

WSU College of Education Teacher Education Program

Biological Science Endorsement

Requirements: 71-74 Credit Hours

Name: _____ **WSU ID #:** _____

Prefix	Course	Crs.	Grade	Sem.	Notes
BIOLOGY 106	Intro Biology: Organismal Biology	4			
BIOLOGY 107	Intro Biology: Cell Biology & Genetics	4			
BIOLOGY 301	General Genetics	4			
BIOLOGY 372	General Ecology	4			
BIOLOGY 405	Principles of Organic Evolution	3			
BIOLOGY 430	Methods of Teaching Science	3			
BIOLOGY 499	Special Problems	1-3			
MBIOS 303	Intro Biochemistry	4			
MBIOS 305	General Microbiology	3			
MBIOS 306	General Microbiology Lab	2			
PHYSICS 101/201	General Physics/Physics for Sci & Engin. I	4			
PHYSICS 102/202	General Physics/Physics for Sci & Engin. II	4			

Complete Nine (9) Elective Credits of Biological Sciences:

Prefix	Course	Crs.	Grade	Sem.	Notes
		3			
		3			
		3			

Choose One (1) of the Following:

Prefix	Course	Crs.	Grade	Sem.	Notes
MATH 140	Calculus for Life Scientists	4			
MATH 171	Calculus I	4			

Choose One (1) of the Following:

Prefix	Course	Crs.	Grade	Sem.	Notes
PSYCH 311	Elementary Statistics in Psychology	4			
STAT 212	Intro to Statistical Methods	4			
STAT 412	Statistical Methods in Research I	3			

Choose One (1) of the Following:

Prefix	Course	Crs.	Grade	Sem.	Notes
HIST 381	Science in Western Civ. to Newton	3			
HISTORY 382	Science in Western Civ.: Newton-Einstein	3			
SOC 430	Society and Technology	3			
HONORS 390	Global Issues in the Sciences	3			

Additional Required Courses:

Prefix	Course	Crs.	Grade	Sem.	Notes
CHEM 105	Principles of Chemistry I	4			
CHEM 106	Principles of Chemistry II	4			
CHEM 345	Organic Chemistry I	4			

^Endorsements designate the subject matter an individual is authorized to teach.

^The above requirements are for the teaching endorsement only and do not necessarily fulfill the requirements for a major/minor. The student is responsible for all course prerequisites and for satisfying departmental requirements for graduation.