. The course is organized in units of the problem type. Major problems to be considered are: the nature and scope of a course in principles; the nature of the child to be educated; the kind of social order in which we want the child to be educated; the meaning of education; the nature of interest; the logical versus the psychological; and the method of reflective thinking in its educational bearings. The philosophies of men like Plato, Rousseau, James, Dewey, Kilpatrick, and Bode are considered in the light of their contributions to the major problems of this course. Required of fourth year general college students.

First semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 221. Two semester hours credit. Dr. Sloan.

**Ed. X410. Mental Social and Vocational Adjustments A and B.**

This course is offered to teachers and administrators who recognize the fact, and wish to cope with it, that many pupils in whom they are interested are maladjusted, mentally, socially, and vocationally. Stress is placed upon the physical, mental, and social causes of maladjustment, and their effects upon the social and vocational adjustments of those who are so affected. Practical as well as theoretical solutions of personality problems are emphasized. This is a four credit course, two credits of which are offered each

semester. Teachers and administrators may enrol for the second semester's work without having had the work offered during the first semester.

(A)—First semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 218  
Two semester hours credit. Dr. Crayton.

(B)—Second semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 218  
Two semester hours credit. Dr. Crayton.

**\*Ed. X432. Study of Occupations.**

This course affords an opportunity to discuss many vocations and to answer questions which are common to many. It will discuss subject matter for life-career classes, various methods of presenting the subject matter, and the nine heads under which the United States Census Bureau has tabulated the world's work. A method of making an analysis and the preparation for a vocation will be given. Real case problems will be used throughout the entire course. Third or fourth year elective.

Second semester, Saturdays, 10:50 A.M.-12:30 P.M. Room V-108.  
Two semester hours credit. Mr. Quackenbush.

\*Either this course or the course in Industrial Psychology will be offered according to the greater number of registrants.

**\*Ed. X V-101. Industrial Psychology.**

This course is planned to meet the needs of Industrial Arts and Vocational teachers. It deals, in general, with the application of psychological principles to various fields and phases of industrial work and administration. The following are some of the topics which are included in this course; the human factor in industry; fatigue and monotony; ventilation and illumination; training and practice devices; efficient foremanship, and the psychology of guidance.

Second semester, Saturdays, 10:50 A.M.-12:30 P.M. Room V-104.  
Two semester hours credit. Mr. Grabau.

\*Either this course or the course in Study of Occupations will be given according to the greater number of registrants.

**Ed. X433. Visual Aids in Education.**

This course will deal with:

1. An analysis and interpretation of the meaning of the term of visual education.
2. A comprehensive study of the types of visual aids, their development and the principles involved in their use.
3. A complete study of the mechanics of visual education, dealing with:
  - a. Study of photographic process and its applications to many phases of visual education.
  - b. An analysis and study of cameras, developing, enlarging, reduction, copying, and slide making.
  - c. Study and use of film, slide, and opaque projections, stereopticons, standard and narrow gauge projectors, and a study of the relative costs of each.
4. The organization and use of visual education by each student for his particular field.

Second semester, Saturdays, 9:00-10:40 A.M. Room V-206. Two semester hours credit. Mr. Fontana.

**Ed. X441. The Elementary School Principalship B. Operation of the Elementary School.**

The objective of this course is to develop an understanding of, and the ways of meeting the day to day problems of the school as its curriculum operates. Equipping the school plant; obtaining and using supplies and texts; movement of the children; policies and programs in using the school facilities; policies in classification and promotion; special services for special needs; resolving pupil maladjustments; making and using records; leading the community. This course may either precede or follow the Elementary School Principalship A. Open to supervisors, principals, experienced teachers, and others especially qualified.

First semester, Saturdays, 9:00-10:40 A.M. Room 221. Two semester hours credit. Dr. Pugsley.

**Ed. X443. Supervision of the Elementary School (B). Evaluation of the Elementary School.**

The objective of this course is to develop a use acquaintance with the instruments for evaluation and to apply the implications of the data obtained. Programs for testing achievement and scholastic aptitudes; measuring the amount of over-ageness, normal ageness and under-ageness; determining acceleration and retardation; evaluating the effectiveness of the school organization, record systems, educational services and school buildings; the principal's annual report.

Second semester, Saturdays, 9:00-10:40 A.M. Room 221. Two semester hours credit. Dr. Pugsley.

**Ed. X457. Guidance through Extra-Curricular Activities.**

Objectives of continuous program. Types and varieties of offerings. Criteria for leadership. Exploration of vocational or leisure outlets. Relation to curriculum. Practice in personal adjustments.

First semester, Saturdays, 9:00-10:40 A.M. Room 120. Two semester hours credit. Dean Reed.

**\*Ed. X458. Organization and Supervision of Guidance.**

Deals with the development of a guidance program in a school or school system. Involves a study of preliminary steps to be taken, the development of guidance consciousness upon the part of the faculty, the securing and preparation of counselors, curriculum organization to meet guidance needs, setting up of records, and supervision of the guidance program. Two semester hours credit.

or

**Ed. X476. Conflicting Psychologies of Learning.**

The main topics of this course are (1) educational practices as reflections of educational psychologies; (2) the Mind-Substance Theory of learning; (3) The Consciousness, or Mental-states Theory of learning; (4) the rise

\* Either course will be given according to the greater number of registrants.

and outcomes of Physiological Psychology; (5) the Problem of Purposive Behavior; (6) the Pragmatic theory of learning.

This course is organized for students of Junior and Senior ranking, special students, and post-graduate students. It is of special interest not only to classroom teachers, but also to guidance workers, principals, and supervisors. Prerequisite: at least one year of psychology or child development.

Second semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 221. Two semester hours credit. Dr. Sloan.

**Ed. X482. Newer Practices in the Elementary School Curriculum (A and B).**

A study of the reorganization and redirection of the elementary school curriculum which is now under way. Included will be,—underlying forces bringing about change; principles of elementary school curriculum construction; improvement through refinement of the conventional subject organization; improvement through such newer forms as fusion courses, integrated units, and social functions procedures; evaluation of results as reported in surveys and studies; trends, especially a developing in New York State; practical methods of introducing newer practices in a conventional school. Recommended for candidates for the Elementary Principal's license who need further credit in methods and materials of elementary education.

(A)—First semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 220. Two semester hours credit. Mr. Webster.

(B)—Second semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 220. Two semester hours credit. Mr. Webster.

## ENGLISH AND LITERATURE

**Eng. X400. General Language A.**

A study of the basic facts and fundamental principles which have been found to be true of language in general and languages in particular. Language as an indispensable element in human culture. Among the topics to be treated will be the origin, nature and psychology of language; the sounds of human speech and their changes; systems of writing and the history of the alphabet; classification of languages by type and family; the Indo-European family of languages and its chief branches; fundamental conceptions of grammar; the relation of Latin to its Romance descendants; the history of the English language; how words change their meanings; speech standards, slang and good usage. Reference reading, reports, lectures and discussions.

First semester, Saturdays, 10:50A.M.-12:30 P.M. Room 223. Two semester hours credit. Dr. Messner.

**Eng. X401. General Language B.**

Laboratory Course in General Language. The work of this course will be carried on by the work-shop or laboratory method. Problems which will be studied experimentally by the entire class group will include non-vocal means of communicating ideas; the physiology of speech and the preparation



of phonetic symbols for universal use; the development of an alphabet from picture-writing; an exploratory study of the chief modern languages; the creation of an auxiliary or universal language; evaluation of the texts in general language prepared for use in the elementary and junior high school; pupil activities utilizing special linguistic interest or ability; studies in word derivation and vocabulary enrichment. Each student will study independently some linguistic problem and report his findings to the class. Among the topics suggested for this type of study are analysis of the vocabulary of some school subject; analysis of the vocabulary of some author; the vocabulary of a pre-school child; vocabulary changes in English; the psychological or emotional associations of words; colloquial and dialect forms in our daily speech; the rise and fall of slang terms; comparative study of two foreign languages.

Second semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 223.  
Two semester hours credit. Dr. Messner.

#### Eng. X403. Recent English Drama.

The plays of Tom Robertson, Henry Arthur Jones, Arthur Wing Pinero, Oscar Wilde, John Galsworthy, G. B. Shaw, J. M. Barrie, A. A. Milne, and their contemporaries in the Empire and in America. This course opens one of the most interesting periods of literature and supplies a wealth of valuable material. Elective for Sophomores, Juniors, and Seniors.

First semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 217. Two semester hours credit. Dr. Thurber.

#### Eng. X416. Shakespeare II.

The careful reading and analysis of a group of the principal comedies, histories, and tragedies of Shakespeare with the purpose of revealing the characters, the thought, and artistry of the plays. Such a study is intended to provide a distinct contribution to the teacher in developing skill in dramatization and familiarity with plot material and plot development. Upper class elective. Shakespeare I is not necessarily prerequisite.

Second semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 217. Two semester hours credit. Dr. Thurber.

#### Eng. X418. Choral Speaking.

The course aims to cultivate an understanding and appreciation of poetry through general lectures and discussions and through actual participation in the various types of choric speaking. Selections from the classics and modern verse will be used. The material chosen can be adapted for both Junior and Adult groups. Choric drama with its possibilities for theatre use will be presented. An opportunity for gaining experience in conducting the verse choir will be offered. The course serves both a cultural and practical purpose to teachers who are interested in this new Speech Art form. Upper class elective.

First semester, Saturdays, 9:00-10:40 A.M. Room 119. Two semester hours credit. Miss Lyvers.

#### Eng. X423. Modern American Poetry.

A study of Modern American poetry from Whitman to Archibald McLeish. Special emphasis upon the work of Whitman, Emily Dickinson, Robert Frost, E. A. Robinson, and McLeish. Readings and reports.

First semester, Saturdays, 9:00-10:40 A.M. Room 217. Two semester hours credit. Dr. Lappin.

#### Eng. X429. Modern English Poetry.

A study of the significant figures in English poetry since the death of Tennyson (1892): Robert Bridges and William Watson, John Davidson, and Francis Thompson. A. E. Housman, Newbolt, Kipling, and 'Imperialism' in the poetry of the period. Yeats and the Irish school. Masfield and the Georgians. Since the First World War.

Second semester, Saturdays, 9:00-10:40 A.M. Room 217. Two semester hours credit. Dr. Lappin.

### GEOGRAPHY

#### Geog. X301. Geography of Europe.

Based upon a combination of physiographic regions and related human use regions. The conflict between these and the man-made political divisions directs attention to the geographic backgrounds of current problems. The study is directed to gain some knowledge and appreciation of the variety of natural and cultural landscape patterns that have evolved in this continent of complex national groups striving to maintain themselves. Elective for third and fourth year students. Prerequisite: General Geography 101.

First semester, Saturdays, 9:00-10:40 A.M. Room 114-115. Two semester hours credit. Miss Svec.

#### Geog. X403. Geography of Asia.

A regional study of the geography of the continent with special emphasis on areas of importance in the world today. Among topics given special attention are: geographic backgrounds for Japanese expansion in the Far East; modern economic developments in Soviet Asia; recent changes in the political geography of Southwestern Asia.

Second semester, Saturdays, 9:00-10:40 A.M. Room 114-115. Two semester hours credit. Dr. Whittemore.

### HEALTH AND PHYSICAL EDUCATION

#### Phys. Ed. X301-302. Physical Education.

This course aims (1) to acquaint the student with the historical background of physical education; principles of physical education; nature and function of play; (2) to offer subject matter and skill basic to the activities required in the elementary school physical education program as to selection, arrangement, and use of a well-rounded and varied program of activities. Prerequisite: Health Education 201-202. Required of third year General College students.

First semester, Saturdays, 9:00-10:40 A.M. Room 116. Two semester hours credit. Mr. Coyer.

**Health Ed. X402. Health Protection.**

This course aims to familiarize the teacher with the standard procedures in health protection through the following units: health examinations; follow-up service; daily health inspection; communicable disease control; building construction and sanitary care; safety and first aid; community and public health; school health service in New York State. Active participation in at least one individual and one team sport is required. Prerequisite: Health Education 101-102, Physical Education 201-202. Required of third and fourth year general college students.

Second semester, Saturdays, 9:00-10:40 A.M. Room 116. Two semester hours credit. Mr. Coyer.

### HISTORY AND SOCIAL STUDIES

**Hist. X410. International Relations.**

The cultural origins of the great national states are considered and the forms which these states gradually assumed. How these states became dominated by the quest for power profits and an ever increasing Empire is stressed. The foreign policies of the five great European powers, Japan, and the United States are studied, showing how these policies lead inevitably to the present crisis in which the world finds itself.

Second semester, Saturdays, 9:00-10:40 A.M. Room 118. Two semester hours credit. Dr. DeMond.

**Hist. X411. Current History (A and B).**

This course consists of a survey of events of the present and immediate past to evolve significant historical trends, eliminating the sensational and inconsequential; discussion of current events in the field of national affairs, foreign affairs, music, art, literature, education, religion, etc.; extended study of such significant topics as the New Deal, economic programs, European dictatorships, China, the War in Europe, etc.; critical study of the press to determine its service in forming historical perspectives or harmful distortion of news. A term paper of some comprehensiveness, with bibliography, is required of every student, covering significant current problems in world affairs, on one of a score of leading personalities who are shaping world affairs.

(A)—First semester, Saturdays, 9:00-10:40 A.M. Room 117. Two semester hours credit. Dr. Rockwell.

(B)—Second semester, Saturdays, 9:00-10:40 A.M. Room 117. Two semester hours credit. Dr. Rockwell.

**Hist. X416. American Foreign Relations to 1898.**

A study of the diplomacy and foreign policies of the United States to the eve of the Spanish-American War. Emphasis will be given to the eighteenth and nineteenth century roots of twentieth century policies.

Second semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 118. Two semester hours credit. Dr. Peterson.

**S.S. X101. History of Civilization I.**

A survey of man's cultural development from the earliest dawn of history to 1815. The following units are included: The philosophy of history and theories of historical interpretation; nature of the cultural pattern man has evolved; contributions of primitive man; representative Eastern Mediterranean cultures; representatives Oriental cultures; Graeco-Roman culture; culture of the Middle Ages; and the political, intellectual and social revolutions of the 17th and 18th centuries.

First semester, Saturdays, 9:00-10:40 A.M. Room 222. Two semester hours credit. Mr. Perkins.

**S.S. X102. History of Civilization II.**

A continuation of the History of Civilization 101 including the following topics: the rise of national states and the growth of democracy; the commercial and industrial revolutions with their effects upon trade relations; the development of nationalism, the growth of imperialism and internationalism with reference to the European problems of today.

Second semester, Saturdays, 9:00-10:40 A.M. Room 222. Two semester hours credit. Miss Stockberger.

**S.S. X201. Contemporary Civilization I.**

The changing civilization of the twentieth century will furnish the background for this course. The increased relationship of political to economic organizations, the essentials of modern democracy, public responsibility and welfare, and nationalism versus internationalism will be stressed. New trends and tendencies in education, the changing family, religion in a new world, and science and civilization will also be considered. Required of second year General College students.

First semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 117. Two semester hours credit. Mrs. Roesser.

**\*S.S. X202. Contemporary Civilization II.**

The present governments of England, France, Sweden and Switzerland will be studied and compared with those in Germany, Italy and Russia. Emphasis will be placed on social and economic problems of contemporary Europe, such as, population, minorities, migration, agriculture, trade and finance.

Second semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 119. Two semester hours credit. Dr. Albright.

\* Either this course or Social Psychology will be offered according to the greater number of registrants.

**S.S. X401. Modern Social Trends.**

Two types of problems are considered: (1) the major difficulties arising as society seeks to increase and distribute human adequacy; (2) the more important maladjustments constituting social pathology. Special consideration is given to the significance of these problems for teachers. The course includes the following units: the nature of social problems; problems of

adjustment to external nature; population and its problems; distribution of wealth and income; health and physical welfare; control and care of the defective; race problems in the United States; the family; child's welfare; the meaning of social control; public opinion and its agencies; crime; alcohol as a beverage; alcoholism; democratizing the state. Required of fourth year general college students.

First semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 119. Two semester hours credit. Dr. Albright.

**\*S. S. X404. Social Psychology.**

After a review of principles of psychology essential to the study of social groups, special emphasis will be placed upon: the individual in the group, socially and in the family. The tensions and conflicts which arise, the public opinion, and propaganda. The psychological aspect of current group activities, social and political, will be studied and an attempt will be made to interpret them in the light of fundamental principles of social psychology.

Second semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 119. Two semester hours credit. Dr. Albright.

\* Either this course or Contemporary Civilization II will be offered according to the greater number of registrants.

### HOME ECONOMICS

**H. E. X403. Family Relations.**

A study of the individual as an interacting personality in group life socially and in the family. The tensions and conflicts which arise, the pressures causing them and ways of meeting them are analyzed. Problems arising in personal relationships, sex adjustments, courtship and marriage, middle life, and old age are discussed. Each student chooses an area for independent reading and study and visits some community activities.

First semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 116. Two semester hours credit. Dr. McGinnis.

### KINDERGARTEN—PRIMARY

**K. P. X410. Language Arts in the Elementary School.**

In this course a survey will be made of the areas of child interest which stimulate different types of language expression and reading programs. Recent series of readers for the elementary school will be presented; their breadth of material and variety of program will be considered. Formal and informal testing leading to remedial work, types of English experiences such as dramatics, choral speaking, ability to write with facility, to create and appreciate the best in poetry and prose will be discussed. Open to teachers from kindergarten through sixth grade. Third and fourth year elective.

First semester, Saturdays, 9:00-10:40 A.M. Room 214. Two semester hours credit. Miss Hirsch.

### MATHEMATICS

**\*Math. X202. College Algebra.**

A rapid review of High School Algebra is followed by studying mathematical induction, graphical interpretation of formulae, theory of equations, the formation and use of logarithms and such other topics as are necessary for the study of trigonometry, analytics and calculus. Prerequisites: Intermediate algebra. Elective.

First semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 106. Two semester hours credit. Mr. Ebert.

or

**Math. X404. History of Mathematics.**

A history of the development of arithmetic and other mathematics as has been found through research of inscriptions and other records found in India, Europe, Northern Africa, and America.

First semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 106. Two semester hours credit. Mr. Ebert.

\* Either of these courses will be offered according to the greater number of registrants.

**\*Math. X301. Fundamental Concepts of Mathematics.**

An analysis of the nature of mathematics and mathematical thinking. A study of the relationship of the branches of elementary mathematics, including arithmetic, plane and special Euclidean geometry, Non-Euclidean geometries, analytical geometry, and the calculus. Prerequisites: College algebra, trigonometry, analytical geometry. Open only to experienced teachers.

or

**Math. X303. Trigonometry.**

Treats of measurements by means of ratios formed by the sides of triangles. Fundamental formulae are developed from these ratios or functions. The application of trigonometry to measurement is illustrated by the use of the transit by the class. Prerequisite: College Algebra.

Second semester, Saturdays, 9:00-10:40 A.M. Room 106. Two semester hours credit. Mr. Ebert.

\* Either of these courses will be offered according to the greater number of registrants.

### MUSIC

**Mu. X301. Music Appreciation.**

Familiarity with good music through listening and class performance. Musical units developed through group and individual activity. A study of standard compositions, instrumental and vocal. Music in relation to the civilization that produced it with attention to contemporary developments in other fields of art. Current musical events with emphasis on worthwhile radio and local concerts. Required of third year General College students.

First semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 107. Two semester hours credit. Miss McMahon.

## PSYCHOLOGY

### Psy. X402. The Psychology of Elementary School Subjects.

This course deals with an analysis of the Elementary school subjects with respect to procedures and conditions of learning; the abilities involved in each of the school subjects as a basis for discovering what needs to be learned, what is adapted to the child's learning capacity, and what kind of assistance the individual child is in most need of; influence upon learning of various educational, psychological, and physiological factors; the methods and values of utilizing the most important laws of learning; the results of experimental investigation; individual differences in learning the school subjects and their significance. Third and fourth year elective.

Second semester, Saturdays, 9:00-10:40 A.M. Room 220. Two semester hours credit. Dr. Hertzberg.

### Psy. X406. Mental Hygiene.

This course is definitely designed to help adults, especially teachers, understand their own emotional and mental development, and how to be happier and more productive individuals in all their relationships. Well-adjusted teachers are the greatest factors in developing desirable personalities in children, but the emphasis of this course will be on the individual's adjustments, not on behavior problems of children. Adult personality problems will be considered and adequate case material will be used. Prerequisites: General Psychology or Educational Psychology.

Second semester, Saturdays, 10:50 A.M.-12:30 P.M. Room 222. Two semester hours credit. Dr. Quayle.

### Psy. X408. Mental Hygiene and Personality Adjustment.

The purpose of this course is to study the various factors which develop integrated and disintegrated personalities, especially in schoolroom situations. Topics to be considered are the following: Popular notions held concerning what constitutes personality; modern psychological concepts on personality development; emotional stability and problem behavior of the school child; underlying mental, physical, social, sex and other factors affecting adjustment; mental hygiene in its relation to classroom discipline and punishment; the use of incentives and methods of teaching in retarding or facilitating adjustment; the use of various mechanisms used by children and adults in making adjustments; methods used in measuring and diagnosing personality; the importance of personality and mental hygiene in teaching.

First semester, Saturdays, 9:00-10:40 A.M. Room 220. Two semester hours credit. Dr. Hertzberg.

*Note:* See descriptions of Social Psychology under S.S. X404 and of Industrial Psychology under Ed X V-101.

## SCIENCE

### Sc. X201. Physical Science I.

A survey of the physical science presenting a study of the planets, the sun, the stars and other astronomical bodies; the theories as to the origin

of the earth and planets; the essential laws and instruments of astronomy. Fundamental laws, theories and phenomena of inorganic chemistry are presented to develop an appreciation as to the chemical nature of matter.

(This is the first half of the required sophomore physical Science course, but may be elected by other students who have not had its equivalent. The course will aid the teacher with the new Grade Science syllabus. Either half or both may be elected).

First semester, Saturdays, 10:50 A.M.-12:30 P.M. Room V-206.  
Two semester hours credit. Mr. Vail.

### Sc. X202. Physical Science II.

A survey of the physical sciences, presenting a study of magnetism; electricity, its production, transportation, distribution and appliances for its use; the nature of heat, its transference and devices in connection with the use of heat. The important factors responsible for past and present development of the earth's surface; erosion and aggradation; including general types of rocks and some geological materials.

(This is the second half of the required sophomore Physical Science course, but may be selected by other students who have not had its equivalent. Either half or both may be elected. The course will aid the teacher with the new Grade Science Syllabus.)

Second semester, Saturdays, 10:50 A.M.-12:30 P.M. Room V-206.  
Two semester hours credit. Mr. Vail.

### Sc. X302. Biology

An approach to biology from a study of the mutual relations between organisms and their environment. Special application to the conservation of organic resources will be featured throughout the semester.

Second semester, Saturdays, 9:00-10:40 A.M. Room 218. Two semester hours credit. Mr. Fretz.

### Sc. X310. Genetics.

A study of the laws and principles of heredity as supported by authentic research. Individual studies of the inheritance of various traits of plants and animals, including man are made and results pooled.

First semester, Saturdays, 9:00-10:40 A.M. Room 218. Two semester hours credit. Mr. Fretz.

### Sci. X416. Historical Geology.

This course deals with the principles of interpretation of geological happenings rather than cataloging facts about the history of the earth. Details are grouped about a few great principles and conceptions. A general knowledge of the structure and relationships of the major types of life is attempted as a basis for an appreciation of life history. Wherever possible, geologic history is illustrated by local physical features, fossils and rocks.

Second semester, Saturdays, 10:50 A.M.-12:30 P.M. Room V-208.  
Two semester hours credit. Dr. Gemmill.

### OFF-CAMPUS EXTENSION CLASSES

During the school year 1939-1940, eight extension courses were conducted in off-campus centers: two in Jamestown; one in Albion; and, with the cooperation of the Normal Schools, three in Fredonia and two in Geneseo. Tentative plans for 1940-1941 already include the possibility that classes will be organized in Jamestown and in Geneseo during September, 1940.

Students interested in extension classes at Fredonia should write at once either to the Normal School in Fredonia, or to Director of Extension, Buffalo State Teachers College. Students in any other locality within reasonable distance of Buffalo, who wish to arrange for the organization of extension work in their community, are asked to write to Director of Extension, Buffalo State Teachers College, during September, so that wherever demand warrants the organization of extension work, classes may be set up.

Students, not graduates of the former three year course at Buffalo State Teachers College, and seeking a degree from that institution, are cautioned to note this fact: off-campus extension, conducted in centers outside of Buffalo, will not count as *residence work* at Buffalo, towards the residence requirement for the degree. Friday and Saturday classes conducted on campus, in Buffalo, do apply towards residence requirements.