

# 4+1 - BA OR BS IN CONTENT AREA AND STUDENTS WITH DISABILITIES ALL GRADES (MSED)

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Canisius University is now offering a 4+1 (Bachelor's and Master's degree program) for content area majors who wish to become teachers. Content areas include Biology, Chemistry, English, Mathematics, and History. Students in this program are advised as undergraduates to add certain education courses as electives so they are prepared for both Adolescence Education 7-12 certification in their content area and Students with Disabilities (All Grades: PreK-Grade 12) certification.

These programs were created because there is a growing shortage of teachers in Adolescence Teaching Students with Disabilities. Candidates completing this program will earn a BA/BS in their content area and a MSEd, and will be certified to teach in mainstream and special education classrooms.

## Grade Requirements

Graduate students enrolled in initial certification programs must achieve a C or above in all course requirements and a B- or above in all graduate program coursework. Failure to meet these requirements will require repeating the course &/or completing additional coursework.

## 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://canisius.atlassian.net/wiki/spaces/AcadAffairs/pages/34964198/Professional+Licensure+Notification/>) 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.

## Curriculum

The 4+1 programs offer a BA/BS in the content area as well as a MSEd in Special Education. This 4+1 program also leads to Initial Adolescence certification in the content area as well as Initial certification in Students with Disabilities (All Grades: PreK-Grade 12). Since the program leads to two teaching certificates, candidates must meet the content requirements for both certificates over the course of the five years. In some instances, New York State has additional requirements for certification; for example, all candidates certified to teach Students with Disabilities need two math courses, two English courses, two social studies courses, and two science courses. These are identified as appropriate.

## Undergraduate Requirements

### An Ignatian Foundation

All undergraduate students must complete either the Canisius Core Curriculum (<http://catalog.canisius.edu/undergraduate/academics/curricular-information/core-curriculum/>) or the All-College Honors

Curriculum (<http://catalog.canisius.edu/undergraduate/academics/curricular-information/all-college-honors-program/>). Many schools refer to their college-wide undergraduate requirements as "general education" requirements. We believe that the core curriculum and the honors curriculum are more than a series of required classes; they provide the basis for a Jesuit education both with content and with required knowledge and skills attributes that are central to our mission.

## Content Areas BIOLOGY

The Biology major (<http://catalog.canisius.edu/undergraduate/college-arts-sciences/biology/>) (please see the BIO-MSEd 4+1 Curriculum and Roadmap tabs within the major) meets the biology content requirement for certification in Adolescence 7-12 Biology.

## CHEMISTRY

The Chemistry major (<http://catalog.canisius.edu/undergraduate/college-arts-sciences/chemistry/>) (please see the Chemistry BS-MSEd 4+1 Curriculum and Roadmap tabs with the major) meets many of the state certification requirements in Chemistry.

## ENGLISH

The English major (<http://catalog.canisius.edu/undergraduate/college-arts-sciences/english/english/>) (please see the English-MSEd 4+1 Curriculum and Roadmap tabs with the major) meets the English content requirements for certification in Adolescence 7-12 English.

## MATHEMATICS

The Mathematics major (<http://catalog.canisius.edu/undergraduate/college-arts-sciences/mathematics-statistics/>) (please see the Mathematics BS-MSEd 4+1 Curriculum tab with the major) meets the Mathematics content requirements for certification in Adolescence 7-12 Mathematics.

## SOCIAL STUDIES (HISTORY)

The History major (<http://catalog.canisius.edu/undergraduate/college-arts-sciences/history/>) (please see the History BA/MSEd 4+1 Curriculum and Roadmap tabs with the major) meets many of the state certification requirements in Social Studies. In addition, Social Studies candidates need to take a course in geography, cultural studies, political science or government, and economics. It may be possible to find a history course that also includes content in one of these areas.

## Education Course List:

The education curriculum is provided below. Notice that several foundation courses are taken at the undergraduate level intermingled with other undergraduate requirements. The graduate courses begin at the 500 level and continue until completion. These 4+1 programs can be completed in as little as 5 years if some summer coursework is included.

The education curriculum is provided below for the MSEd portion of the 4+1 programs. Notice that several foundation courses are taken at the undergraduate level intermingled with other undergraduate requirements. The graduate courses begin at the 500 level and continue until completion.

Code	Title	Credits
<b>Undergraduate Requirements</b>		
EDS 101	Human Growth and Social Development: Adolescence	3
EDS 223	Foundations of Adolescent Literacy (20 hours of field experience required)	3

EDS 360	Evaluation and Teaching Strategies (30 hours of field experience required)	3
EDU 250	Foundations of Education	3
EDU 356	Assessment for Diverse Learners	3
SPE 341	Inclusive Strategies	3
Please select one of the following:		3
EDS 402	Methods of Teaching English: Adolescence (30 hours of field experience required)	
	or EDS 403 Methods of Teaching Mathematics: Adolescence	
	or EDS 405 Methods of Teaching Science: Adolescence	
	or EDS 406 Methods of Teaching Social Studies: Adolescence	
<b>Graduate Requirements</b>		
EDU 595	Child Abuse Workshop	0
EDU 596	Prevention of School Violence Workshop	0
EDU 597	Dignity for All Students Workshop	0
EDU 615	Research Methods	3
SPE 580	Classroom Management	3
SPE 631	Reading and Writing Process for Students with Learning and Behavioral Disorders (25 hours of field experience required)	3
SPE 640	Learning and Behavioral Disabilities (LBD); Etiology and Research Based Interventions	3
SPE 644	Collaborative Practices on a Transdisciplinary Team	3
SPE 649	Transition for Adolescents with Disabilities	3
SPE 650	Intellectual Disabilities and Autism Spectrum Disorders: Etiology & Educational Needs	3
SPE 652	Functional Curriculum for Students with Severe Disabilities and ASD (25 hours of field experience required)	3
SPE 698	Seminar in Teaching and Assessment (50 hours of field experience required)	3
SPE 693	Student Teaching	9
SPE 697	Student Teaching Seminar	0
<b>Total Credits</b>		<b>57</b>