# EARLY CHILDHOOD & CHILDHOOD EDUCATION

Phone: (845) 257-2860

Location: Old Main Building 115

Web address: www.newpaltz.edu/elementaryed

Early Childhood & Childhood Education is a four-year Bachelor of Science program that prepares students for careers as teachers of children from birth through grade six. Graduates of the program are qualified to receive dual certification, i.e., teaching certification in both Early Childhood Education (B-2, birth through grade two) and Childhood Education (1-6, grades one through six). To obtain these certifications, students must complete the program and pass all required New York State Teacher Certification Examinations.

Teacher candidates learn the skills required to work effectively with children from different backgrounds and in different settings, including developmentally appropriate teaching practices and curriculum planning. A thorough grounding in child development is part of the program, as is an understanding of a balanced approach to teaching literacy. The program further emphasizes a mastery of mathematics, social studies, and science appropriate to the elementary school years. Throughout the curriculum, we promote an interdisciplinary approach to teaching and learning in the elementary classroom. This is a rigorous program that requires extensive field experiences in sites chosen for their appropriateness by the Office of Field Experiences' coordinator. Candidates are responsible for their own transportation to field sites and cannot expect to have sites close to the New Paltz campus or their homes. All efforts are made to find sites within one hour of the New Paltz campus.

## Notice to Persons Who Have Prior Felony Convictions

State University of New York (SUNY) policy prohibits SUNY New Paltz admission applications from inquiring into an applicant's prior criminal history. Students who have previously been convicted of a felony are advised that their prior criminal history may impede their ability to complete the requirements of certain academic programs and/or to meet the licensure requirements for certain professions, including the program in Early Childhood and Childhood Education.

Individuals with prior criminal histories are advised to seek advice and guidance from the chair of the academic department regarding the impact of a criminal record on meeting the requirements of the major/professional licensure or certification prior to declaring the major.

# Program Requirements (effective Spring 2025)

- Students may declare a major in Early Childhood & Childhood Education during their first year. Those who enter the program at a later point may need more than eight semesters to graduate.
- Students must choose an academic concentration, some of which have their own entrance criteria.
- Students must meet the following requirements (assessed at three different checkpoints) to continue in the program:
  - 3.0 GPA overall; 2.5 GPA in academic concentration
  - 3-4 credits in Writing and Rhetoric (1 composition courses)
    with a grade of B or better; minimum B- or S for required
    EED and SPE courses; minimum C for required foundation
    courses (EDS340 Sociological and Philosophical Foundations

of Education, EDS371 Child Psychology and Development, MAT140 Mathematics for Elementary School Teachers I, MAT240 Mathematics for Elementary School Teachers II, GEO202 Physical Geography, world language); and minimum C- for required concentration courses.

- 30 hours of independent fieldwork (classroom observations; paid or volunteer work with children in schools, camps, daycare centers; coaching, tutoring, etc.)
- · Fingerprints on a NYS TEACH account
- Completion of <u>State-mandated workshops</u> (Child Abuse Identification, SAVE, DASA, Health & Safety Education. Health & Safety training consists of four video modules, included in EDI095 Training in Health & Safety Education.)
- Satisfactory dispositions assessments and "target" or "proficient" lesson/unit planning skills.

# **Transfer Students**

Due to the highly structured and sequenced nature of the Early Childhood & Childhood Education (B-6) program, students who intend to transfer to New Paltz must plan their transfer coursework carefully. Several General Education requirements should be fulfilled under advisement by specific courses that also serve as education foundation courses. Students in an AA/AS degree program should complete all, or nearly all, New Paltz education foundation courses prior to transfer, so that upon matriculation at New Paltz they may begin junior-year education methods courses.

# Early Childhood/Childhood Education (BS) Program Learning Outcomes

Candidates who successfully complete all required components of the Early Childhood/Childhood Education (B-2 and 1-6) program will know and be able to demonstrate:

- Critical Thinking and Intellectual Development: Identify, analyze, and
  evaluate different methods of planning, assessing, and teaching in
  order to develop well-reasoned arguments that support pedagogical
  decisions. Also demonstrate an appropriate level of proficiency
  in written and oral communication, critical thinking and analytical
  mathematical and scientific reasoning.
- Content Knowledge:Demonstrate an awareness and understanding
  of the teaching profession, articulate a developing philosophy of
  education that incorporates an understanding of relevant theories
  and models of education and mastery of knowledge and skills in a
  chosen content area of academic concentration.
- Planning:Be able to plan lessons in early childhood/childhood education that are standards-based, clear and organized, rely upon a variety of developmentally appropriate instructional strategies and appropriate technologies, differentiate instruction in ways that provide opportunities to promote appreciation of diversity, tolerance, and inclusion in safe, democratic, and equitable learning environments.
- Assessment and P-12 Learning:Be able to select, design, and implement authentic and appropriate formative and summative assessments to evaluate student learning, consider assessment data when making instructional decisions, and identify effective or problematic teaching moments as they are occurring in order to

facilitate student growth in specified content, cognitive skills, and/or social-emotional skills.

- Fieldwork: Successfully complete three fieldwork placements; a minimum of 120 hours, aligned with appropriate methods courses, in preparation for student teaching, the program's capstone practicum experience.
- Pedagogical Practice: Demonstrate the ability to maximize student learning by incorporating content and pedagogical content knowledge, appropriate and effective technology, and a variety of developmentally and contextually appropriate evidence-based instructional strategies to make learning meaningful for students while teaching.
- Information Literacy: Use technology and basic research techniques in order to locate, evaluate, and synthesize best-practices concepts in content knowledge, planning, assessment, and pedagogical practice.
- Professional Skills and Dispositions: Exhibit the knowledge, skills, and dispositions necessary to practice an ethically informed and self-reflective philosophy, participate effectively in institutional change, and develop respectful relationships with students, families, communities and colleagues.
- Culturally Responsive Practice and Social Justice: Understand
  and apply practices that promote respect, inclusion and equity in
  teaching, learning, and student development based on social identity
  markers including, but not limited to, race, gender, class, sexual
  orientation, disability, language, religion, culture, national origin,
  epistemology, and family life.
- Democratic Citizenship and Student Advocacy: Respect education as a human right and a foundation to active inclusion and participation in public life and aspire to be agents of change in response to persistent barriers to equal educational opportunity.

# Early Childhood/Childhood Education (B-6) Coursework

The required coursework falls under three categories, listed below.

# A. Education Course Requirements

The sequence described below is for a full-time student; the program may be taken on a part-time basis, however.

# **Years One and Two**

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Code	Title	Credits
General Education	n requirements (see "C.," below)	
Liberal Arts major	(concentration) requirements (see "B.," below)	
World Language 1	& 2 (also fulfills General Education)	
MAT140	Mathematics for Elementary School Teachers I	3
MAT240	Mathematics for Elementary School Teachers II	1 3
GE0202	Physical Geography	3
EDS340	Sociological and Philosophical Foundations of Education	3
EDS371	Child Psychology and Development	3
EED370	Race, Class, Gender, and Social Justice in Teach	ning 3

EED415	The Development of Symbolic Representation,	3
	Language, and Literacy	
EED412	Preschool and Kindergarten Curriculum	3
EED371	Developmentally Appropriate Practices, Childhood	3

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Code	Title Cı	redits
General Education	n requirements	
Liberal Arts major	(concentration) requirements	
EED375	Teaching Reading in the Elementary School I	3
EED301	Fieldwork I (Pre-K-2) (40 hours) 1	1
SPE350	Creating Inclusive Elementary School Classrooms	3
EED380	Teaching Mathematics, Science and Technology i Elementary School	n 6
EED302	Fieldwork 2 (Math, Science & Technology Fieldwork) (20 hours)	1

## **Year Four**

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Code	Title	Credit	ts
Liberal Arts major	(concentration) requirements		
EED376	Teaching Reading/Language Arts in the Elementary School II		3
EED379	Teaching Social Studies in the Elementary Scho	ol	3
EED303	Fieldwork Experience 3 (60 hours)		1
EED404	Student Teaching, Primary Setting <sup>2</sup>		6
EED405	Student Teaching, Intermediate Setting <sup>2</sup>		6
EED406	Student Teaching Seminar		1

- All students are required to have a membership to the adopted assessment platform (Watermark). The cost of the membership is covered by a course fee that will be assessed when you register for EED301 Fieldwork I (Pre-K-2). Instructions for setting up your membership will be sent via email before the midpoint of the semester when you register for this class.
- Students must complete all coursework prior to Student Teaching and must meet the following requirements: overall GPA of at least a 3.0; B- or better in required EED and SPE courses; at least 2.5 GPA in the concentration; satisfactory dispositions assessment; and "target" or "proficient" lesson/unit planning skills.

# B. Approved Liberal Arts Majors

Students must complete an approved academic major (concentration). Transfer courses for which credit has been given and which are comparable to courses meeting major requirements or appropriate to an individualized major may be acceptable under advisement.

# **Majors for Early Childhood & Childhood Education (B-6) Students**The concentrations (majors) for Early Childhood & Childhood Education

The concentrations (majors) for Early Childhood & Childhood Education students are in direct accord with New York State Learning Standards.

These majors provide depth in a content area and a coherent sequence of courses with increased expectations of student performance. The courses are available to students in other programs of study as well as students in the Early Childhood & Childhood Education program.

# **Art History (B-6)**

30 credits

Code	Title	Credits	BLK370	Education in the Black Community	3
Required Course	es (24 Credits)		BLK396	Black English: Language and Culture	3
ARH201	Art of the Western World I	3	Focus (18 Credit		
ARH202	Art of the Western World II	3	-	quired to develop a focus by completing six courses	18
ARH358	Modern Art, 1900-1970	3		Historical Core or Language Arts Core	
ARH382	American Art	3	Historical Core:		
or ARH420	Art of the Hudson Valley		BLK200	Introduction To Africa	
ARS105	Intro to Studio Art	3	BLK201	Black History I	
Select one of th	e following:	3	BLK202	Black History II	
ARS110	Introduction to Ceramics		BLK231	Development of Afro-Latin Amer. Civilization	
ARS120	Introduction to Metal		DLIVOO	(1492-1825)	
ARS170	Introduction to Sculpture		BLK232	Contemporary Afro-Latin American Civilization Since 1825	
Select two cour	ses in Asian Art of the following:	6	BLK301		
ARH210	Images and Ideas Asian Art		BLK301	Survey of Pre-Colonial Africa to 1800	^
ARH340	The Arts of Early China		BLK3U2	Survey of Contemporary Africa: Nineteenth Cent t Present	0
ARH341	The Arts of Later China		BLK309	Introduction to Afro-Brazilian History	
ARH342	The Arts of Japan		BLK311	Blacks in the Caribbean, 1492-Present	
ARH343	Japanese Arts of the Edo Period		BLK325	History of Slavery in the Americas	
ARH344	History of Buddhist Art		BLK331	The American Civil Rights Movement	
ARH345	Art in Modern China		BLK347	History of South Africa	
ARH378	Sacred Spaces, Divine Images		BLK369	-	
ARH452	Chinese Painting: Figure in Landscape		BLK309	History of Terrorism Against Blacks and Native Americans	
Art History Elec	tives (6 Credits)		BLK401	Blacks in New York History	
Select 6 credits		6	BLK450	The Portuguese in Africa	
Total Credits		30	BLK460	West African Kingdoms in the Nineteenth Century	,
			BLK522	African/African-American History & Experiences	
Biology (B-6)			Language Arts (		
29-31 credits			BLK268	Survey of Black American Literature	
Code	Title	Credits	BLK269	Black Poetry and Drama	
Required Course	es (23 Credits)		BLK272	Rap and Spoken Word	
BIO201	General Biology I	4	BLK310	Blacks and the Media	
& BIO211	and Gen Bio 1 Lab		BLK315	Black and Latino Child Lit	
BIO202	General Biology II	4	BLK320	Contemporary Black American Literature	
& BIO212	and Gen Bio 2 Lab		BLK323	Black Poetry	
BIO320	Genetics	4	BLK328	Black Drama in America	
& BIO321	and Genetics Lab		BLK333	Black Rhetoric	
BIO340	Ecology	4	BLK412	Critical Analysis of Black American Literature	
BIO305	Plant Morphology	4	BLK415	Recurrent Themes in Black Literature	
or BIO307	Comparative Vertebrate Anatomy		BLK510	Contemporary Black Women's Literature	
Select one of th		3		Contemporary Black Women's Literature	
BIO301	Field Biology Fall		Total Credits		30
BIO412	Evolutionary Theory		Earth Science (G	eology) (B-6)	
BIO418	Animal Behavior		34-35 credits		
Electives (6-8 C	redits)		0-4-	Title	
Two (2) upper-d	ivision Biology electives	6-8	Code		redits
<b>Total Credits</b>		29-31	Cognate Course		0
Diook Canalina (D	<b>5</b> )		PHY205	Exploring the Solar System	3
Black Studies (B 30 credits	-0)		or PHY206	Exploring the Universe	
50 0. caito			CHE201	General Chemistry I	4
Code	Title	Credits	& CHE211	and General Chemistry I Lab	
Required Course	es (12 Credits)			s (27-28 Credits)  Weather and Environment	4
BLK100	Intro To Black Studies	3	GLG120	vveatilet and Environment	4
DL KOEZ	Davidadami afaha Dladi Obild	•			

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Psychology of the Black Child

BLK357

<b>Total Credits</b>	34-35	
One 300-level	3-4	
GLG331	Stratigraphy-Sedimentation	4
GLG311	Mineralogy and Crystallography	4
GLG305	Paleontology	4
GLG202	Historical Geology	4
GLG201 & GLG211	Physical Geology and Physical Geology Laboratory	4

# English (B-6)

31-33 credits

- · At least one-half of your courses for the English major must be completed at New Paltz.
- · Credits for Composition courses (ENG160 Composition I, ENG170 Writing and Rhetoric, ENG180 Composition II, ENG206 Advanced Writing and Rhetoric, ENG207 Intermediate Composition) are not included in the major requirement.
- Courses taken S\*/U\* or graded below C- cannot be counted toward the major.
- · Students who transfer 3-credit English courses considered equivalent to 4-credit English courses at New Paltz may need to take additional English electives to make up missing credits. All Childhood & Early Childhood Education students majoring in English must complete at least 31 credits.

Code	Code Title			
Literature Requi	rement (12 Credits)			
ENG303	Introduction to British Literature	4		
ENG333	Introduction to American Literature	4		
ENG353	Multiethnic and Diasporic Literature	4		
or ENG453	The Craft of Poetry			
Writing Requiren	nent (12-13 Credits)			
Select four of the	e following:	12-13		
ENG224	Expository Writing			
ENG226	Practical Grammar			
ENG300	Seminar in Critical Practices			
ENG345	Creative Writing Workshop I			
ENG385	Theories of Writing			
LIN201	Intro To Linguistics			
<b>Elective Courses</b>	Elective Courses (7-8 Credits)			

Select one of the following upper-division courses in literature before 3-4 1800

ENG355	The Bible
ENG356	Greek and Roman Literature
ENG404	Medieval Literature
ENG405	Elizabethan Literature
ENG406	Shakespeare I: Selected Works
ENG407	Shakespeare II: Selected Works
ENG408	Seventeenth-Century Literature
ENG413	Eighteenth-Century English Literature
ENG414	The Rise of the Novel
ENG435	Early American Literature
ENG470	Major Authors (if appropriate)
ENG493	English Selected Topics (if appropriate)

Select one 400-level course in English <sup>2</sup>	4
Total Credits	31-33

Note that ENG303 Introduction to British Literature is a prerequisite for most of these courses.

Excluding ENG420 Literary Criticism, ENG423 Contemporary Literary Theory, ENG445 Creative Writing Workshop II, ENG448 Writing the Novel, ENG451 Senior Seminar, ENG452 The Craft of Fiction, ENG453 The Craft of Poetry, ENG454 The Craft of Creative Non Fiction, ENG455 The Craft of Dramatic Writing.

## French (B-6)

30 credits

Code	Title	Credits			
<b>Required Cours</b>	Required Courses (30 Credits)				
FRN202	Intermediate French II <sup>1</sup>	3			
FRN301	Communication & Writing in French	4			
FRN302	Communication & Culture in French	4			
FRN319	French Civilization	4			
FRN320	Francophone Cultures	4			
FRN375	French Literature before 1800	4			
FRN376	Frnch/Franc Lit Aft 1800	4			
FRN3xx/4xx	Upper-division French elective	3			
Total Credits		30			

French Placement Level 3 or successful completion of basic language courses FRN101 Elementary French I, FRN102 Elementary French II and FRN201 Intermediate French I is required to advance to FRN202 Intermediate French II.

### Geography (B-6)

31-33 credits

Code	Title	Credits
Required Cours	ses (10 Credits)	
GEO201	Human Geography	3
GE0213	Economic Geography	3
GE0342	Digital Map Design	4
Fl (01 0	0.0	

### Electives (21-23 Credits)

Each major candidate is required to complete, by advisement, seven21-23 courses in geography selected from systematic and/or regional courses, at least five of which shall be at the 300-level or above.

**Total Credits** 31-33

#### History (B-6)

30-34 credits

- · You must have eighteen (18) upper-division credits from this plan of
- · All majors are required to write a 2-3 page "exit essay" as a requirement of graduation.
- · Grades below C- do not count toward the major.
- · All majors must take, with the approval of the adviser, at least one course 'pre-1500' and at least one course 'post-1500.'
- It is expected that at least one course will focus on race, gender, and ethnicity.

Code	Title	Credits
Required Cou	ırses (30-34 Credits)	
I. United Stat	es History:	
Select two (2	6-8	
II. World Hist	ory:	
Select four (4	12-14	
III. New York	State:	
Select one of the following:		3
HIS303	The Empire State	
HIS308	Indians of New York State	
HIS325	History of New York City	
HIS461	Hudson Valley Culture	
Or alternat	tive by advisement	
IV. Upper-Divi	ision History Electives:	
Select three (3) courses		9
<b>Total Credits</b>		30-34

You must take courses in at least two (2) geographic areas of the world outside of the United States - that is, Africa, Asia, Europe, South America, and the Caribbean.

# Mathematics (B-6)

32-34 credits

Code	Title	Credits		
Required Course	s (29-30 Credits)			
MAT140	Mathematics for Elementary School Teachers I	3		
MAT240	Mathematics for Elementary School Teachers I	I 3		
MAT241	Introduction to Statistics	3		
MAT251	Calculus I	4		
MAT252	Calculus II	4		
MAT260	Introduction to Proof	3		
MAT331	Axiomatic Geometry	3		
MAT304	Foundations of Algebra	3		
CPS104	Visual Programming	3-4		
or CPS210	Computer Science I: Foundations			
Upper-Division Mathematics Elective (3-4 Credits)				
Select 3-4 credits	S	3-4		
<b>Total Credits</b>		32-34		

# Political Science (B-6)

36 credits

Code	Title	Credits		
Required Courses (12 Credits)				
POL216	American Govt and Politics	4		
POL227	Intro International Politics	4		
POL229	Intro to Comparative Politics	4		
Upper-Division Electives (24 Credits)				
Select 24 credits <sup>1</sup>		24		
Total Credits		36		

No more than six credits of <u>POL480</u> Government Internship may be credited toward the upper-division electives.

# Spanish (B-6)

31 credits

Code	Title	Credits
Required Courses (31 Credits)		
SPA202	Intermediate Spanish 2 <sup>1</sup>	4
SPA301	Communication and Culture in Spanish <sup>2</sup>	4
SPA361	Communication and Writing in Spanish <sup>2</sup>	4
SPA365	The Culture and Civilization of Spain	4
SPA372	Culture of Latin America	4
SPA375	Survey of Spanish Literature	4
SPA376	Survey of Latin American Literature	4
Select one of the	3	
SPA363	Spanish Phonetics and Oral Practice	
SPA461	Advanced Spanish Composition	
SPA4xx	Spanish elective	
Total Credits		31

- Spanish Placement Level 3 or successful completion of basic language courses <u>SPA101</u> Elementary Spanish 1, <u>SPA102</u> Elementary Spanish 2 and <u>SPA201</u> Intermediate Spanish 1 is required to advance to <u>SPA202</u> Intermediate Spanish 2.
- Students whose home language is Spanish may substitute SPA315 Spanish for Native Speakers for either SPA301 Communication and Culture in Spanish or SPA361 Communication and Writing in Spanish.

# C. General Education Requirement

Early Childhood & Childhood Education students take selected course work under advisement to meet SUNY New Paltz's General Education requirement. Some General Education courses also fulfill prerequisites of the Early Childhood & Childhood Education program. See the Education Advisor (OM 115) to ensure that all curricular requirements are met.

# **Additional Requirements**

# **Assessment Platform**

All students are required to have a membership to the adopted assessment platform (Watermark). The cost of the membership is covered by a course fee that will be assessed when you register for <a href="EED301"><u>EED301</u></a> Fieldwork I (Pre-K-2). Instructions for setting up your membership will be sent via email before the midpoint of the semester when you register for this class.

# **Child Protection Policy**

The SUNY system-wide Child Protection Policy sets protocols and mandates for campuses to follow when SUNY has children in its care, custody, and control. To learn more about the CPP and its training modules, visit the <u>School of Education homepage</u>.

# **Fingerprinting**

All teacher candidates must be fingerprinted through MorphoTrust upon acceptance into an education degree program  $^1$ . We recommend that you complete this State-mandated process as soon as possible after you are admitted to the program. First, self-register to create a <u>TEACH Login Account</u>, then <u>make an appointment through Identogo</u>.

For detailed information about fingerprinting, see the <u>School of Education's certification guidance</u>. In addition, NYSED publishes <u>Fingerprint Frequently Asked Questions (FAQs)</u>.

# **Specialized Training and Workshops**

In addition to required coursework in education and a liberal arts major, specialized training and workshops are required for all New York State educator-preparation programs leading to an Initial Certificate. A summary of requirements for teacher certification in New York State is available on NYSED's Office of Teaching Initiatives' website. For guidance specific to New Paltz, see <a href="Education Program & Certification Advisor">Education Program & Certification Advisor</a> on the School of Education website.

You are advised to complete the following State-mandated workshops prior to your fieldwork placements.

- Child Abuse Identification Workshop: All candidates for teacher
  certification will complete a State-mandated two-hour training lecture
  on recognizing and reporting child abuse or neglect. Group sessions
  will be provided on campus, or students may take the training from
  social service agencies, community colleges, or BOCES. This is not
  a credit course and evidence of training must be documented on
  candidates' transcripts.
- Dignity for All Students Act (DASA) Training: All students will complete
  a six-hour training in the prevention of bullying and harassment.
  Training is provided periodically on campus or may be taken through
  BOCES or another approved provider. This is not a credit course and
  evidence of training must be documented on students' transcripts.
- Schools Against Violence in Education (SAVE) Act Training: All students will complete a two-hour workshop in school violence prevention. Workshops are held periodically on campus or may be taken elsewhere through an approved provider. This is not a credit course and evidence of training must be documented on students' transcripts.
- Training in Health & Safety Education: This 0-credit online training
   (EDI095 Training in Health & Safety Education) includes topics
   mandated by New York State Education Law for teacher candidates.
   The four video modules provide information on the means for
   instructing students for the purpose of preventing alcohol, tobacco,
   and other drug abuse (Education Law section 804); instructing
   students in fire and arson prevention (Education Law section 808);
   providing safety education as it pertains to highway safety, traffic
   regulations, and bicycle safety (Education Law section 806); and
   instructing students for preventing child abduction (Education Law
   section 803-a).

# Student Teaching

Student teaching is a capstone experience for all undergraduate elementary and secondary teacher candidates seeking a bachelor's degree. It is a full-time commitment extending for an entire semester with placements in two different settings. As such, the School of Education requires that all required coursework is completed *before* the capstone experience begins, and it restricts elementary teacher candidates from taking any other course(s) while registered for student teaching except the co-requisite <u>EED406</u> Student Teaching Seminar.

Students are responsible for their own transportation to field and student-teaching placements and must be prepared to commute up to 45 miles, one way, to these placements.

For more information about student teaching requirements, see <u>Education Program & Certification Advisor</u> and <u>Office of Field Experiences</u> on the School of Education website.

# New York State Certification Examinations

- · Educating All Students Test (EAS)
- · Content Specialty Test(s) (CST) in the area of certification

See New York State Teacher Certification Examinations - Tests.

New Paltz education programs require an internship, field experience, study abroad component, or clinical experience. Students who have previously been convicted of a felony are advised that their prior criminal history may impede their ability to complete the requirements of certain academic programs and/or to meet licensure requirements for certain professions. If applicants have concerns about this matter (or any past legal or background history), please contact the Dean's Office of the intended academic program.

# EED293. Elementary Education Selected Topic. 3-12 Credits.

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

May be repeated for credit

# EED295. Independent Study Elementary Education. 0 Credits

May be repeated for credit

# EED299. Modular Course. O Credits.

May not be repeated for credit

# EED301. Fieldwork I (Pre-K-2). 1 Credit.

Fieldwork focused on developmentally appropriate practices and teaching reading in grades pre K-2, including managing the physical classroom environment, evaluating the literacy environment, conducting a successful read aloud, and analyzing developmentally appropriate practices. 40 hours. COURSE FEE FOR WATERMARK.

# **Attributes:**

· Field Study

## **Restrictions:**

- · Must have the following level: Undergraduate
- · Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
- Early Childhood & Chld Ed B-6 (601)
  - · Early Childhood Studies (602)

## **Prerequisites:**

- EED415 Minimum Grade of B-
- · EED370 Minimum Grade of B-

# **Corequisites:**

• EED375

# EED302. Fieldwork 2 (Math, Science & Technology Fieldwork). 1 Credit.

Fieldwork focused on mathematics, science and technology for children in grades 1-6 with an emphasis on inquiry-based instructional models and educational games. 20 hours.

## **Attributes:**

· Field Study

# **Restrictions:**

- · Must have the following level: Undergraduate
- · Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Early Childhood & Chld Ed B-6 (601)

# **Prerequisites:**

- · EED301 Minimum Grade of S
- · EED371 Minimum Grade of B-
- · EED375 Minimum Grade of B-

# **Corequisites:**

EED380

May not be repeated for credit

# EED303. Fieldwork Experience 3. 1 Credit.

Teacher candidates complete a minimum of 60 hours participating in elementary classrooms (grades 3 - 6) as they take on the role of observer, assistant, and teacher for one-on-one, small group, and whole class instruction.

# **Attributes:**

· Field Study

# **Restrictions:**

- · Must have the following level: Undergraduate
- · Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Early Childhood & Chld Ed B-6 (601)

# **Prerequisites:**

- · EED302 Minimum Grade of S
- · EED380 Minimum Grade of B-

# **Corequisites:**

- EED376
- EED379

May not be repeated for credit

# EED322. Play: The Roots of Learning for Young Children. 3 Credits.

Students will explore the complex issues of play, its role and value in early childhood education from both theoretical and practical perspectives, with a focus upon early learning and development. Students will be required to identify and obtain permission to complete 5 hours of field observations at appropriate sites approved by the instructor.

#### Restrictions:

- · Must have the following level: Undergraduate
- · Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Early Childhood Studies (602)

## **Prerequisites:**

- EED411 Minimum Grade of B-
- · EED391 Minimum Grade of S

# **Corequisites:**

- EED412
- EED485

May not be repeated for credit

# EED345. Seminar in Early Childhood Studies. 3 Credits.

Participants will explore pedagogy, best practices, current issues, and special topics in early childhood education studies.

### **Restrictions:**

- · Must have the following level: Undergraduate
- · Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Early Childhood Studies (602)

# **Prerequisites:**

- EED415 Minimum Grade of B-
- · EED414 Minimum Grade of B-

# EED370. Race, Class, Gender, and Social Justice in Teaching. 3 Credits.

Introduction to the teaching of children, birth through 6th grade, with a creative exploration of teaching knowledge related to race, class, gender, and social justice. This course includes the examination of diverse experiences in the education system, equity in schooling, the history of the education profession, and professional expectations for teaching in various settings.

### **Attributes:**

- Diversity
- · GE3: DIVR
- · GE5: DEISJ
- · Ethical Reflection

## **Restrictions:**

- · Must have the following level: Undergraduate
- · Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
- Early Childhood & Chld Ed B-6 (601)
  - · Early Childhood Studies (602)
  - · Undecl: Ed Pre-Art History (00DA)
  - · Undecl: Ed Pre-Biology (00DY)
  - · Undecl: Ed Pre-Black Studies (00DB)
  - · Undecl: Ed Pre-Earth Science (00DT)
  - · Undecl: Ed Pre-English (00DE)
  - · Undecl: Ed Pre-French (00DF)
  - · Undecl: Ed Pre-Geography (00DG)
  - · Undecl: Ed Pre-History (00DH)
  - · Undecl: Ed Pre-Mathematics (00DM)
  - Undecl: Ed Pre-Politcal Scienc (00DP)
  - · Undecl: Ed Pre-Spanish (00DS)

## **Prerequisites:**

- EDS371 Minimum Grade of C\*
- \* May be taken at the same time May not be repeated for credit

# EED371. Developmentally Appropriate Practices, Childhood. 3 Credits.

Participants will consider the cognitive and social development of children, preschool through 6th grade, and the implications for curriculum development, classroom management and organization. Students will develop competence in observing and assessing children's developmental competence and classroom performance by participating in appropriate classroom situations.

#### Restrictions:

- · Must have the following level: Undergraduate
- · Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Early Childhood & Chld Ed B-6 (601)

# **Prerequisites:**

- EDS371 Minimum Grade of C\*
- \* May be taken at the same time May not be repeated for credit

# EED375. Teaching Reading in the Elementary School I. 3 Credits.

Introduction to emergent literacy in the primary classroom, use of reading procedures, skills, techniques, and materials for instruction in areas such as phonemic awareness, word analysis, and comprehension in reading, writing, listening, speaking and visual literacy.

#### Attributes:

- · Critical Thinking Introductory
- · Critical Think Reason Intro
- · Information Literacy Intro
- · Information Mgmt Intro
- · Writing Intensive

## **Restrictions:**

- · Must have the following level: Undergraduate
- · Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
- Early Childhood & Chld Ed B-6 (601)
  - · Early Childhood Studies (602)

## **Prerequisites:**

- EED370 Minimum Grade of B-
- EED415 Minimum Grade of B-

### **Corequisites:**

• EED301

# EED376. Teaching Reading/Language Arts in the Elementary School II. 3 Credits.

Effective methods to promote literacy in the language arts. Emphasis is on the New York state learning standards infused throughout a balanced literacy program designed to meet the needs of diverse learners. Integration across the disciplines is highlighted.

# **Attributes:**

- · Critical Thinking Intermediate
- · Critical Think Reason Interm
- · Information Literacy Intermed

## **Restrictions:**

- · Must have the following level: Undergraduate
- · Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Early Childhood & Chld Ed B-6 (601)

# **Prerequisites:**

- · EED380 Minimum Grade of B-
- · EED302 Minimum Grade of S

# **Corequisites:**

- EED303
- EED379

May not be repeated for credit

# EED377. Teaching Mathematics in the Elementary School. 3 Credits.

Procedures and materials for effective teaching of mathematics in early childhood and elementary grades.

#### Restrictions:

- · Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
- Art History 1-6 (630A)
  - · Art History B-2 (599A)
  - Biology 1-6 (630B)
  - Biology B-2 (599B)
  - · Black Studies 1-6 (630L)
  - · Black Studies B-2 (599L)
  - · Childhood Education 1-6 (630)
  - · Childhood Education B-2 (599)
  - · Earth Science 1-6 (630R)
  - · Earth Science B-2 (599R)
  - English 1-6 (630E)
  - English B-2 (599E)
  - French 1-6 (630F)
  - French B-2 (599F)
  - · Geography 1-6 (630G)
  - · Geography B-2 (599G)
  - Mathematics 1-6 (630M)
  - Mathematics B-2 (599M)
  - · Political Science 1-6 (630P)
  - Political Science B-2 (599P)
  - Social Studies History B-2 (599H)
  - Social Studies-History 1-6 (630H)
  - · Spanish 1-6 (630S)
  - · Spanish B-6 (599S)

## **Prerequisites:**

- · MAT140 Minimum Grade of C-
- MAT240 Minimum Grade of C-
- EED375 Minimum Grade of B-

# EED378. Teaching Science in the Elementary School. 3 Credits.

Procedures and materials for effective teaching of science in early childhood and elementary grades.

#### Restrictions:

- · Must have the following level: Undergraduate
- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
- Art History 1-6 (630A)
  - Art History B-2 (599A)
  - Biology 1-6 (630B)
  - · Biology B-2 (599B)
  - · Black Studies 1-6 (630L)
  - · Black Studies B-2 (599L)
  - · Childhood Education 1-6 (630)
  - · Childhood Education B-2 (599)
  - · Earth Science 1-6 (630R)
  - · Earth Science B-2 (599R)
  - English 1-6 (630E)
  - English B-2 (599E)
  - French 1-6 (630F)
  - French B-2 (599F)
  - · Geography 1-6 (630G)
  - · Geography B-2 (599G)
  - Mathematics 1-6 (630M)
  - Mathematics B-2 (599M)
  - · Political Science 1-6 (630P)
  - Political Science B-2 (599P)
    Social Studies History B-2 (599H)
  - Social Studies-History 1-6 (630H)
  - Spanish 1-6 (630S)
  - Spanish B-6 (599S)

## **Prerequisites:**

- · EED375 Minimum Grade of B-
- EED301 Minimum Grade of S

May not be repeated for credit

# EED379. Teaching Social Studies in the Elementary School. 3 Credits.

Procedures and materials for effectively integrating teaching of social studies in early childhood and upper elementary grades.

#### **Restrictions:**

- · Must have the following level: Undergraduate
- · Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Early Childhood & Chld Ed B-6 (601)

# **Prerequisites:**

- · EED380 Minimum Grade of B-
- EED302 Minimum Grade of S

# **Corequisites:**

- EED303
- EED376

May not be repeated for credit

# EED380. Teaching Mathematics, Science and Technology in Elementary School. 6 Credits.

In this course students will learn about principles and methods regarding the teaching of mathematics, science, and technology in elementary school. Special emphasis is given to the New York State Learning Standards for Mathematics, Science, and Technology and the connectedness of these disciplines.

## Attributes:

· Information Mgmt Intrmd

#### **Restrictions:**

- · Must have the following level: Undergraduate
- · Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Early Childhood & Chld Ed B-6 (601)

# **Prerequisites:**

- EED375 Minimum Grade of B-
- · EED301 Minimum Grade of S

# **Corequisites:**

• EED302

# EED381. Teaching English Language Arts and Social Studies in Elementary School. 6 Credits.

Focuses on assessment techniques, curriculum development and instruction based on Learning Standards in English Language Arts and Social Studies in Elementary School. Special emphasis on reading and writing in the content area of social studies for upper elementary students. (Field Experience - 20 hours)

#### Restrictions:

- · Must have the following level: Undergraduate
- · Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
  - Childhood Education 1-6 (630)
    - · Childhood Education B-2 (599)

# **Prerequisites:**

· EED375 Minimum Grade of B-

May not be repeated for credit

# **EED391. Field Experience Infants and Toddlers. 1 Credit.**

Field experience focused on infant and toddler observations with an emphasis on development, learning and parental involvement.

#### **Restrictions:**

 Must be enrolled in the following field(s) of study (major, minor or concentration): Early Childhood Studies (602)

#### **Prerequisites:**

- · EED415 Minimum Grade of B-
- · EED370 Minimum Grade of B-

# **Corequisites:**

• EED411

May not be repeated for credit

# EED393. Elementary Education Selected Topic. 12 Credits.

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

#### Restrictions:

- · Must have the following level: Undergraduate
- · Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
- Art History 1-6 (630A)
  - · Art History B-2 (599A)
  - Biology 1-6 (630B)
  - · Biology B-2 (599B)
  - · Black Studies 1-6 (630L)
  - Black Studies B-2 (599L)
  - · Childhood Education 1-6 (630)
  - · Childhood Education B-2 (599)
  - · Earth Science 1-6 (630R)
  - · Earth Science B-2 (599R)
  - English 1-6 (630E)
  - English B-2 (599E)
  - French 1-6 (630F)
  - French B-2 (599F)
  - Geography 1-6 (630G)
  - Geography B-2 (599G)
  - · Mathematics 1-6 (630M)
  - Mathematics B-2 (599M)
  - Political Science 1-6 (630P)
  - Political Science B-2 (599P)Social Studies History B-2 (599H)
  - Social Studies-History 1-6 (630H)
  - · Spanish 1-6 (630S)
  - · Spanish B-6 (599S)

May be repeated for credit

# EED399. Modular Course. 0 Credits.

### **Restrictions:**

- Must have the following level: Undergraduate
- · Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Early Childhood & Chld Ed B-6 (601)

# EED404. Student Teaching, Primary Setting. 6 Credits.

A full-time experience in the major area of teacher responsibility in a primary setting.

## **Attributes:**

· Practicum - Non-Clinical

#### **Restrictions:**

- · Must have the following level: Undergraduate
- · Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Early Childhood & Chld Ed B-6 (601)

# **Prerequisites:**

- EED303 Minimum Grade of S
- · EED376 Minimum Grade of B-
- · EED379 Minimum Grade of B-

May not be repeated for credit

# EED405. Student Teaching, Intermediate Setting. 6 Credits.

A full-time experience in the major area of teacher responsibility in grades three through six.

### Attributes:

· Practicum - Non-Clinical

### **Restrictions:**

- · Must have the following level: Undergraduate
- · Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Early Childhood & Chld Ed B-6 (601)

# **Prerequisites:**

- · EED303 Minimum Grade of S
- · EED376 Minimum Grade of B-
- · EED379 Minimum Grade of B-

May not be repeated for credit

# EED406. Student Teaching Seminar. 1 Credit.

Candidates explore and respond to issues in student teaching including: standards-based instructional practice; assessment and evaluation; critical reflection; classroom management; school-community relations; ethics and law; and post-commencement professional transitions.

# **Attributes:**

- · Critical Thinking Advanced
- · Critical Think Reasoning Adv
- · Information Literacy Advanced
- · Information Mgmt Advanced

# **Restrictions:**

- · Must have the following level: Undergraduate
- · Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Early Childhood & Chld Ed B-6 (601)

# **Corequisites:**

- EED404
- EED405

May not be repeated for credit

# EED411. Infant and Toddler Curriculum. 3 Credits.

Study of children prenatal through age two. Investigation of child development principles to promote physical, intellectual, social, and emotional development and competence in the child. Strategies to establish and maintain safe, healthy learning environments and purposeful and responsive programs for very young children and their families. Guidelines for having positive and productive relationships with families, and for maintaining a commitment to professionalism.

#### Restrictions:

- · Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Early Childhood Studies (602)

# **Prerequisites:**

- · EED370 Minimum Grade of B-
- · EDS371 Minimum Grade of C

# **Corequisites:**

• EED391

May not be repeated for credit

# EED412. Preschool and Kindergarten Curriculum. 3 Credits.

Preparation for working with preschool/kindergarten children and their families. Child development principles and they apply to children of this age group. Curriculum investigation of age appropriate strategies in the following areas: the arts, health/physical development, social-emotional learning, mathematics, science, technology and social studies. 20 hours of fieldwork in a preschool required.

# **Restrictions:**

- · Must have the following level: Undergraduate
- · Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
- Early Childhood & Chld Ed B-6 (601)
  - · Early Childhood Studies (602)
  - · Undecl: Ed Pre-Mathematics (00DM)

# **Prerequisites:**

- EED371 Minimum Grade of B-\* or EED414 Minimum Grade of B-\*
- EED415 Minimum Grade of B-\*
- \* May be taken at the same time May not be repeated for credit

# EED413. Curriculum III: First and Second Grades. 3 Credits.

Preparation for working with first and second graders and their families. Curriculum investigation of age appropriate strategies in the arts, health/physical development, mathematics, science and technology, and social studies.

## **Restrictions:**

- · Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Early Childhood Studies (602)

# **Prerequisites:**

- EED414 Minimum Grade of B-
- · EED415 Minimum Grade of B-

May not be repeated for credit

# EED414. Developmentally Appropriate Practices for Children Birth-Second Grade. 3 Credits.

Students will consider the cognitive and social development of children, birth through second grade, and the implications for child development, curriculum planning, environmental organization and management. Students will develop competence in observing and assessing children's development and environmental performance by participating in appropriate settings. (Field Experience - 20 hours)

#### **Restrictions:**

- · Must have the following level: Undergraduate
- · Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Early Childhood Studies (602)

# **Prerequisites:**

• EED370 Minimum Grade of B-

May not be repeated for credit

# EED415. The Development of Symbolic Representation, Language, and Literacy. 3 Credits.

Exploration of the interaction between symbolic development, language, and literacy acquisition in children birth through five years of age. Development of strategies to encourage language and literacy in very young children.

## **Restrictions:**

- · Must have the following level: Undergraduate
- · Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
- Early Childhood & Chld Ed B-6 (601)
  - · Early Childhood Studies (602)
  - · Undecl: Ed Pre-Art History (00DA)
  - · Undecl: Ed Pre-Biology (00DY)
  - · Undecl: Ed Pre-Black Studies (00DB)
  - · Undecl: Ed Pre-Earth Science (00DT)
  - Undecl: Ed Pre-French (00DF)
  - Undecl: Ed Pre-Geography (00DG)
  - · Undecl: Ed Pre-History (00DH)
  - · Undecl: Ed Pre-Mathematics (00DM)
  - · Undecl: Ed Pre-Politcal Scienc (00DP)
  - · Undecl: Ed Pre-Spanish (00DS)

# **Prerequisites:**

- EDS371 Minimum Grade of C\*
- \* May be taken at the same time May not be repeated for credit

# EED485. Field Experience Preschool and Kindergarten. 1 Credit.

Field experience focused upon Preschool and Kindergarten observations with an emphasis on developmentally appropriate practices, curriculum development, authentic assessment and hands-on interactions with children and families.

# **Restrictions:**

- Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Early Childhood Studies (602)

# Prerequisites:

· EED391 Minimum Grade of S

# **Corequisites:**

• EED412

# EED492. Research in Early Childhood Studies. 3 Credits.

An investigation of the relationship between the development, social relationships and learning environments experienced by young children. Students will explore these relationships in areas such as the family, peer relationships, creativity, curiosity, developmental delays, and within diverse environments while engaging in a relevant research project with the support and approval of the supervisor. Field experience of 20 hours is required.

# **Restrictions:**

- · Must have the following level: Undergraduate
- · Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration): Early Childhood Studies (602)

#### **Prerequisites:**

- EED322 Minimum Grade of B-
- · EED345 Minimum Grade of B-

May be repeated for credit

# EED493. Elementary Education Selected Topic. 12 Credits.

Selected topics courses are regularly scheduled courses that focus on a particular topic of interest. Descriptions are printed in the Schedule of Classes each semester. Selected topics courses may be used as elective credit and may be repeated for credit, provided that the topic of the course changes.

#### **Restrictions:**

- · Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
- Childhood Education 1-6 (630)
  - · Childhood Education B-2 (599)
  - Early Childhood & Chld Ed B-6 (601)

May be repeated for credit

# EED495. Indep Study Elementary Education. 1-12 Credits.

# **Restrictions:**

- · Must not be enrolled in the following class: Freshman
- Must be enrolled in the following field(s) of study (major, minor or concentration):
- Childhood Education 1-6 (630)
  - · Childhood Education B-2 (599)
  - Early Childhood & Chld Ed B-6 (601)
  - · Early Childhood Studies (602)

May be repeated for credit

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