

Queens College
Department of Secondary Education and Youth Services
Graduate Science Initial Certificate Program

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Secondary Science Education Graduate Initial Certificate Concentration Form *

Requirements to apply to the program: Applicant must have a minimum GPA of 3.0 (baccalaureate or latest degree), and have a major in a traditional science or have at least 21 credits in one traditional science discipline. 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 each course to continue in the certification program.

Course Number	Title	Credits	Fieldwork
SEYS 536	Educational Foundations	3	30+ hours
SEYS 700	Language, Literacy and Culture in Education	3	30+ hours
SEYS 552 (Pre-requisites 536 & SEYS 700)	Educational Psychology (Spring or Fall)	3	30+ hours in middle school
SEYS 562	Seminar in the Teaching of Science in Middle and High Schools (Fall ONLY)	3	30 hours
SEYS 572.2	Middle School or High School Initial ClinExp (Fall ONLY)	2	100 hours
SEYS 572 (Co-requisite 582)	Student Teaching in Science for High School and/ or Middle School (Spring ONLY)	4	
SEYS 582 (Co-requisite 572)	Standards-Based Curriculum and Assessment in Teaching Science (Spring ONLY)	3	
*	*	3	

* In 2010, New York State mandated that all initial certificate programs must have a course on teaching children with disabilities. A three credit course will be added to the graduate program and beginning fall 2011, graduate students accepted to the initial certificate program will fall under the new NYSED certification guidelines.

