

# SPECIAL EDUCATION ALL GRADES/ CHILDHOOD 1-6 (BS)

Department Chair: Marya Grande, PhD

## INTRODUCTION

This major prepares candidates in Childhood Education which covers Grades 1-6 and Special Education (All Grades) which covers Pre-Kindergarten through 12th grade for Students with Disabilities. Coursework includes the pedagogical knowledge and skills to ensure that candidates are qualified to teach at these levels and in high needs classroom settings. Many courses are infused with field experiences so candidates build skills as they progress through the program. In addition, each candidate must take coursework as set forth in the Canisius University Core Curriculum and must also choose a 30 credit liberal arts concentration to ensure that they have the content knowledge necessary to teach children from Grades 1-6 in general and special education settings.

## Licensure Disclosure

Canisius University cannot determine whether completion of this program would be sufficient to meet licensure requirements outside of New York State for the intended occupation. We advise you to contact your state licensing board or appropriate licensing entity (<https://wiki.canisius.edu/x/Hxi8BQ/>) to determine whether the program meets requirements for Professional Licensure in the state where you are located or the state in which you intend to pursue licensure. Please contact the associate dean of your school if you have further questions.

## QUALIFICATIONS

Students must meet the requirements at all transition points in order to graduate with an education degree and be recommended for teacher certification. Please see School of Education and Human Services website for transition point requirements (<https://catalog.canisius.edu/undergraduate/school-education-human-services/#assessmenttext>).

## Curriculum

Code	Title	Credits
ECCH 221	Emergent Literacy	3
ECCH 222	Literacy and the Arts in the Elementary Classroom	3
ECCH 412	Managing the Elementary & Secondary Ed Classroom	3
EDE 100	Human Growth and Development - Birth through Childhood	3
EDE 390	Cognition and Learning - Birth through Adolescence	3
EDU 100	Exploring the Teaching Profession	3
EDU 122	Technology in Education	3
EDU 250	Foundations of Education	3
EDU 272	Teaching Social Studies Integrating English Language Arts	3
EDU 356	Assessment for Diverse Learners	3
EDU 428	Teaching Math and Science: Supporting STEM Education	3
EDU 494	Capstone Seminar for Teacher Candidates	3
EDU 495	Child Abuse Workshop	0

EDU 496	Prevention of School Violence Workshop	0
EDU 497	Dignity for All Students Act (DASA) Workshop	0
EDU 498	Student Teaching Seminar	3
SPE 291	Nature and Needs of Students with Learning Disabilities	3
SPE 292	Remedial Strategies in the Content Areas	3
SPE 311	Nature and Needs of Students with Intellectual Disabilities and Autism Spectrum Disorders	3
SPE 330	Nature/Needs of Students with Behavioral Disorders	3
SPE 341	Inclusive Strategies	3
SPE 432	Seminar in Teaching and Assessment	3
or EDU 432	Pre Student Teaching	
SPE 493	Supervised Student Teaching	12
or EDU 493	Student Teaching	
<b>Total Credits</b>		<b>69</b>

## Optional Extensions to Teach at Additional Grade Levels

### MIDDLE CHILDHOOD EXTENSION

Candidates wishing to obtain an extension to teach grades 5-6 for Adolescence majors or 7-9 for Childhood majors in their area of concentration (English, Mathematics, Social Studies, or Spanish) must take EMC 352 and EMC 391 in addition to the courses listed. **Please note that in order to obtain the extension, you must have at least 30 hours in the content area.**

### INITIAL EARLY CHILDHOOD CERTIFICATION

Candidates wishing to obtain a certification to teach grades B-2 are advised to take two early childhood courses that focus on learning and development and methods of instruction in addition to the courses listed, and apply for an individual evaluation of credentials through NYSED. Courses that students have taken in the past include EDY 208 and EDY 209. **Please note that NYS also requires candidates to submit a transcript showing they have 6 credits each of Math, Science, and Social Studies. Discuss this requirement with your advisor to ensure that you will meet these requirements before applying for certification.**

## Additional Curriculum Requirements

Childhood majors need to choose one of the following academic concentrations: Liberal Arts, Social Justice, English, Mathematics, Social Studies, or Spanish .

## Liberal Arts Concentration

Code	Title	Credits
<b>English (6 credits in addition to the core requirement)</b>		<b>6</b>
ENG 205	Varieties of the Essay	
ENG 218	Literature and Medicine	
ENG 219	Literature and Psychology	
ENG 223	Images of Women in Literature and Film	
ENG 224	The Journey in World Literature	
ENG 225	The Journey in American Literature	
ENG 233	The Quest in Medieval Literature	
ENG 294	Introduction to Creative Writing	
ENG 299	Introduction to English Studies	
ENG 315	American Literature I	
ENG 368	Native American Literature	

ENG 383	Advanced Academic Writing		
ENG 390	Tutoring Writing		
<b>Mathematics (6 credits)</b>		<b>6</b>	
MAT 106	Calculus for the Non-Sciences		
MAT 108	College Precalculus		
MAT 111	Calculus I		
MAT 115	Calculus for Business		
MAT 121			
MAT 131	Statistics for Social Sciences		
MAT 141	Inferential Statistics and Computers for Science		
MAT 150	Mathematics and Politics		
MAT 161	Mathematics for Elementary Teachers		
MAT 191	Discrete Mathematics I		
MAT 219	Linear Algebra		
MAT 222	Differential Equations		
<b>Science(6 credits)</b>		<b>6</b>	
ABEC 101	Introductory Animal Behavior I		
ABEC 102	Introductory Animal Behavior II		
BIO 111 & 111L	Introductory Biology I and Introductory Biology Laboratory I		
BIO 112 & 112L	Introductory Biology II and Introductory Biology Laboratory II		
BIO 114 & 114L	Human Biology: Introduction to Human Anatomy and Physiology and Human Biology: Introduction to Human Anatomy and Physiology Laboratory		
BIO 115 & 115L	Musculoskeletal Anatomy and Physiology and Musculoskeletal Anatomy and Physiology Laboratory		
BIO 121	Human Reproduction		
CHM 104	Energy, Environment, and Society		
CHM 111 & 111L	General Chemistry I and General Chemistry I Laboratory		
<b>History and Social Sciences (6 credits)</b>		<b>6</b>	
HIS 123	History of the United States: The Colonial Period to Reconstruction		
HIS 124	History of the United States: 1877 to the Present		
HIS 209	History of Asia to 1800		
HIS 210	History of Asia Since 1800		
HIS 235	From Jamestown to Yorktown: Making the United States		
HIS 236	From Washington to Lincoln: The Making of American Democracy		
HIS 255	African American History		
HIS 264	Latin American History to 1830		
HIS 265	Latin American History Since 1830		
HIS 299	Historian's Craft		
PSC 103	The American Constitution		
PSC 104	American Political Process		
PSC 111	Western Political Tradition		
PSC 140	International Relations		
PSC 150	Comparative Government and Politics		
PSC 201	Race, Law, and Politics		
PSC 233	Interest Groups and Public Opinion in America		
PSC 224	Congress and the Legislative Process		
PSC 225	U.S. Presidency		
PSC 237	State and Local Politics		
ECO 101	Principles of Macroeconomics		
ECO 102	Principles of Microeconomics		
<b>Liberal Arts Electives (Can take a total of 6 credits from this list to get to the minimum of 30 hours for the concentration)</b>		<b>6</b>	
<b>Psychology</b>			
PSY 101	Introduction to Psychology I		
PSY 201	Basic Statistics for Behavioral Sciences		
<b>Digital Media Arts</b>			
DMA 201	Introduction to Digital Media		
<b>Kinesiology</b>			
KIN 115	Basic Nutrition		
KIN 170	Emergency Care		
KIN 205	Wellness and Fitness		
KIN 220	Healthy Behaviors		
KIN 361	Psychology of Sport and Mental Health		
KIN 425	Evolution of Disease and Illness		
<b>Journalism</b>			
JRN 100	Introduction to Journalism		
JRN 200	Multimedia Storytelling		
<b>Fine Arts/Music</b>			
FAM 122	History of Rock and Roll		
FAM 123	World Musics		
FAM 124	America's Music		
<b>Art History</b>			
FAH 109	History of Architecture		
FAH 267	Frank Lloyd Wright		
FAH 271	Art in Buffalo		
<b>Communicatoin</b>			
COM 201	Dynamic Presentations		
COM 203	Writing for Contemporary Media		
COM 205	Media Literacy		
<b>Sociology</b>			
SOC 110	Introduction to Sociology		
SOC 111	Contemporary Social Problems		
SOC 220	Identity and Society		
SOC 341	Race and Ethnicity		
<b>Philosophy</b>			
PHI 240	Justice		
PHI 246	Ethics of Technology		
PHI 273	Race and Philosophy		
<b>Spanish</b>			
SPA 103	Introductory Spanish I		
SPA 104	Introductory Spanish II		
<b>French</b>			
FRC 103	Introductory French I		
FRC 104	Introductory French II		
<b>Total Credits</b>			<b>30</b>

## Social Justice Concentration

Code	Title	Credits
<b>Foundations Course</b>		<b>3</b>
SOC 273	Social Movements and Social Change	
<b>Research Courses (select one of the following)</b>		<b>3</b>
EDU 303	Research Methods in the Social Sciences	
PSY 202	Research Methods in Psychology	
<b>Skills Classes (select one of the following)</b>		<b>3</b>
COM 201	Dynamic Presentations	
COM 203	Writing for Contemporary Media	
COM 204	Relational Communication	
COM 302	Strategic Communication in Teams	
COM 319	Training and Development	
PSY 329	Leadership and Motivation	
<b>Elective Courses (choose four from the courses listed below)</b>		<b>12</b>
COM 327	Impact of Culture, Race, and Gender on Message Design	
COM 385	Media & Children	
CRJ 337	Violence and the Family	
CRJ 345	Gangs in American Society	
HIS 211	Women In The Western World	
IGSR 300	Immersion East Side Seminar	
PSC 104	American Political Process	
PSC 237	State and Local Politics	
EDU 302	Children, Schools, and the Community	
PSY 340	Stereotyping and Prejudice	
SOC 111	Contemporary Social Problems	
SOC 291	Gender and Society	
SOC 340	Sociology of the City	
SOC 355	Deviant Behavior	
<b>Math Requirement (3 credits)</b>		<b>3</b>
MAT 105	Finite Mathematics	
MAT 106	Calculus for the Non-Sciences	
MAT 108	College Precalculus	
MAT 111	Calculus I	
MAT 121		
MAT 131	Statistics for Social Sciences	
MAT 141	Inferential Statistics and Computers for Science	
MAT 150	Mathematics and Politics	
MAT 161	Mathematics for Elementary Teachers	
MAT 191	Discrete Mathematics I	
MAT 219	Linear Algebra	
MAT 222	Differential Equations	
<b>Science (3 credits)</b>		<b>3</b>
ABEC 101	Introductory Animal Behavior I	
ABEC 102	Introductory Animal Behavior II	
BIO 111	Introductory Biology I	
BIO 112	Introductory Biology II	
BIO 114	Human Biology: Introduction to Human Anatomy and Physiology	
BIO 115	Musculoskeletal Anatomy and Physiology	
BIO 121	Human Reproduction	

CHM 104	Energy, Environment, and Society	
CHM 111	General Chemistry I	
<b>History and Social Sciences (3 credits)</b>		<b>3</b>
HIS 123	History of the United States: The Colonial Period to Reconstruction	
HIS 124	History of the United States: 1877 to the Present	
HIS 201	United States Military History	
HIS 209	History of Asia to 1800	
HIS 210	History of Asia Since 1800	
HIS 233	America and the Holocaust	
HIS 235	From Jamestown to Yorktown: Making the United States	
HIS 236	From Washington to Lincoln: The Making of American Democracy	
HIS 241	Women in American History 1880 to Present	
HIS 264	Latin American History to 1830	
HIS 299	Historian's Craft	
PSC 103	The American Constitution	
PSC 111	Western Political Tradition	
PSC 201	Race, Law, and Politics	
PSC 224	Congress and the Legislative Process	
ECO 101	Principles of Macroeconomics	
ECO 102	Principles of Microeconomics	
<b>Total Credits</b>		<b>30</b>

<sup>1</sup> The list of courses provided here only includes active courses at the time this catalog was prepared. Additional classes that are added by other departments might also be used to satisfy this requirement. If you think a class should count, please contact the chair of the Teacher Education Department.

## English Concentration

Code	Title	Credits
Two 200-level literature courses		6
ENG 299	Introduction to English Studies <sup>1</sup>	3
One American Literature course <sup>2</sup>		3
One British Literature Course <sup>3</sup>		3
Two writing courses <sup>4</sup>		6
Mathematics Course Requirement		3
Science Course Requirement		3
Social Studies Course Requirement		3
<b>Total Credits</b>		<b>30</b>

<sup>1</sup> Must take at least one 200-level literature course before taking ENG 299.

<sup>2</sup> Choose from ENG 315, ENG 316, ENG 319 or ENG 396 (if the topic is American Literature).

<sup>3</sup> Choose from ENG 233, ENG 305, ENG 306, ENG 308, ENG 309, ENG 322, ENG 323, ENG 347, ENG 370, ENG 373, and ENG 381.

<sup>4</sup> Choose from EDU 205, ENG 294, ENG 342, ENG 383, ENG 385, ENG 388, ENG 389, ENG 390, ENG 392, ENG 393, & ENG 490.

## Mathematics Concentration

Code	Title	Credits
MAT 111	Calculus I	4
MAT 112	Calculus II	4
MAT 219	Linear Algebra	4
MAT 230	Logic, Set Theory, and Proofs	4
MAT 311	Abstract Algebra	4
MAT 331	Geometry	3
MAT 351	Probability & Statistics I	3
OR		
MAT 141	Inferential Statistics and Computers for Science	
Science Elective		3
History Elective		3
<b>Total Credits</b>		<b>32</b>

## Social Studies Concentration

Code	Title	Credits
PSC 104	American Political Process	3
HIS 107	History of Modern Europe to 1815	3
HIS 108	History of Modern Europe since 1815	3
HIS 123	History of the United States: The Colonial Period to Reconstruction	3
HIS 124	History of the United States: 1877 to the Present	3
HIS 209	History of Asia to 1800	3
HIS 255	African American History	3
One European or Asian/African/Latin American History elective		3
European History Options		
HIS 213	Europe and the World in a Century of Conflict	
HIS 220	The History of Food	
Asian/African/Latin American History Options		
HIS 210	History of Asia Since 1800	
HIS 263	Wars of Latin America	
HIS 264	Latin American History to 1830	
HIS 265	Latin American History Since 1830	
HIS 280	The Making of Modern Africa	
Math Elective		3
Science Elective		3
<b>Total Credits</b>		<b>30</b>

## Spanish Concentration

Code	Title	Credits
SPA 215	Communicating in Spanish <sup>1</sup>	3
SPA 217	Intro Comp Panorama SocioCultural Latinoamericano <sup>1</sup>	3
SPA 323	Topics in Conversation I Peninsular Culture and Civilization	3
SPA 324	Topics in Conversation II Latin American Culture and Civilization	3
SPA 332	Advanced Spanish Composition	3
Two Advanced-Level Spanish Classes (any SPA class at 300 or 400 level)		6
Mathematics Course Requirement		3
Science Course Requirement		3

Social Studies Course Requirement	3
<b>Total Credits</b>	<b>30</b>

<sup>1</sup> Students who begin language study at the 300-level may substitute additional electives in lieu of the intermediate (200) level courses. Thus, students still will take 10 courses for the concentration.

## Roadmap

### Freshman

Fall	Spring
EDE 100	ECCH 221 (may be used to apply to NYSED or BOCES for early childhood certification)
EDU 100	SPE 341
EDU 122	EDY 208 (Optional - may be used to apply to NYSED or BOCES for early childhood certification)

### Sophomore

Fall	Spring
EDU 250	SPE 291
EDU 495	SPE 292
EDU 496	EDU 272
ECCH 222	
EDU 223	
EDY 209 (Optional - may be used to apply to NYSED or BOCES for early childhood certification)	
EMC 391 (Optional - needed for middle school extension)	

### Junior

Fall	Spring
SPE 311	SPE 330
EDU 356	ECCH 412
EDU 323	EMC 352 (Optional - needed for middle childhood extension)
EDE 390	

### Senior

Fall	Spring
SPE 432	SPE 493
EDU 428	EDU 497
EDU 494	EDU 498

## Courses

**SPE 291 Nature and Needs of Students with Learning Disabilities 3 Credits**  
Describes the effect of mild disabilities from PreK-Grade 12. Focuses on collaborative strategies for parental involvement. Highlights the CSE process, placement options, and instructional strategies in grades PreK-12. Requires a twenty hour field placement.  
**Corequisite:** SPE 292.  
**Offered:** every spring.

- SPE 292 Remedial Strategies in the Content Areas** 3 Credits  
Describes appropriate techniques and materials for instruction to students with disabilities and those at risk of failure. Emphasizes assistive technology for students in classrooms across the continuum of services.  
**Corequisite:** SPE 291.  
**Offered:** every spring.
- SPE 311 Nature and Needs of Students with Intellectual Disabilities and Autism Spectrum Disorders** 3 Credits  
Describes effects of intellectual disabilities and other developmental Disabilities on both the childhood and adolescent levels. Focuses on collaborative strategies for parental involvement. Highlights instructional strategies across the continuum of services. Emphasizes a multidisciplinary approach to meet the learning needs of students with Intellectual Disabilities (ID) and Autism Spectrum Disorders (ASD). Requires 20 hours field placement.  
**Prerequisites:** SPE 291 & SPE 292.  
**Offered:** every fall.
- SPE 330 Nature/Needs of Students with Behavioral Disorders** 3 Credits  
Describes the effect of emotional and behavioral disorders on children, adolescents and young adults, and their families. Highlights NYSED regulations, collaboration, and instructional strategies to address academic and behavioral issues. This course requires a twenty-hour field placement.  
**Prerequisites:** SPE 311 & EDU 356. **Corequisite:** ECCH 412.  
**Offered:** every spring.
- SPE 341 Inclusive Strategies** 3 Credits  
Provides an overview of special education, including current trends. Addresses successful strategies to support students with disabilities in the general education classroom. Examines the empirical basis of methods utilized to meet the New York State Learning Standards and emphasizes collaboration to meet the diverse needs of all learners.  
**Fulfills College Core:** Diversity  
**Offered:** every fall, spring, & summer.
- SPE 432 Seminar in Teaching and Assessment** 3 Credits  
Preparation for student teaching. Includes practica and seminars that focus on professional reflection and topics related to classroom management, increasing family involvement, teaching to higher standards and assessment from the PreK-12 level. Addresses objectives, curriculum, strategies, materials and evaluation necessary for the science of teaching. Emphasizes content, inquiry skills, problem solving and scientific attitude highlighting the NY State Standards. Requires the teaching of lessons across all content areas during 50 hours of field experience.  
**Fulfills College Core:** Oral Communication  
**Offered:** every fall.
- SPE 493 Supervised Student Teaching** 12 Credits  
Highlights knowledge, skills and dispositions of professional educators. One full-time 7-week placement in each childhood and special education-childhood classroom requires candidates to become the instructional reader under the supervision of cooperating teachers and college faculty.  
**Prerequisite:** signature, minimum GPA of 2.70, minimum grade of C in each required education course, some schools may require certain health tests.  
**Corequisite:** EDU 497.  
**Offered:** every spring.
- SPE 495 Advanced Research Seminar in Autism** 1-6 Credits  
Advanced Research Seminar in Autism provides students with advanced clinical and research training in autism spectrum disorder (ASD). The course consists of two distinct but interrelated components including (1) classroom instruction and applied training in evidence-based treatment for children with ASD and (2) hands-on research experience during studies being conducted. Students will learn about ASD and evidence-based treatments, and participate in various studies involving high-functioning youth with ASD. Students also serve as a member of a professional research team..
- SPE 499 Independent Study** 3 Credits  
Independent studies require an application and approval by the associate dean.  
**Prerequisite:** permission of the instructor, department chair, & associate dean.