

**Master of Science Childhood Education
WITH A SPECIALIZATION IN SCIENCE**

PROGRAM REQUIREMENTS (39 credits)

We are delighted that you have chosen to specialize in science. This graduate specialty is designed for early, elementary and middle school teachers. Courses in the science specialty are designed to extend your body of knowledge in science. These courses will not only expand your knowledge in life, physical and environmental science they will also include discussions about science as a way of knowing, major theories and concepts of how people learn science, and strategies for how to teach science.

Soon after you chose your specialization you should meet with an advisor to discuss your plan of study. We are also interested in hearing about your short and long-term career goals.

Advisor:

Susan Kirch (718) 997-5348 PH rm#054U susan_kirch@qc.edu

Courses	Credit	Semester Taken
ADVANCED STUDY CORE (15 Credits) Select ONE of the following 3-credit courses: EECE 702 Social Foundations of Education EECE 704 Major Contemporary Issues in Education EECE 705 School and Community	3	
Select ONE of the following 3-credit courses: EECE 710 Ecological Perspectives on Development: The Early Years EECE 711 Ecological Perspectives on Development: The Childhood Years EECE 717 Ecological Perspectives on Development: The Adolescent Years	3	
Take ALL of the following courses: EECE 703 Classroom Realities in Diverse Settings EECE 780 Introduction to Educational Research (This course should be taken within your first 12 credits) EECE 782 Teacher as a Researcher (This is the final course in the program)	3 3 3	
INTERDISCIPLINARY CORE (12 credits) Take ALL of the following 3-credit courses: EECE 796 Exploring Problems in History through Literature EECE 797 Queens County as a Learning Lab EECE 798 Reading and Writing for Learning in Science EECE 799 Exploring Mathematical Ideas through Literature	3 3 3 3	
SPECIALTY PROGRAM (12 credits) Take BOTH of the following 3-credit courses: EECE 753 Teaching Science in the Elementary School EECE 800 Issues in Math, Science and Technology (This course must be taken before EECE 782)	3 3	
Take TWO of the following 3-credit electives: EECE 757 Physical Science for Elementary School Teachers EECE 758 Life Science for Elementary School Teachers EECE 759 Environmental Literature	6	

*******MAT Candidates*******

To receive an Elementary Science Certificate you must finish 12 additional specialty credits in addition to the other requirements of the MAT. Please meet with a Science Specialization advisor to discuss your plan of study and your short and long-term career goals.