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State University of New York

COLLEGE FOR TEACHERS BUFFALO

BULLETIN

BUFFALO 22 NEW YORK



EXTENSION ISSUE

August—1954

Saturday Session 1954-1955

GRADUATE DIVISION
and
UNDERGRADUATE CLASSES

New York State College for Teachers Bulletin Volume XXII 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 DIVISION

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
Frances G. Hepinstall, M.S	Librarian

ON-CAMPUS EXTENSION CLASSES

Saturday—Tuesday—Wednesday

CALENDAR 1954-55

First Semester:

Saturday, September 18—Registration for all classes (Saturday—Tuesday—Wednesday)
Saturday, September 25—Last day for registration and payment of

fees.

Saturday, November 27—Thanksgiving recess.

Saturday, December 25—through Saturday, January 1, Christmas recess.

Saturday, January 8—Classes resume.

Saturday, January 22—Final examinations.

Second Semester:

Saturday, February 5—Registration for all classes, (Saturday—Tuesday—Wednesday)

Saturday, February 12—Last day for registration and payment of fees. Saturday, April 9 through Saturday, April 16—Easter recess.

Saturday, April 23—Classes resume.

Saturday, June 4—Final examinations.

Commencement

Sunday, June 12—Baccalaureate	4 P.M
Monday, June 13—Commencement	

REGISTRATION PROCEDURES

FIRST SEMESTER

Saturday, September 18

All On-Campus Extension Classes
Saturday—Tuesday—Wednesday

8:45-9:15 A.M. Secure instruction sheet in foyer of Administration Building.

Graduate students follow directions as indicated.

Undergraduate students attend Assembly in Auditorium to receive announcements and to check enrollment of classes to be offered. (Absence from this Assembly may cause the discontinuance of the class you wanted due to insufficient registration.)

9:15-11:00 A.M. Registration and payment of fees* for all On-Campus Courses. (Saturday—Tuesday—Wednesday).

11:00-11:55 A.M. First hour Saturday classes meet.
12:00-12:55 P.M. Second hour Saturday classes meet.

SECOND SEMESTER

Saturday, February 5

Registration Day

All On-Campus Extension Classes Saturday—Tuesday—Wednesday

8:45-9:15 A.M. Secure instruction sheet in foyer of Administration Building.

Graduate students follow directions as indicated.

Undergraduate students attend Assembly in Auditorium to receive announcements and to check enrollment of classes to be offered. (Absence from this Assembly may cause the discontinuance of the class you wanted due to insufficient registration.)

9:15-11:00 A.M. Registration and payment of fees* for all On-Campus Courses. (Saturday—Tuesday—Wednesday)
11:00-11:55 A.M. First hour Saturday Classes meet.

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

* Pay no fees until classes desired are assured of continuance—no refunds can be made this year.

REGISTRATION FEES

On-Campus and Off-Campus Courses

All Undergraduate Extension fees All Graduate Extension fees	\$10.00 per credit hour \$12.50 per credit hour
--------------------------------------------------------------	----------------------------------------------------

Fees payable at registration.

No refunds made unless course is discontinued.

Faculty members have been instructed to require receipt for payment of fees or veterans authorization slip and class enrollment card from students before completing class registration. No student will be admitted after the second class session until these conditions are fulfilled.

GENERAL INFORMATION

- 1. Teachers in service and properly qualified undergraduates will be admitted to Extension courses.
- 2. A student wishing to become a candidate for a degree should secure an evaluation of his academic record and proposed program from the Registrar to assure proper accrediting and satisfactory course selection.
- 3. Credit granted for the completion of any course is subject to the approval of the Registrar when applied to the specific program of any student.
- 4. Extension credit is transferable to other academic institutions in accordance with the regulations of the individual college or university concerned.
- 5. Off-Campus courses will be organized in convenient centers when requests are sufficient to establish them. Teacher groups interested in such courses should inform the Director of Extension as soon as possible.
- 6. A minimum registration of twelve students will be required for the continuance of any proposed Extension class.*
- 7. Graduates of a three-year curriculum of this College should note that Off-Campus credit is not acceptable as part of the residence requirements of the Bachelor of Science degree.
- 8. An application for graduation is required of each student of all divisions who will complete the requirement for the Bachelor of Science or Master of Science degree. This application must be filed with the Registrar before November 1 if graduation is expected in January or June of the academic year; it must be filed before the close of Summer Session if requirements are to be completed by that time. The College assumes no responsibility for the graduation of students who omit this application procedure.
- 9. The right is reserved to make any necessary alterations in the course offerings listed in this catalog without notice.
- 10. Any students who have questions relative to courses, requirements or other matters pertaining to extension work, should write to R. E. Albright, Director of Extension, New York State College for Teachers, Buffalo 22, N. Y.
- * Exceptions will be made in some cases essential for meeting graduation requirements.

GRADUATE DIVISION—EXTENSION SESSION 1954-1955

1. Graduate Curricula:

Graduate courses leading to the Master of Science degree are offered during Summer Session and in Extension classes both on campus and at off-campus points. Graduate majors can be taken in Art Education, Education for Exceptional Children. Flementary Education, Home Economics Education, and Industrial Arts Education.

2 Graduate work limited to Summer Session and Extension Department.

At present no graduate work is 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:

Applicants meeting the following requirements are eligible for admission in the Graduate Division.

- A. The applicant holding an approved Bachelor's Degree and eligible to teach in the elementary field or in the field of specialization.
- (An approved Bachelor's Degree is one granted by):

 1. A teachers college accredited by the American Association of College for Teacher Education.
- 2. A teachers college, college, or university accredited by the appropriate regional
- accrediting agency.

 3. A college accredited or approved by the state board of education or the state university in its state.

(Students possessing Bachelor's degrees not in this approved category may be admitted conditionally to graduate courses).

- B. An applicant holding an elementary education certificate in another state. (Completion of Master's degree requirements does not guarant'e New York State certification. The applicants should secure an evaluation of credits and a statement of prescribed work necessary for certification from the Certification Division, State Education Department at Albany, New York). As far as possible graduate work at the college will be planned to supplement any course inadequacies.
- C. An applicant having demonstrated ability for graduate work as measured
- Undergraduate scholastic average of 2.3 higher. (Exceptions granted in extenuating circumstances by the Director of the Graduate Division.)
 An acceptable teaching record (testified by a confidential statement from the administrator of the school wherein employed).
 Recommendations concerning academic and personal qualifications from three persons in a position to make valid statements.

4. Admission Procedures:

- A. Complete admission blank available from Director of Graduate Division with data required.
- B. Return blank and data before May 1, for registration in Summer Session, before September 1st for registration in first semester, and before January 1st for registration in second semester Extension program.
- C. Provide official transcript from college which granted degree, (not necessary for graduates of this college).

5. Admission to Candidacy:

Filing an application for admission to candidacy is the personal responsibility of each admitted student after he has completed a minimum of six hours. He must apply for candidacy at the completion of twelve hours.

- Admission to candidacy depends upon:

 A. A cumulative average of "B" in courses presented for graduate credit. No work of "D" grade will be accepted.
 - B. 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.
 - C. 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.

6. Requirements for the Master of Science Degree:

A. The Master of Science degree requires the completion of thirty-two semester hours of graduate study.

B. 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. This period of time may be shortened by attendance in the classes of the Extension department.

C. No graduate student, 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 this college 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.

D. Credit will be withheld for courses completed in another college or university more than seven years prior to registration in the Graduate Division. A candidate shall satisfy all the prescribed requirements within six years from the date of admission.

E. The Graduate Division has established the following residence requirements applicable to all courses submitted as part of the graduate program. Twelve semester hours are the maximum non-residence courses that will be approved if the candidate is a graduate of this College. Eight semester hours of non-residence courses is the maximum that will be approved if he is a graduate of another college. In all cases, however, such graduate study must be similar in scope and content 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 satisfy the requirements for residence when it is offered on the campus of the 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 course in residence.

7. Special Students:

Students not intending to apply for admission to candidacy may register for courses in the Graduate Division limited to a total of 12 hours.

8. Registration Fees:

Graduate Division fees are \$12.50 per credit hour.

9. Elementary Teaching Certification for Liberal Arts College Graduates:

To help relieve 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 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 planned so that college graduates may register in the Graduate Division for certain specified Saturday Extension courses and Summer Sessions. Completion of prescribed courses in a Summer Session will entitle the college graduate to a renewable certificate valid for one year. Additional renewals will be granted upon evidence of continued summer session study and satisfactory teaching.

For students wishing to complete the requirements for the Master of Science degree, 6 hours of graduate study, elected under the guidance of the Graduate Division of the College, will be required in addition to the 26 hours of required courses in Elementary Education. Regulations relating to admission to candidacy stated in paragraph 5 must be followed. 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	3 Sem. Hrs.
Seminar in Elementary School Problems) Sciii. 1113.
(Emphasis on Science, Mathematics and Language Arts)	
Music and Art in Elementary Education	3 Sem. Hrs.
Music and Art in Elementary Education	
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.
Seminar in Elementary Education	
Electives	4 Sem. Hrs.
Electrics	_
	30

Kindergarten-Primary Group

Kindergarten-Primary Group	
Workshop in Elementary Education (Summer Session only) Kindergarten Education Psychology of the Pre-School Child Seminar in Elementary School Problems (Emphasis on Language Arts, Science, Mathematics)	8 Sem. Hrs. 3 Sem. Hrs. 3 Sem. Hrs. 3 Sem. Hrs.
Music and Art in Elementary Education Workshop in Child Development (Summer Session only) Electives	3 Sem. Hrs. 6 Sem. Hrs. 4 Sem. Hrs.
	_
	30

WORKSHOP IN SPANISH FOR ELEMENTARY SCHOOL TEACHERS

Recognizing the values in teaching Spanish to elementary school children, the Extension Division offers this graduate workshop to teachers in the elementary school on Saturday mornings of its 1954-1955 schedule.

The work will progress through three related areas:

- The Language, building vocabularies, improving pronunciation, developing conversational ability.
- 2. The Civilization, presenting major currents of Spanish and Spanish-American culture—customs, traditions, arts, music, dances, etc.
- 3. Methods and Techniques, motivating children through the media of dramatics, dancing, singing, playing games and wearing costumes.

The workshop, proceeding through group discussions and individual conferences, will make extensive use of recently developed audio-visual materials and equipment such as tape recorders, disc recordings, slides, and motion pictures. No previous foreign language background is required for registration.

GRADUATE CURRICULA

(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.

32

Total credit requirements: 32 semester hours.

(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 Seminar in Home Economics Ed. required Workshop in Home Economic Ed.	10 Hours maximum 3 Sem. Hrs. 3-6 Sem. Hrs.
	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	A-6 Sem Um

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.

* 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.

(3) INDUSTRIAL ARTS EDUCATION

1.	Advanced Technical Courses a. Specialization in Shop Laboratory b. Workshop in Industrial Arts Education c. Seminar in Industrial Arts Education d. Field Studies in Industrial Areas	12	Hours maximum 2-4 Sem. Hrs. 2-4 Sem. Hrs. 2-4 Sem. Hrs. 3-6 Sem. Hrs.
2.	Advanced Courses dealing with Problems Related to Industrial Arts *a. Research techniques, project, or Master's thesis b. Workshop in Industrial Arts Education c. Contemporary Labor Problems and Legislation d. Occupational Activities for the Handicapped e. Electives by advisement (in substitution for b, c, and		Hours maximum 2-6 Sem. Hrs. 2-4 Sem. Hrs. 2-4 Sem. Hrs. 2-6 Sem. Hrs. 2-6 Sem. Hrs.
	Advanced Courses in the General Areas	10	Hours minimum 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
	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, Graph			Sem. Hrs.
Art 508.	Graduate Studio in Design and Spatial Organ	ization	2-6	Sem. Hrs.
Art 509.	Graduate Studio in Crafts			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			
	(4hrs.) or Art 525 Master's thesis (6 hrs	.)	2-6	Sem. Hrs.
Graduate	Courses in the Practical Arts for which the			
student	s are qualified		2-6	Sem. Hrs.
a Cardinata	Courses in Poleted Fields 10	Sam	Hec	marimum

4.	Graduate	Courses in Related Fields.	o sem.	1112.	maxii	шиш
	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.
		Special Study		2-4	Sem.	Hrs.
	*Ed. 575.	Research Techniques (2 hrs.), Art 550 Pro				
		(4hrs.) or Art 525 Master's thesis (6 l	nrs.)		Sem.	
	Graduate	Courses in Psychology and Education		2-6	Sem.	Hrs.

10 Sem. Hrs. Minimum 3. General Education Graduate Electives: 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 interpretations 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	,		
Ed.Ex. 511. Seminar in Education of Mentally	6	Sem. I	Hrs.
Retarded Children	2	C	
Ed.Ex. 521. Guidance of Mentally Retarded Children	2	Sem. I	Hrs.
*Ed.Ex. 541. Psychology of Exceptional Children	2	Sem. I Sem. I	HITS.
Ed. 575. Research Techniques (2 hrs.), Ed.Ex. 525 550 Project (4 hrs) or Ed.Ex. 525			
Master's thesis (6hrs.) English and/or Social Studies as required by	2-6	Sem. I	Hrs.
Graduate Division	6	Sem. I	U
Academic elective as prescribed by the Graduate Division	6	Sem I	Hen
Unrestricted electives	2-6	Sem. I	Hrs.
B. Education of Orthopedically Handicapped Children:			
Ed.Ex. 502. Workshop in Education of Orthopedically			
Handicapped Children	6	Sem. 1	Н
Ed.Ex. 512. Seminar in Éducation of Orthopedically		ouni, i	r 112'
Handicapped Children	2	Sem. 1	Hrs
Ed.Ex. 522. Guidance of the Orthopedically Handicapped	2	Sem. I	Hee
*Ed.Ex. 541. Psychology of Exceptional Children	2	Sem.]	Hrs
Ed. 575. Research Techniques (2 hrs.), Ed.Ex. 525			
550 Project (4hrs), or Ed.Ex. 525			
Master's thesis (6 hrs.) English and/or Social Studies as required by			
Graduate Division	6	C 1	
Academic electives as prescribed by the Graduate Division	6	Sem. I	Hrs
Unrestricted electives	2-6	Sem. 1	HIS
Cartotateled electros	2-0	Selli.	LILS
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. 525			
550 Project (4hrs), or Ed.Ex. 525		-	
Master's thesis (6 hrs.)	2-6	Sem.	Hrs
English and/or Social Studies as required by Graduate Division		Sem.	
Academic electives as prescribed by the Graduate Division Free electives	26	Sem.	Hrs
Tice electives	2-4	Sem.	HIS

^{*} 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.

D. Education of Hard of Hearing Children.+

E. Education of Partially-sighted Children.+

(6) INTENSIVE TEACHER TRAINING PROGRAM

See information on pages 4 and 5

EXTENSION DIVISION SCHEDULE

(Saturday—Tuesday—Wednesday)

GRADUATE DIVISION CLASSES

1954-1955

First Semester

Saturday morning: 9:00 A.M11:40 A.M. (3 hours credit) Art 505x, Seminar in Art Education
* Open to Graduates and Undergraduates with consent of instructor. † Observation periods to be arranged.
Saturday morning: 9:00 A. M10:40 A.M. (2 hours credit) Art 509x, Graduate Studio in Crafts (or 3 hours credit: 9:00-11:40 A.M.)

Art 509x, Graduate Studio in Crarts
(or 3 hours credit: 9:00-11:40 A.M.)
El.Ed. 533x, Workshop in Audio-Visual Aids
El.Ed. 575x, Research Techniques
Eng. 506x, Modern Drama
H.Ec. 500x, Seminar in Home Economics EducationMrs. Hamilton
I.A. 500x, Workshop in Industrial Arts Education
I.A. 517x, Electronics
Sci. 523x, Science in Transportation
S.S. 502x, U. S. and Its Inter-American Relations

Saturday morning: 10:50 A.M12:30 P.M. (2 hours credit)	
*Ed.Ex. 533x, Seminar in Speech Pathology	Miss Gallaghe
El.Ed. 508x, Supervision of Student Teaching	Dr. Stee
FI Ed. 575x, Research Techniques	Dr. Hertzberg
I.A. 502x, Field Studies Related to Industrial Arts	Mr. Brossman
I.A. 512x, Workshop in Textiles	
I.A. 513x, Workshop in Ceramics	
Math. 500x, Mathematics in the Elementary School	Dr. Rodney
Sci. 501x, Field Studies in Science	Dr. Sengbusch
S.S. 509x, Local History Research and Techniques	Dr. Rapp
- 1 (

Tuesday afternoon: 4:20 P.M6:00 P.M. (2 hours credit)	
*Ed.Ex. 538 Understanding the Problem Child	Cutter
(Class limited to 15) (Guidance Center)	

Tuesday evening: 6:30 P.M9:10 P.M. (3 hours credit)
Art 508x, Graduate Studio in Design
Art 510x, Graduate Studio in Photography
(Class limited to 15)
El.Ed. 506x, Philosophy of Education
Eng. 518x, Major American Poets
S.S. 501Ax, Studies in 20th Century European History

*S.S. 514x, Workshop in Human Relations	Wednesday afternoon:	4:20 P.M6:00 P.M. (2 hours credit)	

^{*}Open to Graduates and Undergraduates with consent of instructor.

[†] 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, State University College for Teachers, Buffalo 22, N. Y., for further information.

Second Semester

Saturday morning: 9:00 A.M11:40 A.M. (3 hours credit)
*Art 507x, Graduate Studio in Painting. Art 512x, Graduate Studio in Sculpture. (Art 507x and Art 512x may be registered for 2 hours credit: 9:00-10:40 A.M.) El.Ed. 501x, Seminar in Elementary Education. Dr. Lange El.Ed. 503x, Organization of the Elementary School El.Ed. 511x, Music and Art in Elementary Education. Mrs. Heyman (I.T.T.P. students only) Mr. Bailey
Saturday morning: 9:00 A. M10:40 A.M. (2 hours credit)
*Art 507x, Graduate Studio in Painting. Art 512x, Graduate Studio in Sculpture (Art 507x and Art 512x may be registered for 3 hours credit: 9:00-11:40 AM) Ed.Ex. 522x, Guidance of Exceptional Children. El.Ed. 521x, Elementary School Curriculum. Dr. Milanovich El.Ed. 575x, Research Techniques Eng. 511Bx, Prose of the Victorian Period. Dr. Gragg H.Ec. 511x, The Teaching of Family Relations. Dr. Stewart I.A. 501x, Seminar in Industrial Arts Education. Dr. Neuthardt I.A. 519x, New Methods and Techniques in Woodworking. Dr. Callan I.A. 523x, Industrial Arts in the Elementary School Sci. 503x, Ecology Dr. Urban S.S. 515x, American Colonial History Dr. Robison
Saturday morning: 10:50 A.M12:30 P.M. (2 hours credit)
*El.Ed. 516x, Methods and Materials in the Elementary School El.Ed. 575x, Research Techniques
I.A. 521x, New Methods and Techniques in Metal WorkDr. Fontana S.S. 519x, Studies in Local GovernmentDr. R. Brown H.Ec. 518x, Homemaking in Special EducationMrs. Hamilton Mrs. Smerka
Tuesday afternoon: 4:20 P.M6:00 P.M. (2 hours credit)
*Ed.Ex. 513x, Seminar in Speech Science
*Ed.Ex. 541x, Psychology of Exceptional Children
Tuesday evening: 6:30 P.M9:10 P.M. (3 hours credit) Art. 510x, Graduate Studio in Photography (Class limited to 15). Dr. Truesdale Art 511x, Art in the Elementary Curriculum
Wednesday afternoon: 4:20 P.M6:00 P.M. (2 hours credit)
*S.S. 514x, Workshop in Human Relations
* Open to Graduates and Undergraduates with the consent of instructor.

UNDERGRADUATE COURSE OFFERINGS

1954-1955

(Additional classes will be organized if need arises)

First Semester

That Semester
Saturday morning: 9:00 A. M10:40 A.M. (2 hours credit) Art 406x, Creative Arts Workshop
Eng. 403x, Short Wittings or Fig. 403x, Creative Writing Miss Norenburg Sci. 208x, Physical Science II.
S.S. 305x, American History 1789-1865
Saturday morning: 10:50 A.M12:30 P.M. (2 hours credit)*Ed.Ex. 533x, Seminar in Speech Pathology.Miss GallagherEng. 345x, Radio and Television in Education.Mr. SmithGeog. 302x, Geography of North America.Miss LauxS.S. 426x, Contemporary Economic Problems.Dr. HeinS.S. 428x, History of Canada.Dr. Robison
Tuesday afternoon: 4:20 P.M6:00 P.M. (2 hours credit) *H.Ec. 518x, Homemaking in Special Education
Wednesday afternoon: 4:20 P.M6:00 P.M. (2 hours credit)
*S.S. 514x, Workshop in Human Relations
Second Semester
Saturday morning: 9:00 A. M10:40 A.M. (2 hours credit) *Art 507x Studio in Painting

Second Semester
Saturday morning: 9:00 A. M10:40 A.M. (2 hours credit)
*Art 507x, Studio in Painting
Eng. 349x, Speech Activities in the Elementary School. Miss Piquette Math. 102x, General Mathematics. Mr. Cherkauer S.S. 310x, The Far East. Mr. Rogers
Saturday morning: 10:50 A.M12:30 P.M. (2 hours credit)

Saturday morning: 10:50 A.M12:50 P.M. (2 nours credit)
Art 400x, Workshop in Crafts
Eng. 407x, Romantic Movement
Sci. 305x, Zoology
S.S. 417x, Juvenile Delinquency
1,
Tuesday afternoon: 4:20 P.M6:00 P.M. (2 hours credit)
*Ed.Ex. 513x, Seminar in Speech Science

*Ed.Ex. 513x, Seminar in Speech Science	
Wednesday afternoon: 4:20 P.M6:00 P.M. (2 hours credit) *S.S. 514x, Workshop in Human Relations	

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

^{*} Open to Undergraduates with consent of instructor.

PROPOSED GRADUATE DIVISION CLASSES+

1955-1956

First Semester

Saturday morning: 9:00 A.M11:40 A.M. (3 hours credit) Art 508x, Graduate Studio in Design and Spatial OrganizationDr. Hubler Art 509x, Graduate Studio in Crafts El Ed. 501x, Seminar in Elementary EducationDr. Crayton El Ed. 504x, Administration of the Elementary SchoolDr. MacVittie El Ed. 510x, Seminar in Elementary School ProblemsMiss Concannon (I.T.T.P. Students only)Miss M. Prat
Saturday morning: 9:00 A.M10:40 A.M. (2 hours credit) Art 508x, Graduate Studio in Design and Spatial OrganizationDr. Hubler Art 509x, Graduate Studio in Crafts. *Ed.Ex. 520x, Speech Correction for Elementary TeachersMiss Gallagher El.Ed. 533x, Workshop in Audio-Visual EducationDr. Smay El.Ed. 575x, Research TechniquesDr. Penn I.A. 503x, Guidance Seminar on Life Adjustment EducationDr. Russell I.A. 517x, ElectronicsMr. Cook I.A. 526x, Applied Industrial DesignMr. Steffen Math 500x, Mathematics of the Elementary School. S.S. 501Bx, Studies in 20th Century European History: The Soviet Union Dr. Mason
Saturday morning: 10:50 A.M12:30 P.M. (2 hours credit) El.Ed. 575x, Research Techniques
Tuesday afternoon: 4:20 P.M6:00 P.M. (2 hours credit) *Ed.Ex. 535x, Mental Measurements
Tuesday evening: 6:30 P.M8:10 P.M. (2 hours credit) Art 504x, Art in Human Affairs
Tuesday evening: 6:30 P.M9:10 P.M. (3 hours credit) Art 510x, Graduate Studio in Photography (Class limited to 15)Dr. Truesdale Art 511x, Art in Elementary Curriculum. Ed. 506x, Philosophy of Education
Wednesday afternoon: 4:20 P.M6:00 P.M. (2 hours credit) *S.S. 514x, Workshop in Human Relations
* Open to Undergraduate students with consent of the instructor. † See 1955-56 Extension Bulletin to be published August 1955 for final listing of all Extension Courses.

Second Semester

Saturday morning: 9:00 A.M11:40 A.M. (3 hours credit)
Art 507x, Graduate Studio in Graphic Arts
Art 512x, Graduate Studio in Sculpture. El.Ed. 501x, Seminar in Elementary Education. Mrs. Heyman
Fl.Ed. 511x, Music and Art in Elementary Education.
El.Ed. 530x, Principles of Supervision
Saturday morning: 9:00 A.M10:40 A.M. (2 hours credit)
Art 508x, Graduate Studio in Graphic Arts Art 512x, Graduate Studio in Sculpture. Mr. Dakin Ed. 505x, Evaluation Techniques.
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Ed. 519x, Applied Mental Hygiene. Ed. 575x, Research Techniques.
- rader Dealtem in American Liferature
I.A. 501x, Seminar in Industrial Arts Education
Dr. Callan
I.A. 523x, Industrial Arts in the Elementary School
Saturday morning: 10:50 A.M12:30 P.M. (2 hours credit)
Ed. 575x, Research Techniques Dr. Martorana Eng. 505x, Studies in the Novel Dr. Gragg
Geog 501x Studies in Industrial Geography
1 A 521 v New Methods and Techniques in Metal workingDr. Fontana
I.A. 524x, Evaluation and Testing in Industrial Arts. *Sci. 500x, Science in the Elementary Curriculum.
Tuesday afternoon: 4:20 P.M6:00 P.M. (2 hours credit) *Ed.Ex. 511x, Seminar in Education of Mentally Retarded Children
*Ed.Ex. 511x, Seminar in Education of Mentally Retarded Children
*Ed.Ex. 523x, Applied Phonetics
Tuesday evening: 6:30 P.M9:10 P.M. (3 hours credit)
Art 501x, Workshop in Art Education.
Art 510x, Graduate Studio in Photography (Class limited to 15)Dr. Truesdale Ed. 527x, Problems in the Educational Service of Young Children. Miss Jamison
Fng. 521x. Studies in Modern British Poetry
S.S. 513x, Social and Intellectual History of the United StatesMr. Weaver
Wednesday afternoon: 4:20 P.M6:00 P.M. (2 hours credit)
*S.S. 514x, Workshop in Human Relations
*Open to Graduates and Undergraduates with the consent of the instructor. †See 1955-56 Extension Bulletin to be published August 1955 for final listing of all Ex-
† See 1955-56 Extension Bulletin to be published August 1955 for final listing of all Ex-

*Open to Graduates and Undergraduates with the consent of the instructor. †See 1955-56 Extension Bulletin to be published August 1955 for final listing of all Extension Courses.

PROPOSED UNDERGRADUATE COURSE OFFERINGS

1955-1956

(Additional classes will be organized if need arises)

First Semester

Saturday morning: 9:00 A.M10:40 A.M. (2 hours credit) *Ed.Ex. 520x, Speech Correction for Elementary Teachers Miss Gallagher Eng. 408x, The Short Story Miss Norenburg Sci. 231x, Physics. or Sci. 232x, Chemistry S.S. 225x, Historical Influences on Modern Society Mr. E. Brown
Saturday morning: 10:50 A.M12:30 P.M. (2 hours credit) Geog. 407x, Conservation of National Resources
Tuesday afternoon: 4:20 P.M6:00 P.M. (2 hours credit) *Ed.Ex. 533x, Mental Measurements
Wednesday afternoon: 4:20 P.M6:00 P.M. (2 hours credit) *S.S. 514x, Workshop in Human Relations
* Open to Graduates and Undergraduates with the consent of the instructor. † See 1955-56 Extension Bulletin to be published August 1955 for final listing of all Extension Courses.
Second Semester
Second Semester Saturday morning: 9:00 A.M10:40 A.M. (2 hours credit) Eng. 204x, Modern Drama
Saturday morning: 9:00 A.M10:40 A.M. (2 hours credit) Eng. 204x, Modern Drama
Saturday morning: 9:00 A.M10:40 A.M. (2 hours credit) Eng. 204x, Modern Drama
Saturday morning: 9:00 A.M10:40 A.M. (2 hours credit) Eng. 204x, Modern Drama

GRADUATE DIVISION COURSES

These courses include the graduate offerings from 1953 through 1956 as indicated.

Key

- * Offered in Extension 1953-54
- + Offered in Extension 1954-55
- ‡ Proposed offerings for 1955-56

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'55-'56	'54-'55	'53-'54		
#			Art 501x	Workshop in Art Education
‡			Art 504x	Art in Human Affairs
	+	*	Art 505x	Seminar in Art Education
#	+	*	Art 507x	Graduate Studio in Drawing, Painting, Graphic Arts
‡	+	*	Art 508x	Graduate Studio in Design and Spatial Organization
+	+	*	Art 509x	Graduate Studio in Crafts
+	+	*	Art 510x	Graduate Studio in Photography
1	+	*	Art 511x	Art in the Elementary Curriculum
‡ ‡ ‡ ‡ ‡	+	*	Art 512x	Studio in Sculpture
#	+	*	Ed.Ex. 511x	Seminar in Education of Mentally Retarded Children
	+		Ed.Ex. 513x	Seminar in Speech Science
#		*	Ed.Ex. 520x	Speech Correction for Elementary School Teachers
	+		Ed.Ex. 522x	Guidance of Exceptional Children
‡			Ed.Ex. 523x	Applied Phonetics
	+	*	Ed.Ex. 533x	Seminar in Speech Pathology
#			Ed.Ex. 535x	Mental Measurements
	+		Ed.Ex. 538x	Understanding the Problem Child
#	+		Ed.Ex. 541x	Seminar in Psychology of Excep- tional Children
#	+	*	El.Ed. 500x	Workshop in Elementary Education (Summer Session only)
‡	+	*	El.Ed. 500Ax	Workshop in Elementary Education (I.T.T.P.) (Summer Session only)
#	+	*	El.Ed. 501x	Seminar in Elementary Education
	+	*	El.Ed. 503x	Organization of the Elementary School
#			El.Ed. 504x	Administration of the Elementary School
#			El.Ed. 505x	Evaluation Techniques
#		*	El.Ed. 506x	Philosophy of Education
	+		El.Ed. 508x	Supervision of Student Teaching
‡	+	*	El.Ed. 510x	Seminar in Elementary School Problems (I.T.T.P.)
‡	+	*	El.Ed. 511x	Music and Art in Elementary Education (I.T.T.P.)
‡	+	*	El.Ed. 512x	Seminar in Child Development (I.T.T.P.) Summer Session only)
	+		El.Ed. 516x	Methods and Materials in the Ele- mentary School
#			El.Ed. 519x	Applied Mental Hygiene
	+		El.Ed. 521x	Elementary School Curriculum
‡	+	*	El.Ed. 527x	Problems in Educational Services for Young Children
#		*	El.Ed. 530x	Principles of Supervision
	+		El.Ed. 531x	Supervision of Teaching
‡	+	*	El.Ed. 533x	Workshop in Audio-Visual Aids
‡	+	*	El.Ed. 575x	Research Methods and Techniques

'55-'56	'54-'55	'53-'54		
# # # #	†	*	Eng. 502x Eng. 505x Eng. 506x Eng. 507x Eng. 509x	Studies in American Literature Studies in the Novel Modern Drama The Modern Novel Studies in the Prose and Poetry of Milton
	+	*	Eng. 511Bx Eng. 512Cx	Prose of the Victorian Period The Literature of Continental Europe—Nineteenth Century
‡ ‡	† †	*	Eng. 518x Eng. 520x Eng. 521x Eng. 522x Eng. 524x	Major American Poets Shakespearean Tragedy Studies in Modern British Poetry Studies in Modern American Poetry Realism in American Literature
#	†		Geog. 501x Geog. 502x	Studies in Industrial Geography Map Interpretation for Teachers
	+ + +	*	H.Ec. 500x H.Ec. 503x H.Ec. 504x H.Ec. 511x H.Ec. 518x	Seminar in Home Economics Edu- cation Family Relationships Problems in Foods and Nutrition The Teaching of Family Relations Home Making in Special Educa- tion
#	+	*	I.A. 500x	Workshop in Industrial Arts Edu-
#	+	*	I.A. 501x	Seminar in Industrial Arts Educa-
#	+	*	I.A. 502x	Field Studies Related to Industrial Arts Education
#	+	*	I.A. 503x I.A. 512x	Guidance Seminar in Life Adjust- ment Education Workshop in Textiles
	†	*	I.A. 513x I.A. 514x	Workshop in Ceramics Techniques and Devices for Shop Laboratory
‡	†	*	I.A. 517x I.A. 519x	Electronics Workshop: New Methods and Techniques in Woodworking
‡	+	*	I.A. 521x	New Methods and Techniques in Metalworking
‡	+		I.A. 526x I.A. 523x	Applied Design Industrial Arts in the Elementary School
#			I.A. 524x	Evaluation and Testing in Indus- trial Arts
#	+	*	Math. 500x	Mathematics of the Elementary School
#		*	Sci. 500x	Science in the Elementary Curriculum
‡	+	*	Sci. 501x Sci. 503x	Field Studies in Science Ecology
		*	Sci. 504x Sci. 505x Sci. 509x	Science Camp (Summer Session only) Conservation Workshop Recent developments in science as
	+		Sci. 523x	applied to Home Economics Science in Transportation
	+		Span. 500x	Workshop in the Teaching of Spanish in the Elementary Grades

'55-'56	'54-'55	'53-'54		
	+		S.S. 501Ax	Studies in Twentieth Century European History
#			S.S. 501Bx	Germany—The Soviet Union
,	+		S.S. 502x	U. S. and Its Inter-American Re-
		*	S.S. 503x	History of Political Theory
		*	S.S. 504x	History of the American Frontier
		*	S.S. 506x	Minority Groups in American Culture
	†		S.S. 509x	Local History: Research Methods and Techniques
	+	*	S.S. 511X	Problems in Contemporary England
		*	S.S. 513x	Social and Intellectual History of the United States
	+	*	S.S. 514X	Workshop in Human Relations
	+	*	S.S. 514Ax	Advanced Workshop in Human Relations
		*	S.S. 515x	Colonial History of the United States
		*	S.S. 518x	European Political Movements
#			S.S. 519x	Local Government and Politics
	+		S.S. 520x	Studies in Local Government
	+		S.S. 521x	Contemporary Social Problems

OFF-CAMPUS EXTENSION

Inquiries have been received to date (July 1, 1954) concerning off-campus courses as follows:

Batavia Elma Hamburg	
Lockport Newfane	Language Arts; Child Development
Niagara Falls	Personality Adjustment;
	Mathematics in the Elementary School.
Oakfield	Studies in American Literature
Orchard Park	Reading in the Elementary Grades
Tonawanda	Art in the Elementary Grades

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 of off-campus courses.

