

School of Education and Child Development 2024-2025  
 Post-Baccalaureate Teacher Certification  
 Chemistry Education 9-12



Student Name/ID

Date/Advisor

**TEACHER EDUCATION PROGRAM ADMITTANCE**

Please refer to [www.drury.edu/education](http://www.drury.edu/education) for admission procedures & grade requirements

*Click Student Resources > Admission Procedures for admission requirements*

State Certification GPA Requirement: Professional (Foundations of Education and Teaching Methods courses) and Content GPA of 3.00 or above.

**CONTENT AREA**

Course code	Description	Completed with	Institution	Hours	Grade
PHIL 277	Philosophy of Science			3	
CHEM 238	Inorganic Chemistry			3	
CHEM 208	Analytical Chemistry			3	
CHEM 312 or CHEM 315	Organic Chemistry Reactions/Organic Chemistry			3	
CHEM 327	Physical Chemistry			3	
CHEM 336	Biochemistry			3	
CHEM	choose course(s) to meet 20 hours for Chemistry				
BIOL 172	Exploring Molecular Biology			3	
PHYS 201	Principles of Physics			4	
PHYS 100	Earth Science			3	
BIOL 163 or BIOL 200	Science of the Environment or Ecology			3	

*Questions about courses that will meet certification requirements should be directed to Certification Officer*

**TEACHER CERTIFICATION REQUIREMENTS**

Course code	Description	Completed with	Institution	Hours	Grade
COMM 211	Presentational Speaking			3	
ENGL 150	Composition			3	
ENGL 207	Expository Writing			3	

FOUNDATIONS OF EDUCATION					
Course code	Description	Completed with	Institution	Hours	Grade
EDUC 200/SCI 621	Technology in the Classroom			3	
EDUC 205/EDUC 621	Diversity & Social Justice in Education			3	
EDUC 207/EDUC 607	Psychology of Human Growth & Development			3	
EDUC 302/EDUC 605	Educational Psychology & Assessment			3	
EDUC 331/EDUC 632	Content Area Literacy			3	
EDUC 340/EDUC 606	Education of the Exceptional Child			3	

TEACHING METHODS					
Course code	Description	Completed with	Institution	Hours	Grade
EDUC 304/EDUC 638	Teaching in Diverse Classrooms			3	
EDUC 361/EDUC 608	Collaborative Classroom Environments			3	
EDUC 376	Student Assessment and Data Analysis			3	
EDUC 385	Secondary School Curriculum			3	
EDUC 308	Secondary Content Area Literacy			3	
EDUC 350/SCI 631 (fall only)	Methods of Teaching the Biol & Phys Sciences			2	

CLINICAL AND FIELD EXPERIENCES					
Course code	Description	Completed with	Institution	Hours	Grade
EDUC 208 & EDUC 212/213	Introductory Practicum & Professional Prep			1	
EDUC 303	Secondary Education Practicum			1	
<p>Please note that all students must obtain their Missouri Substitute Certificate and attempt the MoCA prior to student teaching. If the MoCA is not passed the student will be enrolled in EDUC 475 - Review for Teacher Certification Exams during the student teaching semester.</p>					
<p><b>Student Teaching Applications Due: August 1 for Spring Student Teaching February 1 for Fall Student Teaching</b></p>					
EDUC 478	Student Teaching			10	

<b>M.Ed. In Secondary Education Curriculum &amp; Instruction: (30 hours)</b>					
<b>Required: (15 hours)</b>		<b>Emphasis courses: (15 hours)</b>		<b>*Course can be used to meet certification requirements</b>	
SCI 621*	EDUC 605*	EDUC 634	EDUC 665*		
EDUC 621*		Teaching Field Elective*	Teaching Field Elective*		
EDUC 689	EDUC 700	Teaching Field Elective*			

