Canisius College offers undergraduate majors that lead to initial teacher certification in the areas described in the majors tab above.

**Majors**
- Physical Education (http://catalog.canisius.edu/undergraduate/school-education-human-services/educator-preparation/physical-education)
- Physical Education/Health (http://catalog.canisius.edu/undergraduate/school-education-human-services/educator-preparation/physical-education-health)
- Teaching English to Speakers of Other Languages (TESOL) Childhood (http://catalog.canisius.edu/undergraduate/school-education-human-services/educator-preparation/tesol-childhood)
- Elementary Education (EDE)
- Special Education (SPE)
- Early Childhood Education (ECCH)
- Teacher Education (EDU)
- Physical Education (PED)
- Health (HED)

**Minor**
A minor in education can provide students with skills that will be useful when teaching in a variety of settings, including informal education. This minor is available to students in any non-education major. This minor does not lead to teacher certification.

Students must complete 6 courses for the minor (18 credit hours).

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU 250</td>
<td>Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>HSV 300</td>
<td>Social and Cultural Diversity</td>
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<tr>
<td>HSV 301</td>
<td>Social Policies</td>
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<tr>
<td>EDE 100</td>
<td>Human Growth and Development - Birth through Childhood</td>
<td>3</td>
</tr>
<tr>
<td>EDS 101</td>
<td>Human Growth and Social Development: Adolescence</td>
<td></td>
</tr>
<tr>
<td>ECCH 221</td>
<td>Emergent Literacy</td>
<td></td>
</tr>
<tr>
<td>EDS 223</td>
<td>Foundations of Adolescent Literacy</td>
<td></td>
</tr>
<tr>
<td>EDU 100</td>
<td>Exploring the Teaching Profession</td>
<td></td>
</tr>
</tbody>
</table>

**Minor Electives (Choose 2)\(^1\)**
- ABEC 335 Conservation Education
- PED 305 Outdoor Curriculum and Cooperative Activities
- HSV 400 Management of Human Service Agencies
- HSV 450 Research in Human Services

One course from foundations, human development, or general skills for teaching listed above that was not used to fulfill that area’s requirement.

**Total Credits** 18

\(^1\) Additional courses may be appropriate and will be approved on a case-by-case basis.

**Courses**

**Early Childhood/Childhood (ECCH)** (p. 1), Elementary Education (EDE) (p. 1), Secondary Education (EDS) (p. 2), Teacher Education (EDU) (p. 3), Early Childhood Ed (EDY) (p. 4), Health & Phys. Education (HED) (p. 4), Physical Education (PED) (p. 5), Special Education (SPE) (p. 7)

**Early Childhood/Childhood (ECCH)**

**ECCH 221 Emergent Literacy**
3 Credits
Examines theories of language development and implications for practice. Strategies are presented to facilitate emergent and developing literacy skills in young children and to develop fluent readers and writers throughout the elementary years. Includes twenty pages of polished prose including a literature review, literature project and lesson plans.

**Offered:** every spring.

**ECCH 222 Literacy and the Arts in the Elementary Classroom**
3 Credits
Examines effective methods for assessing children’s literacy skills and for developing targeted instruction that reinforces, remedies and/or enriches literacy learning. Issues related to the literacy learning of all children, including children with disabilities and children from linguistically and culturally diverse backgrounds are examined. Research-based early intervention programs will be examined. Includes 30 hours of field experience in grades PreK-6.

**ECCH 412 Managing the Early Childhood and Elementary Classroom**
3 Credits
Develops understanding of how to build classroom communities and organize the classroom for student success. Discusses the importance of a proactive approach to prevent behavior problems and investigates a variety of classroom management strategies. Strategies for collaborating with diverse families and other professionals will be explored, including strategies for co-teaching.

**Elementary Education (EDE)**

**EDE 100 Human Growth and Development - Birth through Childhood**
3 Credits
Introduces multiple dimensions of development including influence of family, culture and society. Examines physical, cognitive, emotional and behavioral theories and emphasizes education’s role in promoting wellness.

**Fulfills College Core:** Field 5 (Social Sciences)
EDE 390 Cognition and Learning - Birth through Childhood 3 Credits
Investigates theories of learning and current brain research. Integrates emotion and motivation and the neurological basis for learning. Analyzes formal and informal procedures for reporting student progress.
Offered: every fall.

EDS 101 Human Growth and Social Development: Adolescence 3 Credits
Introduces human developmental processes and variations in the middle and high school years including physical, cognitive, social, and emotional perspectives. Effects of behavioral and cognitive processes, motivation, and diversity on student performance will be emphasized.
Fulfills College Core: Field 5 (Social Sciences)
Offered: fall.

EDS 223 Foundations of Adolescent Literacy 3 Credits
Focuses on three strands of literacy teaching for adolescent students: strategies for developing reading and writing skills in all secondary content areas, methods for reading and writing in inquiry projects, and pedagogical practices for integrating critical literacy in all secondary classrooms.
Fulfills College Core: Advanced Writing-Intensive
Offered: fall.

EDS 224 Adolescent Literacy in a New Literacies World 3 Credits
This course addresses the multiple literacies that adolescents use to make meaning in the world. The focus is on the integration, implementation and assessment of New Literacies in the content areas. Requires 20 hours of field placement.
Offered: spring only.

EDS 360 Evaluation and Teaching Strategies 3 Credits
Addresses instructional planning, curriculum development, formal and informal assessment methods and reflecting on one’s own teaching practice. Highlights instruction modifications and various resources to enhance teaching. Requires 30 hours of field placement.

EDS 370 Teaching Young Adolescent Literature 3 Credits
Prepares teacher candidates to teach young adult literature to adolescents, grades 7-12. Candidates will consider what, why and how literature is currently taught and learned in middle and high school classrooms. National and state standards, curriculum and assessment, literature of diverse cultures, as well as contemporary theory and research in English Language Arts will be focal points.

EDS 390 Cognition, Learning and Assessment of Adolescence 3 Credits
Focuses primarily upon seminal learning theories in order to examine the dynamic nature of knowledge and how changing epistemological positions can affect teaching and learning. Addresses learning processes and the roles that language, motivation, intelligence, creativity and other social processes play in student performance. Emphasis upon instructional design, pedagogical decision making and assessment procedures and instruments. Choose the appropriate course from EDS 402, 403, 404, 405, 406c.

EDS 402 Methods of Teaching English: Adolescence 3 Credits
Combines theory and practice to encourage sound, research-based pedagogical strategies for the teaching of English Language Arts for middle and high school students. Focuses on available teaching materials and multiple approaches to teaching literature, writing, grammar and language development, as well as technology integration. Effective lesson planning and unit planning are emphasized.
Prerequisite: EDS 360.
Offered: spring only.

EDS 403 Methods of Teaching Mathematics: Adolescence 3 Credits
Combines theory and practice to encourage sound, research-based pedagogical strategies for the teaching of Mathematics for middle and high school students. Focuses on available teaching materials and multiple approaches to teaching, including technology applications. Effective lesson construction and unit planning are emphasized.
Offered: spring only.

EDS 404 Methods of Teaching Modern Languages: Adolescence 3 Credits
Combines theory and practice to encourage sound, research-based pedagogical strategies for the teaching of foreign languages for middle and high school students. Focuses on available teaching materials and multiple approaches to teaching the grammar, literature and culture of French, German, and Spanish-speaking countries, as well as technology integration. Effective lesson planning and unit planning are emphasized.
Prerequisite: EDS 360.
Offered: spring only.

EDS 405 Methods of Teaching Science: Adolescence 3 Credits
This course focuses on developing a rich intellectual life through study, reflection and practice. Students will have discussions on Philosophy of Science, the philosophy of individual science disciplines and pertinent Education Psychology theories as applied to science teaching. Current research-based science teaching techniques will be emphasized. Students will write reflection papers and use these theories and principles in classroom exercises and presentations. Requires a working knowledge of at least one science discipline.
Prerequisite: EDS 360.
Offered: spring only.

EDS 406 Methods of Teaching Social Studies: Adolescence 3 Credits
This course addresses the objectives, methods, curricula, materials and assessment necessary for teaching social studies at the secondary level. Students will examine topics such as teaching for democratic citizenship, authentic instruction and assessment, multicultural social studies curriculum, and technology in the social studies classroom. This course models various instructional strategies and includes practical assignments and experiences for students.
Prerequisite: EDS 360.
Offered: spring only.

EDS 432 Applied Methods of Teaching English: Adolescence 3 Credits
Includes practica and seminars that focus on professional reflection and topics related to classroom management, increasing family involvement, teaching to higher standards and assessment at the adolescent level. Requires 50 hours of field experience.
Prerequisite: EDS 402.
Fulfills College Core: Oral Communication
Offered: fall only.

EDS 433 Applied Methods of Teaching Mathematics: Adolescence 3 Credits
Includes practica and seminars that focus on professional reflection and topics related to classroom management, increasing family involvement, teaching to higher standards and assessment at the adolescent level. Requires 50 hours of field experience.
Prerequisite: EDS 403.
Fulfills College Core: Oral Communication
Offered: fall only.
EDS 434 Applied Methods of Teaching Modern Languages: Adolescence  
3 Credits  
Includes practica and seminars that focus on professional reflection and topics related to classroom management, increasing family involvement, teaching to higher standards and assessment at the adolescence level. Requires 50 hours of field experience.  
Prerequisite: EDS 404.  
Fulfills College Core: Oral Communication  
Offered: fall only.

EDS 435 Applied Methods of Teaching Science: Adolescence  
3 Credits  
Includes practica and seminars that focus on professional reflection and topics related to classroom management, increasing family involvement, teaching to higher standards and assessment at the adolescence level. Requires 50 hours of field experience.  
Prerequisite: EDS 405.  
Fulfills College Core: Oral Communication  
Offered: fall only.

EDS 436 Applied Methods of Teaching Social Studies  
3 Credits  
Includes practica and seminars that focus on professional reflection and topics related to teaching diverse students, authentic intellectual work, classroom management, and teaching to higher standards. Requires 50 hours of field experience.  
Prerequisite: EDS 406.  
Fulfills College Core: Oral Communication  
Offered: fall only.

EDS 493 Supervised Student Teaching  
12 Credits  
Highlights knowledge, skills and dispositions of professional educators. Two full-time seven-week placements in adolescent classrooms require candidates to become the instructional leader under the supervision of cooperating teachers and college faculty.  
Prerequisite: minimum GPA of 2.70, minimum grade of C in each required subject area course (modern language majors must also pass oral proficiency interview), minimum grade of C in each required education course, interview. Some schools may require certain health tests. Corequisite: EDU 497 & EDU 498. Restriction: no other courses allowed.  
Offered: generally spring but occasionally fall (for special cases).

EDS 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.

### Teacher Education (EDU)

**EDU 100 Exploring the Teaching Profession**  
3 Credits  
This course introduces the study of education and teaching, with opportunities for students to examine and evaluate this career choice. The course utilizes a field-based component to connect seminar session topics with actual classroom practice. In addition to reflection on their experiences, students will examine the following critical topics in schools: current initiatives and issues, exemplars of good teaching, diverse needs of students, curriculum, culture, organization, and the multiple roles and professional and ethical expectations of teachers. Most importantly, it is mission-centric in that it promotes teachers’ roles as change agents for social justice. Students will complete a 10-hour Service Learning experience in a local public school.  
Fulfills College Core: Field 5 (Social Sciences)  
Offered: Spring/Fall

**EDU 123 Technology in Education 1**  
1 Credit  
Explores applications of technology in education. Emphasizes evaluation and selection of software, high and low-tech devices, distance learning and state of the art technologies that impact teaching.  
Offered: fall & spring.

**EDU 223 Technology in Education 2**  
1 Credit  
Explores applications of technology in education. Emphasizes evaluation and selection of software, high and low-tech devices, distance learning and state of the art technologies that impact teaching.  
Offered: fall & spring.

**EDU 250 Foundations of Education**  
3 Credits  
Addresses social, philosophical, legal, historical, organizational, theoretical perspectives on education, including multicultural perspectives. Highlights rights and responsibilities of teachers, students and others involved in education.  
Fulfills College Core: Justice  
Offered: fall & spring.

**EDU 272 Teaching Social Studies Integrating English Language Arts**  
3 Credits  
Addresses the objectives, curriculum, strategies, materials and evaluation necessary for teaching social studies content while integrating standards in English Language Arts. Emphasizes historic, geographic, economic, political ad social concepts highlighting the New York State Standards in SS and ELA. Prerequisites: ECCH 221 and ECCH 222.  
Offered: every spring.

**EDU 323 Technology in Education 3**  
1 Credit  
Explores applications of technology in education. Emphasizes evaluation and selection of software, high and low-tech devices, distance learning and state of the art technologies that impact teaching.  
Offered: fall & spring.

**EDU 356 Assessment for Diverse Learners**  
3 Credits  
Explores applications of technology in education. Emphasizes evaluation and selection of software, high and low-tech devices, distance learning and state of the art technologies that impact teaching.  
Offered: fall & spring.

**EDU 410 Teaching Writing in the Schools**  
3 Credits  
Emphasizes integrating current theories of writing into classroom curricula. Students develop their own composing abilities and strengthen their ability to teach writing in school settings. Open to all Education and Adolescence Education concentrations.

**EDU 428 Teaching Math & Science: Supporting STEM Education**  
3 Credits  
Examines inclusive methods and strategies across all mathematical strands and science disciplinary core ideas. Highlights research-based curricular guidelines for STEM education aligned with the New York State’s Mathematics, Science and Technology standards. Emphasizes problem solving, inquiry skills and assessment practices.  
Prerequisites: ECCH 221 & ECCH 222. Restrictions: must be a senior.  
Offered: fall.

**EDU 432 Pre Student Teaching**  
3 Credits  
Includes practica and seminars that focus on professional reflection and topics related to classroom management, increasing family involvement, teaching to higher standards and assessment at the special education-childhood level. Requires 50 hours of field placement.  
Offered: fall only.
EDU 493 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 and EDU 498.

EDU 494 Capstone Seminar for Teacher Candidates 3 Credits
This seminar will be the culminating course that complements student
teaching education majors. EDU 494 will revolve around assessments
of how well teacher candidates can integrate theoretical principles and
core attributes into the practical work of student teaching. Teacher
candidates will complete readings, engage in classroom discussions and
construct artifacts that will be assessed for their integration of pedagogical
knowledge with issues of diversity, ethics, global awareness and social
justice. The artifacts will demonstrate how well each teacher candidate's
understanding of the four core knowledge attributes is contributing to his or
her development as a teacher.
Restrictions: Senior Teacher Education majors only.
Offered: every fall.

EDU 495 Child Abuse Workshop 0 Credits
Mandatory training by New York State Education Department for teacher
certification. Held during the student teaching seminar.

EDU 496 Prevention of School Violence Workshop 0 Credits
Mandatory training by New York State Education Department for teacher
certification. Held during the student teaching seminar.

EDU 497 Dignity for All Students Act (DASA) Workshop 0 Credits
Provides six hours of training on the components of the Dignity Act, how
school climate impacts students achievement and behavior, understanding
diversity and multi-cultural environments, and understanding bullying,
harassment and discrimination, including indicators, early warning signs,
prevention and intervention and how to interact with families of victims and
aggressors.

EDU 498 Student Teaching Seminar 3 Credits
Student Teaching Seminar enhances the student teaching experience
through opportunities to foster professional growth and guided reflection
on planning, instruction and assessment of learning. The course provides
a professional learning community to assist candidates in the transition to
careers in teaching.

EDU 499 Independent Study 3 Credits
An independent study requires the signature of the department chair and
the associate dean. Independent studies require an application and approval
by the associate dean.
Prerequisite: signature of the program director & associate dean.

Early Childhood Ed (EDY)

EDY 208 Infant/Toddler Care and Education 3 Credits
This course utilizes developmental theory and research findings to examine
issues of attachment, perception, motor skills, cognition, language, emotions
and social skills in children birth through age three. An emphasis is placed
on understanding children in the context of family and culture. Requires 10
hours of field placement: infant/toddler.

EDY 209 Developmentally Appropriate Curriculum in Early Childhood
Classrooms 3 Credits
Emphasizes research-supported practice for enhancing children’s physical,
cognitive, social, emotional and behavioral development within the
framework of the New York State Standards. Focuses on developmentally
appropriate learning opportunities. Requires 10 hours of field placement:
PreK/K.

Health & Phys. Education (HED)

HED 115 Basic Nutrition 3 Credits
This course will address all aspects of proper nutrition. The class will address
material such as macronutrients, micronutrients, daily caloric intake and
portion sizes. Students will gain knowledge of nutrition through class
lectures, interactive activities and peer presentations. Upon successful
completion of the course, students will have a working knowledge of proper
nutrition and appropriate dietary habits.
Offered: fall & spring.

HED 205 Wellness and Fitness 3 Credits
Lecture and laboratory. Skills, teaching methods, resource units, evaluative
instruments, teaching aids, leading to an overall understanding of the
principles of health and wellness. Focus on physical fitness testing,
cardiovascular exercise, muscular strength, muscular endurance, flexibility
and body composition. There is additional focus on special populations,
childhood obesity and the development of a personal fitness program.
Offered: fall & spring.

HED 220 Healthy Behaviors 3 Credits
Examines health determinants and the effects on all seven dimensions of
health. Assessment of personal lifestyle behaviors and factors influencing
current and relevant health issues. Emphasis on personal behavior
modification to practice health-enhancing behaviors and to reduce health
risks. Guidelines for healthy practices related to nutrition, mental health,
cancer prevention, HIV/STDs, cardiovascular disease, stress management,
sexuality, physical fitness, drugs and alcohol and relationships. Establishes
foundation for living healthy and productive lives.
Offered: fall & spring.

HED 308 Early Field Experience Health 0 Credits
The teacher candidate will participate in K-12 school level health education.
To successfully complete this experience the candidate will complete a 30
hour placement with an assigned local health educator.
Prerequisite: signature of program director. Restriction: permission of
program director.
Offered: fall & spring.

HED 321 Lifeguard, C.P.R., First Aid, WSI 3 Credits
Knowledge, skill techniques and appreciations necessary to meet
certification requirements of the American Red Cross. Certification fee
required for this course.
Prerequisite: department swimming test and completion of departmental
recommendation. Restriction: must be in the undergraduate or graduate
must be physical education program.
Offered: fall.

HED 325 School Health 3 Credits
Students explores the most prevalent health and safety issues of schooled
children and youth and examines rationale for health education, theories,
methods, strategies, and techniques of health education program planning.
Additionally, students will plan effective comprehensive school health
education programs: integration of school and community services.
Restriction: must be physical education or physical and health education
major.
Offered: spring.
HED 326 School Health Curriculum 3 Credits
Students will practice strategies and methodologies needed for effectively teaching health education. Students will participate in 50 hours of field experience, if they have not already done so, and will analyze experiences as a process to improving instruction. Students will demonstrate their ability to plan for instruction by writing and implementing learning experiences that meet the National Health Education Standards.

Restriction: must be physical education or physical and health education major.
Offered: fall.

HED 337 Exercise Principles and Applications 3 Credits
This course will address the many aspects of fitness and exercise. Students will experience classroom lecture as well as practical experience in the weight room and other alternative exercise facilities. Students will gain experience in the proper design of exercise programs and will understand the importance of periodization as it relates to exercise. Upon successful completion of this course, the student will have a vast knowledge of the principles surrounding strength and conditioning.

Prerequisite: minimum grade of C in BIO 114 & BIO 114L.
Offered: fall & spring.

HED 361 Psychology of Sport and Mental Health 3 Credits
This course address sport psychology from a sports studies perspective incorporating interdisciplinary knowledge from the social sciences. It is an appropriate approach for many students seeking to understand the psychological processes facing athletes in a competitive environment. Considerable interest surrounds the efforts of sport psychologists to optimize the performance of those characters we call athletes - the sport heroes of our society. Superior athletic performance has long held great intrigue. Tremendous improvements in the identification and measurement of the psychological factors related to athletic performance have resulted in significant improvements in an athlete's ability to produce top level performance on a consistent basis. This course focuses on the application of these psychological principles by athletes, coaches and sport psychology consultants in what has been a quest to produce the ultimate athlete.

Fulfills College Core: Field 5 (Social Sciences)
Offered: fall & spring.

HED 425 Evolution of Disease and Illness 3 Credits
Overview of humanity's triumphs and failures in the ongoing fight against illness and disease. Explores history of disease, current health issues and trends to determine outlook for emerging health concerns of the future. Examines various models of disease to explain disease agents and route of transmission throughout the body's systems. Analysis of disease occurrence, predisposing factors, body's immune response, symptoms, prevention, treatment and control.
Offered: fall & spring.

Physical Education (PED)

PED 203 Lifetime and Fitness Activities 3 Credits
A content-focused physical education course that includes an emphasis on sport and fitness being a learning atmosphere for global awareness. While, the course exposes students to many common and unique sports, it also serves to expose students to other cultures that participate in these lifetime activities. Improving or maintaining fitness will be the focus of this class and might include activities like, but not limited to yoga, pilates, resistance training, spinning, running, fitness walking, fitness swimming, water polo, kickboxing, cardio-kick, zumba and exergaming. A 4-5 week unit on aquatics will also be included in this course. The course also provides coinciding opportunities to gain awareness of cultural variations and regional circumstances, through the lens of a particular sport. Students will be required to demonstrate movement competence in various sports and activities.

Fulfills College Core: Global Awareness
Offered: spring of odd-numbered years.

PED 204 Games and Sports 3 Credits
A content-focused physical education course that includes an emphasis on sport and fitness being a learning atmosphere for global awareness. While, the course exposes students to many common and unique sports, it also serves to expose students to other cultures that participate in these lifetime activities. It includes the games categories of invasion, net/wall, target and field/striking. It also provides coinciding opportunities to gain awareness of cultures, and communities, and societies, through the lens of a particular sport. Students will be required to demonstrate movement competence in various games categories (invasion, net and target, etc.).

Fulfills College Core: Global Awareness
Offered: fall of odd-numbered years.

PED 207 Individual Performance and Dance Activities 3 Credits
Students will learn appropriate organization and teaching progressions for various forms of individual-performance and dance activities taught in the P-12 curricula. Might include, but are not limited to gymnastics, figure skating, track and field, multi-sport events, in-line skating, wrestling, self-defense and skateboarding. Dance or rhythms activities that may focus on, but not limited to dance forms such as creative movement and dance, ballet, modern, ethnic/folk, hip hop, Latin, line, ballroom, social and square.

Offered: spring of even-numbered years.

PED 305 Outdoor Curriculum and Cooperative Activities 3 Credits
A content-focused physical education course that includes an emphasis on sport and fitness being a learning atmosphere for global awareness. While, the course exposes students to many common and unique sports, it also serves to expose students to other cultures that participate in these lifetime activities. It includes the games categories of invasion, net/wall, target and field/striking. It also provides coinciding opportunities to gain awareness of cultures, and communities, and societies, through the lens of a particular sport. Students will be required to demonstrate movement competence in various games categories (invasion, net and target, etc.).

Fulfills College Core: Global Awareness
Offered: spring of odd-numbered years.

PED 306 Early Field Experience Elementary Physical Education 0 Credits
The teacher candidate will participate in K-6 elementary physical education. To successfully complete this experience the candidate will complete a 30 hour placement with an assigned local physical educator.

Prerequisite: signature of program director. Restriction: permission of program director.
Offered: fall & spring.

PED 307 Early Field Experience Secondary Physical Education 0 Credits
The teacher candidate will participate in 7-12 secondary physical education. To successfully complete this experience the candidate will complete a 30 hour placement with an assigned local physical educator.

Prerequisite: signature of program director. Restriction: permission of program director.
Offered: fall & spring.
<table>
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<tr>
<th>Course Title</th>
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<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PED 311 Movement Education and Elementary Activities</td>
<td>3</td>
<td>Conceptual bases, perceptual-motor development and practical applications of movement education. Development, implementation and integration of a physical education program; teaching strategies geared to the elementary level classroom with emphasis on New York and national learning standards in Physical Education. Field experience required. <strong>Restriction:</strong> must be physical education or physical and health education major. <strong>Offered:</strong> spring.</td>
</tr>
<tr>
<td>PED 351 Coaching Theory and Techniques</td>
<td>3</td>
<td>Coaching is a service activity, which can be experienced as a volunteer, as a paid part-time position or can lead to a full-time profession. The athletes we work with are children and young adults. Many participate at the 'house' league level, while others are involved with more competitive and elite programs. Winning is an important aspect of coaching, however providing a positive athletic experience is essential. Winning may take a secondary role to the development of fundamental skills in many situations. This course focuses upon the principles of effective coaching including the role of the coach, ethics and values clarification. The overriding theme examines the interpersonal strategies leading to a productive coach-athlete relationship. <strong>Restriction:</strong> KIN department majors only. <strong>Offered:</strong> spring.</td>
</tr>
<tr>
<td>PED 354 Adapted Physical Education</td>
<td>3</td>
<td>Designed to provide students with an exposure to education, physical education, sport and recreational programming for children with disabilities. Content focuses on variety of disabilities eligible for service under the Individuals with Disabilities Act (IDEA) and the ability to design, conduct, and assess a physical education program that is appropriate for this population. Service-Learning required. <strong>Restriction:</strong> must be physical education or physical and health education major. <strong>Fulfills College Core:</strong> Diversity <strong>Offered:</strong> fall.</td>
</tr>
<tr>
<td>PED 355 Disability Sports</td>
<td>3</td>
<td>Identification of national and international sport and recreational opportunities for individuals with disabilities. Paralympics, Special Olympics, and other disability sport movements and sport classifications will be reviewed. Insight into the historical development of disability sports as well as the delivery of sport models in school and community settings will be included. <strong>Fulfills College Core:</strong> Diversity <strong>Offered:</strong> spring.</td>
</tr>
<tr>
<td>PED 360 Human Growth and Motor Development</td>
<td>3</td>
<td>Examination of principles of growth and developmental theory with an emphasis on factors affecting changes in movement potential of individuals. <strong>Restriction:</strong> must be physical education or physical and health education major. <strong>Offered:</strong> fall.</td>
</tr>
<tr>
<td>PED 365 Principles and Philosophy of Coaching</td>
<td>3</td>
<td>Coaching is a service activity, which can be experienced as a volunteer, as a paid part-time position or can lead to a full-time profession. The athletes we work with are children, young adults and students. Winning is an important aspect of coaching, however providing a positive athletic experience is essential. Winning may take a secondary role to the development of fundamental skills in many situations. This course focuses upon the principles of effective coaching including the role of the coach, practice planning, leadership styles, organization and management, ethics and values clarification, goal setting, communication, career objectives, coaching burn-out and sport psychology. The overriding theme examines the interpersonal strategies leading to a productive coach-athlete relationship. <strong>Restriction:</strong> must be physical education or physical and health education major; permission of program director. <strong>Offered:</strong> spring.</td>
</tr>
<tr>
<td>PED 371 Assessment in Physical Education</td>
<td>3</td>
<td>This course will introduce the teacher candidate to assessment and its role in the physical education profession. Topics include fitness testing, integrating physical education assessment tools, and basic statistics. In addition, there will be a focus on the evaluation of the New York State Standards, authentic assessments and SHAPE America guidelines. <strong>Restriction:</strong> must be physical education or physical and health education major; permission of program director. <strong>Fulfills College Core:</strong> Advanced Writing-Intensive <strong>Offered:</strong> spring.</td>
</tr>
<tr>
<td>PED 372 Seminar in Kinesiology</td>
<td>3</td>
<td>The course requires students to engage in professional writing; students will be taught how to conduct and write about a given topic. All course-content will be research-based, and students will be encouraged to see the connections between the research used throughout the class and the specific topic they are reviewing for the extended writing project. <strong>Restriction:</strong> KIN department majors only. <strong>Fulfills College Core:</strong> Advanced Writing-Intensive <strong>Offered:</strong> spring.</td>
</tr>
<tr>
<td>PED 380 Concepts of Teaching Sport Skills</td>
<td>3</td>
<td>The purpose of this course is to give each student an in depth exposure to and an understanding of the various motor learning principles and factors influencing the acquisition of motor skills. The central focus of the course will be directed to the learning process. Age appropriate activities and instructional guidelines will be examined. This includes the variables related to the learner, the skills to be acquired and the instructional procedures that can be used by the physical educator, coach or exercise specialist. <strong>Restriction:</strong> must be physical education or physical and health education major. <strong>Offered:</strong> spring.</td>
</tr>
<tr>
<td>PED 441 Teaching Methods in Physical Education</td>
<td>3</td>
<td>Development, implementation and integration of a physical education program; teaching strategies for K-12 physical education with emphasis on New York and national learning standards in Physical Education. <strong>Prerequisite:</strong> signature of program director. <strong>Restriction:</strong> permission of program director. <strong>Fulfills College Core:</strong> Oral Communication <strong>Offered:</strong> fall.</td>
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<tr>
<td>PED 441L Teaching Practicum in Physical Education</td>
<td>0</td>
<td>The teacher candidate will train for student teaching at the K-12 school level. To successfully complete this experience the candidate will finish a series of modules designed to bridge the gap between the college classroom and the teaching setting. <strong>Prerequisite:</strong> signature of program director. <strong>Restriction:</strong> permission of program director. <strong>Offered:</strong> fall &amp; spring.</td>
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PED 493 Student Teaching Physical Education/Health: Childhood and Adolescence 12 Credits
Two seven-week, full-time student teaching experiences with one placement in an elementary school (Grades 1-6) and the other placement in a high school (Grades 7-12) culminating in preparation for teacher certification. Grade: Pass/Fail. The combination of PED 493, EDU 495, EDU 496, EDU 497, and EDU 498 during the student teaching semester will count as a full semester of three courses, 15 credit hours.
Prerequisite: Completion of all other course requirements and department approval, and minimum GPA of 2.7 in all major courses. Corequisite: EDU 497 & EDU 498. Restriction: permission of program director.
Offered: fall & spring.

PED 499 Independent Study 1-3 Credits
Independent study with a Kinesiology faculty member with emphasis on research in Physical Education. Independent studies require an application and approval of the associate dean.
Prerequisite: permission of instructor, department chair, & associate dean.
Offered: occasionally.

Special Education (SPE)

SPE 291 Nature and Needs of CH Students with Learning Disabilities 3 Credits
Describes the effect of mild disabilities on childhood. Focuses on collaborative strategies for parental involvement. Highlights the CSE process, placement options and instructional strategies in grades one to six. Requires 20 hours field placement.
Prerequisite: SPE 341. Corequisite: SPE 292.

SPE 292 Remedial Strategies in the Childhood 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 childhood classrooms across the curriculum.
Prerequisite: SPE 100. Corequisite: SPE 291.

SPE 311 Nature/Needs of Childhood Students with Intellectual Disabilities & Autism Spectrum Disorders 3 Credits
Describes effects of MR and other developmental disabilities on childhood. Focuses on collaborative strategies for parental involvement. Highlights instructional strategies for grades 1-6 across the continuum of services. Requires 20 hours field placement.
Prerequisites: SPE 291, SPE 292 & EDU 356.

SPE 312 Multidisciplinary Assessment and Childhood Teaching 3 Credits
Emphasizes a multidisciplinary approach to meet the assessment and learning needs of childhood students with disabilities. Explores assessment and evaluation using the New York State Standards for Severe Disabilities and the Alternative Performance Indicators.

SPE 330 Nature/Needs of Childhood Students with Behavioral Disorders 3 Credits
Describes the effect of Emotional and Behavioral Disorders on children and their families. Highlights NYSED Regulations, collaboration and instructional strategies to address academic and behavioral issues. Requires 20 hours of field placement.
Prerequisites: SPE 311 & SPE 312. Corequisite: ECCH 412.

SPE 335 Classroom Management in Childhood Classrooms 3 Credits
 Discusses implications of behavior management and importance of a proactive approach to prevent behavior problems. Emphasizes appropriate classroom structure, and individual and group contingencies to support children with E/BD in grades 1-6.

SPE 341 Inclusive Strategies 3 Credits
Highlights best practices in general education for students with disabilities. Illustrates current developments in special education. Emphasizes collaboration.
Fulfills College Core: Diversity

SPE 432 Seminar in Teaching and Assessment 3 Credits
Includes practica and seminars that focus on professional reflection and topics related to classroom management, increasing family involvement, teaching to higher standards and assessment at the special education-childhood level. Requires 50 hours of field placement.
Fulfills College Core: Oral Communication

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 494 & 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.