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CIRCULATION
DESK

State University of New York

NEW YORK STATE
COLLEGE FOR TEACHERS

BULLETIN

BUFFALO 22

NEW YORK



EXTENSION ISSUE

AUGUST—1953

SATURDAY SESSION

1953-1954

GRADUATE DIVISION

and

UNDERGRADUATE CLASSES

NEW YORK STATE COLLEGE FOR TEACHERS BULLETIN
VOLUME XXI NUMBER 4

One of Four Publications Issued Quarterly; March, April, August, and October
by New York State College for Teachers, Buffalo 22, N. Y.

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EXTENSION DEPARTMENT

Administrative Staff

Harvey M. Rice, Ph.D. President
Ralph Horn, Ph.D. Dean of the College
Robert E. Albright, Ph.D. Director of Extension
Director of Graduate Division
Robert W. Goehle Financial Secretary
Frances G. Hepinstall, M.S. Librarian

CALENDAR 1953-1954

FIRST SEMESTER

Saturday, September 19... REGISTRATION DAY for ALL ON-CAMPUS EXTENSION CLASSES. (Saturday, Tuesday and Wednesday courses will ALL register Saturday, September 19.)

8:45-9:15 A.M. All students pick up general instruction sheet in the foyer of Main Building. Graduate students follow No. II; undergraduate students attend Assembly for announcements and to check enrollment of classes to be offered. (Absence from this assembly may result in the class in which you want to enroll being dropped for lack of registration.)

9:15-11:00 A.M. Registration and payment of fees for ALL ON-CAMPUS COURSES.

11:00-11:55 A.M. First hour Saturday classes meet.

12:00-12:55 P.M. Second hour Saturday classes meet.

ALL ON-CAMPUS Extension students are expected to register on September 19. NO REFUNDS CAN BE MADE THIS YEAR. Therefore, do not pay fees until certain that the classes for which you wish to register have sufficient registration to insure organization.

All Undergraduate Extension fees for On-Campus or Off-Campus courses are \$10.00 per credit hour.

All Graduate Division Extension fees for On-Campus or Off-Campus courses are \$12.50 per credit hour.

IMPORTANT NOTICE. Faculty members have been requested to require presentation of receipt for payment of fees, or veterans authorization slip, as well as class enrollment card in order to complete class registration of each student. Extension students will not be admitted to class after the second session until receipt or authorization slip is checked with the instructor.

Saturday, September 26... Last day for registration and payment of fees.

No tuition refunds can be made this year.

Saturday, November 28... Thanksgiving Recess.

Saturday, December 26 thru Saturday, January 2.. Christmas Recess.

Saturday, January 9... Classes resume work.

Saturday, January 23... Final Examinations.

SECOND SEMESTER

Saturday, February 6... REGISTRATION DAY FOR ALL ON-CAMPUS EXTENSION CLASSES. (Saturday, Tuesday and Wednesday courses will ALL register Saturday, February 6.)

8:45-9:15 A.M. All students pick up general instruction sheet in foyer of Main Building. Graduate students follow No. II; undergraduate students attend Assembly for announcements and to check enrollment of classes to be offered. (Absence from this assembly may result in the class in which you want to enroll being dropped for lack of registration.)

9:15-11:00 A.M. Registration and payment of fees for ALL ON-CAMPUS COURSES.

11:00-11:55 A.M. First hour Saturday classes meet.

12:00-12:55 P.M. Second hour Saturday classes meet.

ALL ON-CAMPUS Extension students are expected to register on February 6. NO REFUNDS CAN BE MADE THIS YEAR. Therefore, do not pay fees until certain that the classes for which you wish to register have sufficient registration to insure organization.

All Undergraduate Extension fees for On-Campus or Off-Campus courses are \$10.00 per credit hour.

All Graduate Division Extension fees for On-Campus or Off-Campus courses are \$12.50 per credit hour.

IMPORTANT NOTICE. Faculty members have been requested to require presentation of receipt for payment of fees, or veterans authorization slip, as well as class enrollment card in order to complete class registration of each student. Extension students will not be admitted to class after the second session until receipt or authorization slip is checked with the instructor.

Saturday, February 13... Last day for registration and payment of fees.

No tuition refunds can be made this year.

Saturday, April 10 thru

Saturday, April 17... Easter Recess.

Saturday, April 24... Classes resume work.

Saturday, June 5... Final Examinations

June 12-14... Commencement Program.

GENERAL INFORMATION

1. Teachers in service and properly qualified undergraduates will be admitted to Extension courses.
2. A fee of \$10.00 is charged for each semester hour in undergraduate courses; \$12.50 per semester hour for all graduate courses. 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.
3. 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.
4. If a student wishes to be considered a candidate for a degree he is expected to secure, either by mail or by a personal interview, evaluation of his program from the Registrar in order that he may be sure that work taken will fit his individual need.
5. Extra-mural courses will be organized in convenient centers where the demand is sufficient to justify it. Communication with the Director is urged.
6. Three 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.
7. Classes under twelve, as an absolute minimum, will not be organized except in exceptional cases of required subjects necessary for immediate graduation.
8. The right is reserved to make any necessary alterations in the course offerings listed in this catalog without notice.
9. Any students who have questions relative to courses, requirements or other matters pertaining to extension work, please write to R. E. Albright, Director of Extension, New York State College for Teachers, Buffalo 22, N. Y.

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.

This applies to applicants for both Bachelor's and Master's degrees and includes graduates in all divisions.

GRADUATE DIVISION—EXTENSION SESSION

1953-1954

GENERAL INFORMATION

On October 19, 1945 the Board of Regents approved the establishment of graduate courses at The State University of New York, State College for Teachers at Buffalo, leading to the degree of Master of Science. These courses, offered during the Summer Session and in Extension classes only, were designed to meet the needs of elementary teachers who are desirous of enhancing their academic qualifications and their professional proficiency and those who are interested in becoming elementary school principals and supervisors. In September 1947, the Graduate program was extended to include courses in the four special Divisions of Home Economics, Industrial Arts, Art Education and Education for Teachers of Exceptional Children.

1. Objectives and nature of graduate work:

- A. To continue preparation in elementary education or in the fields of special education for the purpose of extending and supplementing professional knowledge and skills.
- B. To offer an opportunity to study another form of educational service in preparation for changing to other types of service—e.g., from classroom teaching to administrative or vice versa.
- C. To provide training and experience in the field of educational research in order to foster more highly specialized knowledge in a chosen field.

2. Graduate work limited to Summer Session and Extension Department:

At present there will be no graduate work offered during the regular college session. Graduate schedules will be planned so that requirements for the Master of Science degree may be completed by attendance at five Summer Sessions. This time may be shortened by registration in the Extension Department classes.

3. Admission requirements:

- A. Students must hold an approved Bachelor's Degree and be eligible to teach in the elementary field or in the field of specialization.
An approved Bachelor's Degree is a degree from a teachers college accredited by the American Association of Colleges of Teacher Education; or from a teachers college, college or university accredited by the appropriate regional accrediting agency, or on the accredited or approved list of either the state board of education, or the state university of the state in which the institution offering the degree is located.
Students holding a Bachelor's Degree from institutions not in the above mentioned approved or accredited list may, when their qualifications are strong, be admitted to graduate courses, but graduate status will be withheld until ability to do acceptable graduate work has been demonstrated.
- B. Elementary teachers, certified in states other than New York, may enter the Graduate Division of State University of New York, College for Teachers at Buffalo. However, completion of the Masters' requirements does not guarantee New York certification. Such teachers should secure evaluation of credits and a statement of additional work necessary for New York certification from the Certification Division of the State Education Department in Albany, N. Y. In such a case graduate work will be planned, as far as possible, to earn New York certification while requirements for the Masters' degree are being met.
- C. All students must have demonstrated ability to do graduate work as measured by:
 - a. Undergraduate scholastic average of 2.3 or higher, except in those cases where extenuating circumstances indicate justifiable modification. In cases where it seems advisable to make exception to the undergraduate scholarship requirement, applicants will be granted tentative admission until they have proved their fitness for admission to full graduate standing by meeting certain special requirements prescribed by the Graduate Council or the Director of the Graduate Division.

b. An acceptable teaching record as determined by a confidential statement from the applicant's Superintendent or Principal.

c. Evidence from persons able to judge the applicant's fitness for admission to undertake graduate study.

d. Other evaluation measures as may be prescribed by the Graduate Council.

4. Application for admission to Graduate Division:

A. Secure admission blank from the office of the Director of the Graduate Division, which blank will outline fully the procedure to be followed.

B. Make every effort to have application blank and all other data required in the hands of the Director of the Graduate Division before September 1st, if you wish to enter the Graduate Division the first semester; by January 1st, 1954 if you wish to enter the second semester; and by May 1st, for the 1954 Summer Session.

C. If you do not hold your Bachelor's degree from State University College for Teachers at Buffalo, write to the college which granted your degree, and ask that an official transcript be mailed to the Director of Graduate Division, State University College for Teachers, 1300 Elmwood Avenue, Buffalo 22, N. Y.

5. Standards for a graduate degree:

A. The quantitative requirement for the Master of Science degree shall be the completion of thirty-two semester hours of graduate study.

B. Residence requirements: "A candidate for the degree of Master of Science may offer, for credit, not more than twelve semester hours in approved non-residence courses if he is a graduate of the college at which he is a candidate. He may offer not more than eight semester hours of non-residence courses if he is a graduate of another college. In all cases, however, such graduate study must be similar in scope and conduct to courses offered by the teachers college, and must form a coherent part of the total program of preparation to be completed by the student. A course shall be considered as satisfying the requirements for residence when it is offered on the campus of the State Teachers College, or within the territorial limits of the village or city in which the college is located. A course offered by the college at a camp operated by the college or at a branch established by the college may be accepted as a course in residence.

C. Five summer sessions of six weeks each shall be regarded as the usual period of attendance for the completion of the thirty-two hour requirement for the Master of Science degree. This period of time may be shortened by attendance in the classes of the Extension department.

D. No graduate student, in any New York State College for Teachers, who is a full time teacher, will be permitted to carry an extension program in excess of four credits per semester or eight credits per college year. This maximum of four hours per semester includes all work whether taken in afternoon, evening, or Saturday sessions at State or elsewhere. Registration above this maximum will result in loss of credit in excess of four semester hours.

In the Summer Session, a graduate student may be permitted to carry a maximum of one hour of credit per week, that is for two weeks' work he may receive a maximum of two (2) credits; for six weeks' work, six (6) credits; for eight weeks' work, eight (8) credits.

E. Credit will not be given for courses completed in another college or university more than seven years prior to registration in the Graduate Division of The State University of New York, State College for Teachers at Buffalo. A candidate for the Master's Degree shall satisfy all the prescribed requirements for said degree within six years from the date of admission to candidacy.

6. Admission to Candidacy:

The filing of an application for the admission to candidacy for the Master's degree is the personal responsibility of each graduate student.

Application for admission to candidacy may be made after completion of six hours in graduate courses, and must be made at the completion of twelve hours of graduate study.

Requirements for admission to candidacy are as follows:

A. A cumulative average of "B" in courses presented for graduate credit.

B. No work of "D" grade will be accepted.

C. A recommendation from the adviser of the candidate, the director of the division, or (in the case of Elementary Education students) the Director of the Graduate Division.

D. A comprehensive written examination may be required by the Graduate Council upon the recommendation of the student's adviser or director of the division in which application is made.

7. **Special students** who do not intend to apply for admission to candidacy may register for courses in the Graduate Division. However, these (non-matriculating) special students are limited to a total of twelve (12) hours of graduate credit.

8. Registration Fees:

Registration for Graduate Division classes in the Extension Department will be held Saturday, September 19, 1953 and Saturday, February 6, 1954. Please follow procedure on general instruction sheet which may be picked up on registration day in the foyer of the Main Building. Graduate Division fees are \$12.50 per credit hour.

9. Elementary Teaching Certification for Liberal Arts College Graduates:

Due to the extreme shortage of elementary teachers, the State Education Department has approved a plan whereby college graduates may enter an intensive training program to prepare for general elementary school teaching. The completion of a minimum of 30 semester hours, on the graduate level, 24 hours of which shall be in education courses approved for elementary school teaching, and evidence of satisfactory teaching, as determined by an approved evaluation program, will entitle the student to a permanent certificate to teach in the elementary grades.

This program has been inaugurated to help relieve the current teacher shortage. It has been planned so that interested college graduates may register in the Graduate Division for certain specified Saturday Extension courses and Summer Sessions. Satisfactory completion of prescribed courses in a Summer Session will entitle the college graduate to an emergency certificate valid for one year. Renewals will be granted upon evidence of continued summer session study and satisfactory teaching, upon the request of the employing school official.

If the student wishes to complete the requirements for the Master of Science Degree, 8 hours of graduate study, elected under the guidance of the Graduate Division of this college, will be required in addition to the 24 hours of required courses in elementary education. All college graduates interested in this program for certification in elementary school teaching, should secure application blanks and complete instructions for registration as soon as possible.

The following is the curriculum for Certification of Liberal Arts Graduates:

Intermediate and Upper Grade Group

Workshop in Elementary Education (Summer Session only)	8 Sem. Hrs.
Seminar in Elementary School Problems (Emphasis on Science, Mathematics and Language Arts)	3 Sem. Hrs.
Music and Art in Elementary Education	3 Sem. Hrs.
Workshop in Child Development (Summer Session only)	6 Sem. Hrs.
Problems in Elementary School Curriculum	3 Sem. Hrs.
Seminar in Elementary Education	3 Sem. Hrs.
Electives	4-6 Sem. Hrs.

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Kindergarten-Primary Group

Workshop in Elementary Education (Summer Session only)	8 Sem. Hrs.
Kindergarten Education	3 Sem. Hrs.
Psychology of the Pre-School Child	3 Sem. Hrs.
Seminar in Elementary School Problems (Emphasis on Language Arts, Science, Mathematics)	3 Sem. Hrs.
Music and Art in Elementary Education	3 Sem. Hrs.
Workshop in Child Development (Summer Session only)	6 Sem. Hrs.
Electives	4-6 Sem. Hrs.

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THE GRADUATE CURRICULUM

(1) ELEMENTARY EDUCATION

- (A) For the elementary teacher:
- 6 Semester Hours—Workshop in Elementary Education.
 - 3 Semester Hours—Seminar in Elementary Education.
 - 6 Semester Hours—English and/or Social Studies.
 - 6 Semester Hours—Academic electives.
 - *2-6 Semester Hours—Research course, project, or Master's thesis.
 - 5-9 Semester Hours—Unrestricted electives. (Maximum of 16 hours in education courses, including research course, project, or thesis.)

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- (B) For the elementary principal or supervisor.**
- 6 Semester Hours—Workshop in Elementary Education.
 - 3 Semester Hours—Elementary Administration.
 - 3 Semester Hours—Supervision.
 - 6 Semester Hours—English and/or Social Studies.
 - 2-4 Semester Hours—Academic electives.
 - *2-6 Semester Hours—Research course, project, or Master's thesis.
 - 4-10 Semester Hours—unrestricted electives.

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Total credit requirements: 32 semester hours.

* Each candidate, after conference with his or her adviser, may select one of the following requirements: (1) A course in research techniques and interpretation of research materials, 2 hours credit; (2) a project in the field of Elementary Education, 4 hours credit; or (3) a Master's thesis, 6 hours credit.

** Program as outlined is adequate to meet elementary principals provisional certificate but those desiring to qualify for elementary supervisory certificate should complete a minimum of 6 hours in supervision courses using unrestricted electives for the additional 3 hours credit.

(2) HOME ECONOMICS EDUCATION

- Group I. **Advanced Technical Courses** 12 Hours maximum
- Family Life (including Home Management, etc.) 2-6 Sem. Hrs.
 - Foods and Nutrition and/or Clothing and Textiles 2-6 Sem. Hrs.
- Group II. **Advanced Courses Dealing with Problems of Home Economics Education** 10 Hours maximum
- Seminar in Home Economics Ed. required 3 Sem. Hrs.
 - Workshop in Home Economics Ed. 3-6 Sem. Hrs.
 - or
 - Electives by Advisement 2-6 Sem. Hrs.
- Group III. **Advanced Courses in General Areas** 10 Hours minimum
- Social Studies 2 Sem. Hrs.
 - Science and/or Art 2-4 Sem. Hrs.
 - Unrestricted elective 4-6 Sem. Hrs.

Each candidate, after conference with her adviser, may select one of the following requirements: (1) A course in research techniques and interpretation of research materials, 2 hours credit (2) a project in the field of Home Economics, 4 hours credit; or (3) a Master's thesis, 6 hours credit. Credit may be applied to Group I or Group II, or may be divided between these two groups, depending upon the nature of the work done.

Total requirements: 32 semester hours.

(3) INDUSTRIAL ARTS EDUCATION

1. **Advanced Technical Courses** 12 Hours maximum
- a. Specialization in Shop Laboratory 2-4 Sem. Hrs.
 - b. Workshop in Industrial Arts Education 2-4 Sem. Hrs.
 - c. Seminar in Industrial Arts Education 2-4 Sem. Hrs.
 - d. Field Studies in Industrial Areas 3-6 Sem. Hrs.

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2. **Advanced Courses dealing with Problems Related to Industrial Arts** 10 Hours maximum
- *a. Research techniques, project, or Master's thesis 2-6 Sem. Hrs.
 - b. Workshop in Industrial Arts Education 2-4 Sem. Hrs.
 - c. Contemporary Labor Problems and Legislation 2-4 Sem. Hrs.
 - d. Occupational Activities for the Handicapped 2-4 Sem. Hrs.
 - e. Electives by advisement (in substitution for b, c, and d) 2-6 Sem. Hrs.

3. **Advanced Courses in the General Areas** 10 Hours minimum
- a. English 2-4 Sem. Hrs.
 - b. Social Studies 2-4 Sem. Hrs.
 - c. Mathematics and/or Science 3-6 Sem. Hrs.
 - d. Unrestricted electives 3-6 Sem. Hrs.

Total requirements: 32 semester hours.

* Each candidate, after conference with his adviser, may select one of the following requirements: (1) A course in research techniques and interpretation of research materials, 2 hours credit; (2) a project in the field of Industrial Arts Education, 4 hours credit; or (3) a Master's thesis, 6 hours credit.

(4) ART EDUCATION

1. **Graduate Technical Courses:** 12 Sem. Hrs. maximum
- Art 501. Workshop in Art Education Materials, Processes, and Procedures 3 Sem. Hrs.
 - Art 503. Workshop in Using the Visual Language. 3 Sem. Hrs.
 - Art 506. Seminar in Contemporary Art 2 Sem. Hrs.
 - Art 507. Graduate Studio in Drawing, Painting, Graphic Arts 2-6 Sem. Hrs.
 - Art 508. Graduate Studio in Design and Spatial Organization 2-6 Sem. Hrs.
 - Art 509. Graduate Studio in Crafts 2-6 Sem. Hrs.
 - Art 510. Graduate Studio in Photography 3 Sem. Hrs.
 - Art 512. Graduate Studio in Sculpture 3 Sem. Hrs.
 - Art 526. Special Study 2-4 Sem. Hrs.
 - *Ed. 575. Research Techniques (2 hrs.), Art 550 Project (4 hrs.) or Art 525 Master's thesis (6 hrs.) 2-6 Sem. Hrs.
- Graduate Courses in the Practical Arts for which the students are qualified 2-6 Sem. Hrs.
2. **Graduate Courses in Related Fields:** 10 Sem. Hrs. maximum
- Art 502. Art Education Today 3 Sem. Hrs.
 - Art 504. Seminar in Art in Human Affairs 2 Sem. Hrs.
 - *Art 505. Seminar in Art Education 3 Sem. Hrs.
 - Art 526. Special Study 2-4 Sem. Hrs.
 - *Ed. 575. Research Techniques (2 hrs.), Art 550 Project (4 hrs.) or Art 525 Master's thesis (6 hrs.) 2-6 Sem. Hrs.
- Graduate Courses in Psychology and Education 2-6 Sem. Hrs.
3. **General Education Graduate Electives:** 10 Sem. Hrs. minimum
- Graduate courses in the Fields of Music, English, Social Studies, Science and Mathematics, by advisement.

* Required courses. Each candidate, after conference with his adviser, may select one of the following requirements: (1) Ed. 575, a course in research techniques and interpretation of research materials, 2 hours credit; (2) Art 550, a project in the field of Art Education, 4 hours credit; or (3) Art 525, a Master's thesis, 6 hours credit.

Total requirements: 32 semester hours.

(5) EDUCATION FOR EXCEPTIONAL CHILDREN

- A. **Education of Mentally Retarded Children:**
- Ed.Ex. 501. Workshop in Education of Mentally Retarded Children 6 Sem. Hrs.
 - Ed.Ex. 511. Seminar in Education of Mentally Retarded Children 2 Sem. Hrs.

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Ed.Ex. 521. Guidance of Mentally Retarded Children	2 Sem. Hrs.
*Ed.Ex. 541. Psychology of Exceptional Children	2 Sem. Hrs.
**Ed. 575. Research Techniques (2 hrs.), Ed. Ex. 550 Project (4 hrs.) of Ed. Ex. 525 Master's thesis (6 hrs.)	2-6 Sem. Hrs.
English and/or Social Studies as required by Graduate Division	6 Sem. Hrs.
Academic elective as prescribed by the Graduate Division	6 Sem. Hrs.
Unrestricted electives	2-6 Sem. Hrs.
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B. Education of Orthopedically Handicapped Children:

Ed.Ex. 502. Workshop in Education of Orthopedically Handicapped Children	6 Sem. Hrs.
Ed.Ex. 512. Seminar in Education of Orthopedically Handicapped Children	2 Sem. Hrs.
Ed.Ex. 522. Guidance of the Orthopedically Handicapped	2 Sem. Hrs.
*Ed.Ex. 541. Psychology of Exceptional Children	2 Sem. Hrs.
**Ed. 575. Research Techniques (2 hrs.), Ed. Ex. 550 Project (4 hrs.), or Ed. Ex. 525 Master's thesis (6 hrs.)	2-6 Sem. Hrs.
English and/or Social Studies as required by Graduate Division	6 Sem. Hrs.
Academic electives as prescribed by the Graduate Division	6 Sem. Hrs.
Unrestricted electives	2-6 Sem. Hrs.
	32

C. Education in Speech Correction:

Ed.Ex. 503. Clinical Procedures in Speech Correction	3 Sem. Hrs.
Ed.Ex. 513. Seminar in Speech Science	3 Sem. Hrs.
Ed.Ex. 524. Introduction to Audiology	2 Sem. Hrs.
Ed.Ex. 533. Seminar in Speech Pathology	2 Sem. Hrs.
Ed.Ex. 535. Mental Measurement	2 Sem. Hrs.
*Ed.Ex. 541. Psychology of Exceptional Children	2 Sem. Hrs.
**Ed. 575. Research Techniques (2 hrs.), Ed. Ex. 550 Project (4 hrs.), or Ed. Ex. 525 Master's thesis (6 hrs.)	2-6 Sem. Hrs.
English and/or Social Studies as required by Graduate Division	6 Sem. Hrs.
Academic elective as prescribed by the Graduate Division	6 Sem. Hrs.
Free electives	2-4 Sem. Hrs.
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* Note: Ed.Ex. 541—This course is required by the State Education Department for certification to teach exceptional children. Students who have received certification prior to entrance upon graduate study, will not be required to take Ed.Ex. 541.

** Each candidate, after conference with his adviser, may select one of the following requirements: (1) Ed. 575, a course in research techniques and interpretation of research materials, 2 hours credit; (2) Ed.Ex. 550, a project in some field of Education for Exceptional Children, 4 hours credit; or (3) Ed.Ex. 525, a Master's thesis, 6 hours credit. Total requirements: 32 semester hours.

D. Education of Hard of Hearing Children.†

E. Education of Partially-sighted Children.†

† If interested in Graduate work in the fields of Hard of Hearing Children and Partially-sighted Children, please write to Director of the Division of Education of Exceptional Children, The State University College for Teachers, Buffalo 22, N. Y., for further information.

(6) INTENSIVE TEACHER TRAINING PROGRAM

See No. 9, page 7 for curriculum.

LIST OF GRADUATE COURSES

* Offered in Extension—1953-1954

ART 501. Workshop in Art Education Materials, Processes and Procedures.
ART 502. Art Education Today.
ART 503. Workshop in Using the Visual Language.
ART. 504. Seminar in Art in Human Affairs.
*ART 505. Seminar in Art Education.
ART 506. Seminar in History of Art—Contemporary Movements in Art.
*ART. 507. Graduate Studio in Drawing, Painting, Graphic Arts.
*ART 508. Graduate Studio in Design and Spatial Organization.
*ART 509. Graduate Studio in Crafts.
*ART 510. Graduate Studio in Photography.
ART 511. Art in the Elementary Curriculum.
*ART 512. Studio in Sculpture.
ART 520. Allegany Art Camp—Painting.
ED. 500. Workshop in Elementary Education.
ED. 500A. Workshop in Elementary Education. (Liberal Arts Graduates Only.)
*ED. 501. Seminar in Elementary Education.
*ED. 503. Organization of the Elementary School.
ED. 504. Administration of the Elementary School.
ED. 505. Evaluation Techniques in the Elementary School.
*ED. 506. Philosophy of Education.
ED. 507. General School Administration.
ED. 508. Supervision of Student Teaching.
ED. 509. Personality Adjustment in the Elementary School.
*ED. 510. Seminar in Elementary School Problems.
*ED. 511. Music and Art in Elementary Education.
ED. 512. Seminar in Child Development.
ED. 513. Elementary Statistical Methods.
ED. 514. Diagnostic and Remedial Techniques in the Elementary School Subjects.
ED. 515. Seminar in Early Childhood Education.
ED. 516. Methods and Materials in the Elementary School.
ED. 519. Applied Mental Hygiene.
ED. 520. Workshop in Elementary Administration.
ED. 521. The Elementary School Curriculum.
ED. 522. Psychology of the Pre-School Child.
ED. 523. Principles and Practices of Guidance.
ED. 524. Techniques of Counseling.
ED. 525. Thesis.
*ED. 527. Problems in Educational Services for Young Children.
*ED. 530. Principles of Supervision.
ED. 531. Supervision of Teaching.
*ED. 533. Workshop in Audio-Visual Education.
ED. 534. Administration and Supervision of Audio-Visual Programs.
ED. 535. Reading in the Elementary Grades.
ED. 550. Project.
ED. 564. Advanced Driver Education and Safety.
ED. 565. Workshop in Driver Education and Safety.
ED. 566. Safety Education.
ED. 567. Driver Education.
ED. 568. Workshop in Creative Activities in the Elementary School.
*ED. 575. Research Methods and Techniques.
ED. 585. Reading Clinic.
ED. 586. Improvement of Reading at College Level.
ED. 590. The Preparation of Laboratory School Teachers.
ED.EX. 500. Symposium—Education of Handicapped Children.
ED.EX. 501. Workshop in Education of Mentally Retarded Children.
ED.EX. 502. Workshop in Education of Orthopedically Handicapped Children.

- ED.EX. 503. Clinical Procedures in Speech Correction.
- ED.EX. 504. Workshop in Education of Cerebral Palsied Children.
- ED.EX. 511. Seminar in Education of Mentally Retarded Children.
- ED.EX. 512. Seminar in Education of Orthopedically Handicapped Children.
- ED.EX. 513. Seminar in Speech Science.
- *ED.EX. 520. Speech Correction for Elementary School Teachers.
- ED.EX. 521. Guidance of Mentally Retarded Children.
- ED.EX. 522. Guidance of Orthopedically Handicapped.
- ED.EX. 523. Applied Phonetics.
- ED.EX. 530. Survey of Eye Conditions (A).
- ED.EX. 531. Survey of Eye Conditions (B).
- ED.EX. 532. Methods of Teaching Partially Seeing Children.
- *ED.EX. 533. Seminar in Speech Pathology.
- ED.EX. 535. Mental Measurements.
- ED.EX. 538. Understanding the Problem Child in the Classroom.
- ED.EX. 541. Seminar in the Psychology of Exceptional Children.

- ENG. 500. Studies in the Structure and Function of Language.
- ENG. 502. Studies in American Literature.
- ENG. 503. American Regional Literature.
- ENG. 504. Origin and Development of English Drama.
- *ENG. 505. Studies in the Novel.
- ENG. 506. Studies in the Modern Drama.
- ENG. 507. The Modern Novel.
- ENG. 508. The Literature of Greece and Rome.
- *ENG. 509. Studies in the Prose and Poetry of Milton.
- ENG. 510. Emerson, Thoreau and the Transcendentalists.
- ENG. 511A. Studies in the Poetry of the Victorian Period.
- ENG. 511B. Contemporary Ideas Foreseen in 19th Century Literature.
- ENG. 512. The Literature of Continental Europe.
- ENG. 512A. The Literature of Continental Europe. (Emphasis on the Middle Ages.)
- ENG. 512B. The Literature of Continental Europe. (Emphasis on the Renaissance.)
- *ENG. 512C. The Literature of Continental Europe. (The Nineteenth Century.)
- ENG. 513. Seminar-Tour in American Literature.
- ENG. 514. Children's Literature.
- ENG. 515. Philosophic Aspects of Literature.
- ENG. 517. Background in European Culture.
- ENG. 518. Major American Poets.
- ENG. 519. Literature and the World Today.
- *ENG. 520. Shakespearean Tragedy.
- *ENG. 521. Studies in Modern British Poetry.
- ENG. 522. Studies in Modern American Poetry.
- ENG. 523. Shakespearean Comedy.
- *ENG. 524. Realism in American Literature.

- GEOG. 500. Geography of Eastern Asia.
- GEOG. 501. Studies in Industrial Geography.
- GEOG. 502. Map Interpretation for Teachers.

- H.EC. 500. Seminar in Home Economics Education.
- H.EC. 501. Workshop in Home Economics Education.
- H.EC. 502. The Individual and the Family.
- *H.EC. 503. Family Relationships.
- *H.EC. 504. Problems in Foods and Nutrition.
- H.EC. 505. Problems in Clothing and Textiles.
- H.EC. 506. Seminar in Home Management.
- H.EC. 507. Evaluation in Home Economics Education.
- H.EC. 508. Workshop in Advanced Clothing.
- H.EC. 509. Seminar in Textiles.
- H.EC. 510. Practical Problems of Housing and Home Furnishing.

- H.EC. 511. Methods and Materials in the Teaching of Family Relationships.
- H.EC. 512. Seminar in Household Equipment for Home Economics Teachers.
- H.EC. 513. Workshop in Nutrition for the Elementary School.
- H.EC. 514. Performance Testing of Major Home Appliances.
- H.EC. 515. Home Making Education for Adults.
- H.EC. 516. Family Clothing.
- H.EC. 517. Trends in Teaching Clothing to Homemakers and Prospective Homemakers.
- H.EC. 518. Homemaking in Special Education.
- H.EC. 519. Workshop in Homemanagement.

- *I.A. 500. Workshop in Industrial Arts Education.
- *I.A. 501. Seminar in Industrial Arts Education.
- *I.A. 502. Field Studies Related to Industrial Arts Education.
- *I.A. 503. Guidance Seminar in Life Adjustment Education.
- I.A. 506. Supervision of Industrial Arts Education.
- I.A. 511. Seminar in Industrial Cooperative Education.
- I.A. 512. Workshop in Textiles.
- I.A. 513. Workshop in Ceramics.
- *I.A. 514. Workshop: Techniques and Devices for Shop Laboratory.
- I.A. 515. Transportation Laboratory.
- *I.A. 517. Electronics.
- *I.A. 519. Workshop: New Methods and Techniques in Woodworking.
- I.A. 520. Workshop in General Metals.
- *I.A. 521. New Methods and Techniques in Metalworking.
- I.A. 522. Advanced Ceramics Techniques.

- *MATH. 500. Mathematics of the Elementary School.

- MUSIC. 500. Music in Education.

- *SCI. 500. Science in the Elementary Curriculum.
- *SCI. 501A. Field Studies in Science I.
- SCI. 502. Ecology.
- SCI. 504. Science Camp.
- SCI. 505. Conservation Workshop.
- SCI. 506. Curriculum Problems in Elementary Science.
- *SCI. 509. Recent Developments in Science as Applied to Home Economics.

- S.S. 500. Studies in Twentieth Century American History.
- S.S. 501A. Studies in Twentieth Century European History: The German Problem.
- S.S. 501B. Studies in Twentieth Century European History: The Soviet Union.

- S.S. 502. The United States and Its Inter-American Relations.
- *S.S. 503. History of Political Theory.
- *S.S. 504. History of the American Frontier.
- S.S. 505. Studies in Contemporary Economic Problems.
- *S.S. 506. Minority Groups in American Culture.
- S.S. 507. Field Course in the History and Geography of New York State.
- S.S. 508. Field Course in Mexican Culture.
- S.S. 509. Local History: Research Methods and Techniques.
- S.S. 510. Selected Problems of Urban Life.
- *S.S. 511. Problems of Contemporary England.
- S.S. 512. The United States in Contemporary World Affairs.
- *S.S. 513. Social and Intellectual History of the United States.
- *S.S. 514. Workshop in Human Relations.
- *S.S. 514A. Advanced Workshop in Human Relations.
- *S.S. 515. Colonial History of the United States.
- S.S. 516. International Relations and the World Today.
- *S.S. 518. European Political Movements.

- SPANISH. 500. Workshop in Teaching Spanish in the Elementary Grades.

EXTENSION DEPARTMENT SCHEDULE

Afternoon, Evening and Saturday Session
GRADUATE DIVISION CLASSES

1953-1954

(1) ELEMENTARY EDUCATION

First Semester

- Saturday morning: 9:00 A.M.-11:40 A.M. (3 hours credit)
Ed. 501x, Seminar in Elementary Education...Dr. Lange
Ed. 510x, Seminar in Elementary School Problems...Miss Concannon
(Liberal Arts Graduates—I.T.T.P. students only) Miss M. Pratt
Ed. 530x, Principles of Supervision...Dr. Milanovich
Saturday morning: 9:00 A.M.-10:40 A.M. (2 hours credit)
Ed. 533x, Workshop in Audio-Visual Aids...Dr. Smay
Ed. 575x, Research Techniques...Miss Martorana
(Preregistration is advisable)
Eng. 512cx, The Literature of Continental Europe, 19th Cent...Dr. Messner
Math. 500x, Mathematics of the Elementary School...Dr. Rodney
S.S. 503x, History of Political Theory...Dr. Mason
Saturday morning: 10:50 A.M.-12:30 P.M. (2 hours credit)
Ed. 575x, Research Techniques...Dr. Hertzberg
(Preregistration is advisable)
Eng. 520x, Shakespearean Tragedy...Dr. Fried
Sci. 501x, Field Studies in Science...Dr. Sengbusch
S.S. 504x, History of the American Frontier...Dr. Rapp
Tuesday evening: 6:30 P.M.-9:10 P.M. (3 hours credit)
Ed. 506x, Philosophy of Education...Dr. Sloan
Eng. 509x, Studies in the Prose and Poetry of Milton...Dr. Gronewold
S.S. 506x, Minority Groups in American Culture...Dr. Hollister
Wednesday afternoon: 4:20 P.M.-6:00 P.M. (2 hours credit)
*S.S. 514x, Workshop in Human Relations...Miss G. Pratt

Second Semester

- Saturday morning: 9:00 A.M.-11:40 A.M. (3 hours credit)
Ed. 501x, Seminar in Elementary Education...Dr. Crayton
Ed. 503x, Organization of the Elementary School...Dr. Milanovich
Ed. 511x, Music and Art in Elementary Education...Mrs. Heyman
(Liberal Arts Graduates—I.T.T.P. students only) Mr. Bailey
Saturday morning: 9:00 A.M.-10:40 A.M. (2 hours credit)
Eng. 505x, Studies in the Novel...Dr. Gragg
Sci. 500x, Science in the Elementary Curriculum...Dr. Lampkin
S.S. 511x, Problems of Contemporary England OR...Dr. Robison
S.S. 515x, Studies in Colonial History of the U.S...Dr. Robison
Saturday morning: 10:50 A.M.-12:30 P.M. (2 hours credit)
Ed. 575x, Research Techniques...Dr. Penn
(Preregistration is advisable)
Eng. 524x, Realism in American Literature...Dr. Fried
Sci. 509x, Recent Developments in Science as Applied to H.Ec...Miss Dupre
S.S. 518x, European Political Movements...Mr. H. Brown
Tuesday evening: 6:30 P.M.-9:10 P.M. (3 hours credit)
*Ed. 527x, Problems in Educational Services for Young Children Miss Jamison
Eng. 521x, Studies in British Poetry...Dr. Drew
S.S. 513x, Social and Intellectual History of the U.S...Mr. Weaver
Wednesday afternoon: 4:20 P.M.-6:00 P.M. (2 hours credit)
*S.S. 514x, Workshop in Human Relations...Miss Kahler
*S.S. 514Ax, Advanced Workshop in Human Relations...Dr. Burrell
(Prerequisite—S.S. 514x)

*Open to undergraduates with consent of instructor.
#Subject to change if need arises.

(2) HOME ECONOMICS

First Semester

- Saturday morning: 9:00 A.M.-11:40 A.M. (3 hours credit)
H.Ec. 504x Problems in Foods and Nutrition...Miss Buddenhagen
Second Semester
Saturday morning: 9:00 A.M.-10:40 A.M. (2 hours credit)
H.Ec. 503x, Family Relationships...Dr. Stewart
Sci. 509x, Recent Developments in Science as Applied to H.Ec...Miss Dupre
Elementary Education Division Electives by Advisement.

(3) INDUSTRIAL ARTS

First Semester

- Saturday morning: 9:00 A.M.-10:40 A.M. (2 hours credit)
I.A. 519x, Workshop: New Methods and Techniques in Woodworking Dr. Callan
I.A. 517x, Electronics...Mr. Cook
Saturday morning: 10:50 A.M.-12:30 P.M. (2 hours credit)
I.A. 502x, Field Studies Related to I.A. Education...Mr. Brossman
I.A. 500x, Workshop in I.A. Education...Mr. Harlan

Second Semester

- Saturday morning: 9:00 A.M.-10:40 A.M. (2 hours credit)
I.A. 501x, Seminar in I.A. Education...Dr. Neuthardt
I.A. 521x, New Methods and Techniques in Metalworking...Dr. Fontana
Saturday morning: 10:50 A.M.-12:30 P.M. (2 hours credit)
I.A. 503x, Guidance Seminar in Life Adjustment Education...Dr. Russell
I.A. 514x, Workshop: Techniques and Devices for Shop Laboratory Mr. Steffen
Elementary Education Division Electives by Advisement.

(4) ART

First Semester

- Saturday morning: 9:00 A.M.-11:40 A.M. (3 hours credit)
Art 505x, Seminar in Art Education...Dr. Czurlis
Art 512x, Studio in Sculpture...Mr. Dakin
(may be taken for 2 hours credit—9:00 A.M.-10:40 A.M.)
Tuesday evening: 6:30 P.M.-9:10 P.M.
Art 510x, Graduate Studio in Photography...Dr. Truesdale
(Class limited to 15)

Second Semester

- Saturday morning: 9:00 A.M.-11:30 A.M. (3 hours credit); 9:00 A.M.-10:40 A.M. (2 hours credit)
*Art 507x, Graduate Studio in Painting...Miss Case
Art 509x, Graduate Studio in Crafts...Dr. Winebrenner
Tuesday evening: 6:30 P.M.-9:10 P.M. (3 hours credit)
Art 508x, Graduate Studio in Design...Dr. Hubler

(5) EDUCATION FOR EXCEPTIONAL CHILDREN

First Semester

- Tuesday afternoon: 4:20 P.M.-6:00 P.M. (2 hours credit)
*Ed.Ex. 520x, Speech Correction for Elementary School Teachers Miss Gallagher

Second Semester

- Tuesday afternoon: 4:20 P.M.-6:00 P.M. (2 hours credit)
*Ed.Ex. 533x, Seminar in Speech Pathology...Miss Gallagher
Additional courses will be scheduled before September 1st. Write to the Director of the Graduate Division for information.

*Open to undergraduates with consent of instructor.

UNDERGRADUATE COURSE OFFERINGS

1953-1954

(Additional classes will be organized if need arises)

First Semester

Afternoon and Evening Courses

Tuesday afternoon: 4:20 P.M.-6:00 P. M. (2 hours credit)

*Ed.Ex. 520x, Speech Correction for Elementary School Teachers
Miss Gallagher

Wednesday afternoon: 4:20 P.M.-6:00 P.M. (2 hours credit)

*S.S. 514x, Workshop in Human Relations.....Miss G. Pratt

Saturday morning: 9:00 A.M.-10:40 A.M. (2 hours credit)

Eng. 345x, Radio and Television in Education.....Mr. R. Smith
Geog. 302x, Geography of North America.....Mr. R. Redden
Sci. 231x, Elementary Physics (Physics for Elementary Teachers)
Mr. Flannigan
S.S. 225x, Historical Influences on Modern Society.....Mr. E. Brown

Saturday morning: 10:50 A.M.-12:30 P.M. (2 hours credit)

Art. 406x, Creative Art Workshop.....Mr. Ahrens
Eng. 220x, Creative Writing..OR.....Miss Norenberg
Eng. 408x, The Short Story.....Miss Norenberg
Sci. 421x, Physiology and Hygiene.....Miss Dupre
S.S. 430x, American Economic History.....Dr. Weaver

Second Semester

Tuesday afternoon: 4:20 P.M.-6:00 P.M. (2 hours credit)

*Ed.Ex. 533x, Seminar in Speech Pathology.....Miss Gallagher

Tuesday evening: 6:30 P.M.-9:10 P.M. (3 hours credit)

*Ed. 527x, Problems in Educational Services for Young Children
Miss Jamison
Art 400x, Workshop in Crafts.....Mr. Jiskra

Wednesday afternoon: 4:20 P.M.-6:00 P.M. (2 hours credit)

*S.S. 514x, Workshop in Human Relations.....Miss Kahler
*S.S. 514Ax, Advanced Workshop in Human Relations.....Dr. Burrell

Saturday morning: 9:00 A.M.-10:40 A.M. (2 hours credit)

*Art 507x, Graduate Studio in Painting.....Miss Case
(3 hrs. credit: 9:00-11:30 A.M.; 2 hrs. credit: 9:00-10:40 A.M.)
Eng. 348x, Creative Dramatics.....Miss Piquette
Sci. 306x, Botany..OR.....Mr. Laug
Sci. 401x Genetics.....Mr. Laug
S.S. 305x, American History from 1789-1865..OR.....Mr. R. Brown
S.S. 346x, American Politics and Political Parties.....Mr. R. Brown

Saturday morning: 10:50 A.M.-12:30 P.M. (2 hours credit)

Art 400x, Workshop in Crafts.....
Eng. 407x, Romantic Movement..OR.....Mr. Schuck
Eng. 422x, Victorian Poetry.....Mr. Schuck
Math. 102x, General Mathematics.....Dr. Ebert
S.S. 303x, Europe Since 1914.....Dr. Mason
Spanish 104x, Latin American Culture.....Mr. Guerra

* Open to undergraduates with consent of instructor.

OFF-CAMPUS EXTENSION

Inquiries have been received to date (July 1, 1953) concerning off-campus courses as follows:

Alexander	Workshop in Audio-Visual Aids
East Aurora	Science in the Elementary Curriculum
Elma	Music in the Elementary Grades
Hamburg	Literature and the World Today
Niagara Falls	Reading in the Elementary Grades
	Music in the Elementary Grades
	Child Development
Oakfield	Workshop in Social Studies Curriculum

Teachers who are interested in developing courses in these communities and have not as yet signified their interest should call or write Dr. Robert E. Albright, Director of Extension Education, 1300 Elmwood Ave., Buffalo 22, N. Y., as soon as possible. Courses will be organized if sufficient enrollment can be secured and if faculty schedules can be arranged to meet the demand for off-campus extension courses.