

## ***PROGRAM (d).***

(Biology: NYS program code: 25027D; HEGIS #: 0803.00; ISIS code: NB2)

(Chemistry: NYS program code: 25027E; HEGIS #: 0803.00; ISIS code: NK2)

(Physics: NYS program code: 25027F; HEGIS #: 0803.00; ISIS code: NP2)

(Earth Science: NYS program code: 25027G; HEGIS #: 0803.00; ISIS code: NZ2)

## **Advanced Certificate in Adolescence Education**

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

***Leads to the following NYS certification(s):***

- ***Adolescence Education (Grades 7-12) as a specialist in biology/ chemistry/ physics/ or earth science (Initial + Professional)***

***(9-12 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):*

<b>Course #</b>	<b>Course Title</b>	<b>Credits</b>	<b>Semester(s) Offered</b>	<b>To be taken in (fill in)</b>
ED 415	Adolescent Development & Youth Culture (10-20 years) <i>(transferred in for all secondary teachers)</i>	3	Su, F	
EDU486	Integrating Science and Technology OR: Technology-rich science course	3	Su (even)	
EDU434	Theory & Practice in Teaching & Learning Science	3	F	
EDU448	Implementing Innovation in Science Education OR: Technology-rich course offered by the CAS department of specialization	3	Sp	
	<b><i>Field-based Courses:</i></b>			
EDF 416 OR: EDF 417	Field Experiences in Secondary School OR: Field Experiences in Inclusive Secondary School Settings	2	F	