

Queens College
Secondary Education & Youth Services (SEYS)

Undergraduate Science Education Initial Certificate

BIOL712-BA

CHEM712-BA

GEOL712-BA

PHYS712-BA

SEYS Advisors:	Dr. Stephen Farenga	stephen.farenga@qc.cuny.edu	718-997-5195
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Undergraduate students must have completed at least 24-30 credits in a traditional science major (biology, chemistry, geology, physics) with a minimum average of 2.75 in order to declare the science education major. Qualified students must have a major form signed by the appropriate science department advisor and then by an advisor in SEYS (PH 150). The forms should be submitted by the upper sophomore/lower junior year. Candidates must earn a minimum letter grade of B in SEYS 362 and Student Teaching I and II.

Course Number	Title	Pre-requisites and Co-Requisites	Credits	Fieldwork Required	Semester Completed
SEYS 201W	Historical, Social, and Philosophical Foundations of Education	Major Declared	3	25 Hours Fieldwork	
SEYS 221	Development and Learning in Middle Childhood & Adolescence	Major Declared	3	25 Hours Fieldwork	
ECPSE 350	Foundations of Special Education	Major Declared	3	15 Hours of Fieldwork	
SEYS 340	Language, Literacy, and Culture in Education	Pre-requisite: SEYS 201W	3	25 Hours Fieldwork	
SEYS 362 (Spring only)	Instructional Methods in Middle Childhood and Adolescent Science and Technology Education	Pre-requisite: SEYS 201W, SEYS 221	3	25 Hours Fieldwork	
SEYS 350 (Fall only)	Cognition, Technology, and Instruction for Diverse Learners	Pre-requisite: SEYS 221	3	25 Hours Fieldwork (No fieldwork if taken in the same semester as ST1)	
SEYS 372.2* (Fall only)	Student Teaching I in Science and Technology for Middle and High School	Pre-requisite: SEYS 340, Grade of "B" or higher in SEYS 362 Co-requisite: SEYS 382	3	5 Days/Week	
SEYS 382* (Fall only)	Curriculum, Instruction, and Assessment in Teaching Science and Technology to Middle Childhood and Adolescent Students	Pre-requisite: SEYS 340, Grade of "B" or higher in SEYS 362 Co-requisite: SEYS 372.2	3	No Fieldwork	
SEYS 372.4 (Spring only)	Student Teaching II in Science and Technology for Middle and High School	Pre-requisite: SEYS 350, Grade of "B" or higher in SEYS 372.2 & SEYS 382	3	5 Days/Week	
TOTAL NUMBER OF CREDITS			27		

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

*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		<p>To be completed early in the program and no later than the semester in which you take SEYS 562.</p> <p>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.</p> <p>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/</p>	
<ul style="list-style-type: none"> • 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/ 			