

## **PROGRAM (c3).**

(Biology: NYS program code: 25071B; HEGIS #: 0808.00; ISIS code: PB4)  
(Chemistry: NYS program code: 25073B; HEGIS #: 0808.00; ISIS code: PK4)  
(Physics: NYS program code: 25074B; HEGIS #: 0808.00; ISIS code: PP4)  
(Earth Science: NYS program code: 25075B; HEGIS #: 0808.00; ISIS code: PZ4)

## **M.S. in Inclusion Adolescence Education: Biology/ Chemistry/ Physics/ or Earth Science**

*(for current Adolescence biology/ chemistry/ physics/ or earth science teachers)*

(for teachers with initial certification as specialists in the same Science at the same grade level)

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

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

*(30 credits of coursework + 0-5 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 either transfer it into your program – for a maximum of 10 credits if the course was taken at the graduate level and is approved – or substitute it with an elective if the course was taken at the undergraduate level):*

<b>Course #</b>	<b>Course Title</b>	<b>Credits</b>	<b>Semester(s) Offered</b>	<b>To be taken in (fill in)</b>
	<b>Masters' Core:</b>			
ED 406	Masters' Research Methods	3	Su, F, Sp	
EDU442	Race, Class, Gender & Disability in American Education	3	Su, Sp	
	<b>Specialization Courses:</b>			
EDU434	Theory & Practice in Teaching & Learning Science	3	F	
EDU448	Implementing Innovation in Science Education	3	Sp	
ED 447	Disability and Schools	3	Su, F	
ED405	Assessment in Instructional Contexts	3	F	
ED 451	Teaching and Learning in Inclusive Classrooms	3	F	
ED 446	Collaborative Teaching Partnerships in Inclusive Classrooms	3	Su	
ED 452	Instructional Strategies for Inclusive Classrooms	3	Sp	
	<b>Electives:</b>			
	<i>One elective (or more if some of the previous courses -- or equivalent -- were taken before)—SPECIFY:</i>	3		
	<b>Field-based Courses:</b>			
EDF 417	Field Experiences in Inclusive Secondary School Settings <i>(for AD teachers, if needed)</i>	2	F	
EDF 419	Student Teaching in Inclusive Secondary School Settings (A) <i>(for AD teachers, if needed)</i>	3	Sp	
	<b>Master's Essay</b>	0		

## **Sample program A -- full-time student starting in Summer**

*(Eliminate or substitute with an elective any course you already took in a previous program)*

### **Summer 1:**

- Disability and Schools *(3 credits)*
- Collaborative Teaching Partnerships in Inclusive Classrooms *(3 credits)*
- Elective *(3 credits)*
- Race, Class, Gender and Disability in American Education *(3 credits)*

### **Fall 1:**

- Theory and Practice in Teaching and Learning Science *(3 credits)*
- Teaching & Learning in Inclusive Classrooms *(3 credits)*
- Assessment in Instructional Contexts *(3 credits)*
- Masters' Research Methods *(3 credits)*
- Field Experiences in Inclusive Secondary School Settings *(for AD teachers, if needed) (2 credits)*

### **Spring 1:**

- Implementing Innovation in Science Education *(3 credits)*
- Instructional Strategies for Inclusive Classrooms *(3 credits)*
- Student Teaching in Inclusive Secondary School Settings (A) *(for AD teachers, if needed) (3 credits)*
- Master's Essay *(0 credits)*

## **Sample program B -- part-time student starting in Summer and taking 2 courses per semester**

*(Eliminate or substitute with an elective any course you already took in a previous program)*

### **Summer 1:**

- Disability and Schools (*3 credits*)
- Race, Class, Gender and Disability in American Education (*3 credits*)

### **Fall 1:**

- Teaching & Learning in Inclusive Classrooms (*3 credits*)
- Assessment in Instructional Contexts (*3 credits*)

### **Spring 1:**

- Masters' Research Methods (*3 credits*)
- Instructional Strategies for Inclusive Classrooms (*3 credits*)

### **Summer 2:**

- Collaborative Teaching Partnerships in Inclusive Classrooms (*3 credits*)
- Elective (*3 credits*)

### **Fall 2:**

- Theory and Practice in Teaching and Learning Science (*3 credits*)
- Field Experiences in Inclusive Secondary School Settings (*for AD teachers, if needed*) (*2 credits*)

### **Spring 2:**

- Implementing Innovation in Science Education (*3 credits*)
- Student Teaching in Inclusive Secondary School Settings (A) (*for AD teachers, if needed*) (*3 credits*)
- Master's Essay (*0 credits*)

## **Sample program C -- part-time student starting in Fall and taking 2 courses per semester**

*(Eliminate or substitute with an elective any course you already took in a previous program)*

### **Fall 1:**

- Disability and Schools (*3 credits*)
- Teaching & Learning in Inclusive Classrooms (*3 credits*)

### **Spring 1:**

- Masters' Research Methods (*3 credits*)
- Instructional Strategies for Inclusive Classrooms (*3 credits*)

### **Summer 2:**

- Race, Class, Gender and Disability in American Education (*3 credits*)
- Collaborative Teaching Partnerships in Inclusive Classrooms (*3 credits*)

### **Fall 2:**

- Assessment in Instructional Contexts (*3 credits*)
- Theory and Practice in Teaching and Learning Science (*3 credits*)
- Field Experiences in Inclusive Secondary School Settings (*for AD teachers, if needed*) (*2 credits*)

### **Spring 2:**

- Implementing Innovation in Science Education (*3 credits*)
- Student Teaching in Inclusive Secondary School Settings (A) (*for AD teachers, if needed*) (*3 credits*)
- Master's Essay (*0 credits*)

### **Summer 3:**

- Elective (*3 credits*)