

Queens College
Secondary Education & Youth Services (SEYS)

Graduate Science Education Initial Certificate

AEBIO-AC AECHM-AC AEESCI-AC AEPHY-AC

Powdermaker Hall 150 718-997-5150

PLEASE CHECK WITH AN ADVISOR FOR UPDATES TO THE PROGRAM.

SEYS Advisors:	Dr. Stephen Farenga	stephen.farenga@qc.cuny.edu	718-997-5195
	Dr. Salvatore Garofalo	salvatore.garofalo@qc.cuny.edu	718-997-5182

Program of Study

Applicant must have a minimum GPA of 3.0 and a major in a traditional science or at least 21 credits in one traditional science discipline (baccalaureate or latest degree). The balance of the science credits required for NYSED certification (36 credits, total, with a minimum of 30 credits of the 36 credits in one science) must be taken before a candidate is approved for certification. A minimum grade of B is required in 562 and student teaching.

Advanced Certificate Program in Science Education is a 24-credit graduate program which leads to initial certification to teach science in grades 7-12 in New York State.

This program is designed for candidates who have completed an undergraduate major in biology, chemistry, geosciences or physics. **However**, if students have already completed a minimum of 30 credits in college-level science courses in one science discipline (the equivalent of a science major) with a minimum GPA of 3.0, they are eligible to apply to the Advanced Certificate program.

A minimum overall undergraduate GPA of 3.0 and science GPA of 3.0 are required to enter and remain in the program. Candidates who do not meet this requirement may sometimes be permitted to enter as probationary matriculants. Probationary status will be removed when the first 12 credits of approved course work have been completed with a minimum average of B (3.0).

In addition to the general requirements for admission, a candidate must have two letters of recommendation to be admitted. GRE is not required.

Please note that the only way to register for education courses is to email the SEYS department at seys@qc.cuny.edu from your QC email address.

GENERAL COURSE SEQUENCE

Course Number	Title	Pre-requisites and Co-requisites	Credits	Fieldwork Required	Semester Completed
SEYS 536 (Spring or Fall)	Historical, Social and Philosophical Foundations of Education	Matriculation in program	3	30 Hours Fieldwork	
SEYS 700 (Spring or Fall)	Language, Literacy, and Culture In Education	Matriculation in program	3	30 Hours Fieldwork	
ECPSE 550 (Spring or Fall)	Foundations of Special Education	Matriculation in program	*3	15 Hours of Fieldwork	

SEYS 562 (Spring only)	Seminar in Teaching Science in Middle and High School	Matriculation in program	3	30 Hours Fieldwork	
SEYS 552 (Spring only)	Educational Psychology	Matriculation in program	3	30 Hours Fieldwork	
SEYS 572.2** (Fall only)	Initial Clinical Experience in Middle or High School	Pre-requisite: SEYS 536, SEYS 700, Grade of “B” or higher in SEYS 562 Co-requisite: SEYS 582	3	5 Days/Week	
SEYS 582** (Fall only)	Standards-Based Curriculum and Assessment in Teaching Science	Pre-requisite: SEYS 536, SEYS 700, Grade of “B” or higher in SEYS 562 Co-requisite: SEYS 572.2	3		
SEYS 572.4 (Spring only)	Student Teaching in Middle or High School (flip from ICE)	Pre-requisite: SEYS 552, Grade of “B” or higher in SEYS 573.2 & SEYS 583	3	5 Days/Week	
TOTAL NUMBER OF CREDITS			21 + *3		

All students are required to complete 100 hours of fieldwork prior to Student Teaching I.

*Credits not applicable to the Program’s Total Number of Credits

**Submission of CST official score report, with overall score and sub-scores (candidates who do not pass must develop a remediation plan signed by advisor prior to student teaching).

Additional Requirements for Initial Certification (Exams and Workshops):

After completing Part 1 program coursework *and* the requirements below, you will be eligible to apply for initial certification to begin teaching in New York State.

State Requirements	Exam or Workshop	Notes	✓ Check when completed
Content Specialty Test (CST)	Exam	Go to NYSTCE website for test info: www.nystce.nesinc.com . Take after completion of 30 credits in certification area.	
Educating All Students (EAS)	Exam	Go to NYSTCE website for test info: www.nystce.nesinc.com . Take upon completion of ECPSE 550	
Child Abuse Identification workshop	Workshop	Suggested before or during SEYS 562	
School Violence Prevention and Intervention workshop	Workshop	Suggested before or during SEYS 562	
Dignity for All Students Act (DASA)	Workshop	Suggested before or during SEYS 562	

Fingerprinting Requirement		To be completed early in the program and no later than the semester in which you take SEYS 562. All candidates in teacher preparation programs must be fingerprinted by NYC Public Schools (this is different from NYS fingerprinting). Students already fingerprinted by NYC Public Schools will need to connect their record to Queens College. Steps to complete this requirement can be found on the School of Education fingerprinting information website: https://www.qc.cuny.edu/academics/se/fingerprinting-policies-procedures/	
• For more information about state certification, please visit: https://www.qc.cuny.edu/academics/se/teacher-certification-office/ • For information on required workshops, visit: https://www.qc.cuny.edu/academics/se/teacher-certification-office/			