

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
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Applicant must have a minimum GPA of 3.0 and a major in a traditional science or at least 30 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.

GENERAL COURSE SEQUENCE

Course Number	Title	Pre-requisites and Co-requisites	Credits	Fieldwork Required
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)	Student Teaching I 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	180 + Hours of Clinical Practice M-Th
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 II in Middle or High School	Pre-requisite: SEYS 552, Grade of "B" or higher in SEYS 573.2 & SEYS 583	3	240 + hours, 4-5 periods/day, 5days/week
TOTAL NUMBER OF CREDITS			21 + *3	

All students are required to complete 100 hours of fieldwork prior to the Student Teaching I Initial Clinical Experience.

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

**Submission of Science Safety Workshop Certificates, CST, and EAS (prior to SEYS 582 & SEYS 572.2) 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).

It is noted that students must accumulate through their undergraduate and graduate work a minimum total of 36 credits in science with a minimum of 30 of those credits in their specialist discipline (i.e., biology, chemistry, earth science, physics) to satisfy the New York State requirement for certification in the specialty area. Note well that science majors also have cognate science classes that are required as part of their program of study.

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