

PROGRAM (b).

(Biology: NYS program code: 25025D; HEGIS #: 0804.00; ISIS code: NB1)

(Chemistry: NYS program code: 25025E; HEGIS #: 0804.00; ISIS code: NK1)

(Physics: NYS program code: 25025F; HEGIS #: 0804.00; ISIS code: NP1)

(Earth Science: NYS program code: 25025G; HEGIS #: 0804.00; ISIS code: NZ1)

Advanced Certificate in Middle Childhood Specialist

(Biology/ Chemistry/ Physics/ or Earth Science; for current teachers w/ Master degree)

Leads to the following NYS certification(s):

- ***Middle Childhood Education (Grades 5-9) as a specialist in biology/ chemistry/ physics/ or earth science (Initial + Professional)***

(6-18 credits of coursework + 2 credits of field experiences)

Program of study

Whenever there is an option, please circle your choice. Also indicate the academic year and semester in which you plan to take each course, or whether you already took it as part of your previous certification (in which case you can do not need to take it again):

Course #	Course Title	Credits	Semester(s) Offered	To be taken in (fill in)
ED 415	Adolescent Development & Youth Culture (10-20 years) <i>(transferred in for all secondary teachers)</i>	3	Su, F	
EDU 498	Literacy Learning as Social Practice <i>(transferred in for all our graduates)</i>	3	Su, F	
EDU 427	Theory & Practice in Teaching & Learning Literacy in Elementary School <i>(transferred in for all elementary teachers and our graduates in Early Childhood and Middle Childhood)</i>	3	F	
EDU429	Theory & Practice in Teaching & Learning Science in Elementary School <i>(transferred in for all elementary teachers)</i>	3	Sp	
EDU434	Theory & Practice in Teaching & Learning Science	3	F	
EDU448	Implementing Innovation in Science Education	3	Sp	
	<i>Field-based Courses:</i>			
EDF 410 OR: EDF 411	Field Experiences in Middle Childhood OR: Field Experiences in Inclusive Middle Childhood Settings	2	F	