

CSU-Pueblo Teacher Education Program

CONTENT COURSES ADVISING WORKSHEET

Biology (Post Grad Licensure in Secondary Science)



Required Science Courses:

Prefix/Number	Course Title	Credit Hours	Semester Completed/Where	Grade
MATH 221	Applied Calculus	4	/	
GEOL 101/L	Earth Science & Lab	4	/	
PHYS 201/L	Principles of Physics I & Lab	4	/	
PHYS 202/L	Principles of Physics II & Lab	4	/	
CHEM 121/L	General Chemistry I & Lab	5	/	
CHEM 122/L	General Chemistry II & Lab	5	/	
CHEM 211/L OR	Intro to Org.Chemistry & Lab	4-5		
CHEM 301/L	Org. Chemistry I & Lab		/	
BIOL 181/L	College Biology I	4	/	
BIOL 182/L	College Biology II	4	/	
BIOL 201/L OR	Botany OR	4		
BIOL 202/L	Zoology		/	
BIOL 350	Mendelian & Pop. Genetics	2	/	
BIOL 351	Molecular Biology & Genetics	2	/	
BIOL 206/L OR	Intro to Microbiology & Lab	4-5		
BIOL 301/L	Gen Microbiology & Lab		/	
One of the following courses:				
BIOL 223/L	Human Phys. & Anatomy I	4	/	
BIOL 224/L	Human Phys. & Anatomy II	4	/	
BIOL 414/L	Vertebrate Physiology	4	/	
BIOL 352	Evolutionary Bio. & Ecology	3	/	
BIOL 378	Lab in Teaching Biology	1	/	
BIOL ELECT	App. Upper Div Field Elec.	3-4	/	
BIOL ELECT	App. Upper Div Elec./Lab	3	/	
TOTAL		64-67		

ALL Courses, Unless Specified, REQUIRE \geq "C" Grade

ANY SUBSTITUTIONS MUST BE APPROVED BY THE TEP'S ASSOCIATE DEAN

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EDUCATION COURSES ADVISING WORKSHEET

Biology (Post Grad Licensure in Secondary Science)



PRE-ADMISSION REQUIREMENTS

Prefix/Number	Course Title	Credit Hours	Semester Completed/Where	Grade
ENG 101	Composition I	3	/	
ENG 102	Composition II	3	/	
COMR 103*	Speaking & Listening (\geq "B-")	3	/	
MATH	Math 109 (\geq B-) OR Math 121, 124, or 126 (\geq "C") OR Math 109 AND Math 360 or 361 (\geq "C")	3-5	/	

English, Speech Communication, and Math Courses MUST BE COMPLETED Prior to TEP Admission

- * Oral Proficiency test required of: (1) ALL students completing COMR with C or C+
or (2) Degree Plus students who did not take a speech course

ADDITIONAL REQUIREMENTS TO MEET STATE STANDARDS

PSYCH 151, 251, or 342	Approved Developmental Psychology Elective	3	/	
TOTAL		15-17		

PROFESSIONAL EDUCATION COURSES - EDUCATION MINOR

Required Courses:					
Prefix/Number	Course Title	Credit Hours	Field Exp. Hours	Semester Completed/Where	Grade
ED 520	Educational Media & Technology	3	0	/	
ED 202	Foundations of Education	3	30	/	
ED 560**	Prof. Dev. in Curr & Instruction	4	30	/	

Prerequisite for the Following: Admission to Teacher Education Program

ED 512	Teaching Diverse Learners	3	30	/	
ED 544***	Teaching Secondary Science	3+1	60	/	
RDG 535***	Content Area Literacy	3+1	60	/	
ED 485	Capstone Seminar	1	590	/	
ED 488	Student Teaching Secondary	12		/	
TOTAL		34	800		

** Prerequisites: CSU-Pueblo Cumulative GPA of \geq 2.6 and \geq 45 Credit Hrs

*** Students must also register for 1 credit of ED 594 (Field Experience) as a co-requisite for this course.

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