

MONTANA STATE UNIVERSITY 2016-2017 Catalog
POST BACCALAUREATE SEEKING LICENSURE: PHYSICS EXTENDED MAJOR

GID -	Last Name	First Name	Initial	Date
Previous Names				
Local Address		City	State	Zip
Email			Phone	

Academic Courses					Substitution Courses				
Subject	#	Course Title	Cr	Grade	Subject	#	Course Title	Cr	Grade
TAKE ALL OF THE FOLLOWING									
M	242	Methods of Proof	3						
M	328	Higher Math for Sec Teachers	3						
M	329	Modern Geometry	3						
M	428	Math Modeling for Teachers	3						
STAT	216Q	Elementary Statistics	3						
TAKE ONE (1) OF THE FOLLOWING									
M	171Q	Calculus I	4						
M	181Q	Honors Calculus <i>recommended</i>	4						
TAKE ONE (1) OF THE FOLLOWING									
M	172Q	Calculus II	4						
M	182Q	Honors Calculus II <i>recommended</i>	4						
TAKE ONE (1) OF THE FOLLOWING									
M	273Q	Multivariable Calculus	4						
M	283Q	Honors Multivariable Calculus <i>rec</i>	4						
TAKE ONE (1) OF THE FOLLOWING									
M	274	Intro Differential Equations	4						
M	284	Honors Intro Diff Eq <i>recommended</i>	4						
TAKE ONE (1) OF THE FOLLOWING									
ASTR	371	Solar System Astronomy	4						
ASTR	373	Stars, Galaxies & Universe	4						
TAKE ALL OF THE FOLLOWING									
PHSX	224	Physics III	4						
PHSX	240	Honors Gen. & Modern Phys. I	4						
PHSX	242	Honors Gen & Mod Phy II	4						
PHSX	261	Laboratory Electronics I	2						
PHSX	301	Intro Theoretical Physics	3						
PHSX	320	Classical Mechanics	4						
PHSX	343	Intermediate Physics	3						
PHSX	423	Electricity & Magnetism I	3						

POST BACCALAUREATE SEEKING LICENSURE: PHYSICS EXTENDED MAJOR Continued

ACADEMIC COURSES					SUBSTITUTION COURSES				
Subject	#	Course Title	Cr	Grade	Subject	#	Course Title	Cr	Grade
PHYSICS ELECTIVE (3 CREDITS)									
APPROVED ELECTIVE IN BIOL, CHEM OR EARTH SCIENCES (3 CREDITS)									
SECONDARY PROFESSIONAL PREPARATION – TAKE ALL OF THE FOLLOWING									
FCS	101IS	Ind & Family Dev: Lifespan	3						
EDU	202	Early Field Experience	1						
EDU	211D	Multicultural Education	3						
EDU	223IS	Ed Psych & Adolescent Development	3						
EDU	370	Integrating Tech into Education	2						
EDU	382	Assessment, Curriculum, & Instr	3						
EDSP	306	Exceptional Learners	3						
EDU	395	Teaching Practicum: 5-12	3						
EDU	497	Methods: 9-12 Math	4						
EDU	497	Methods: 5-12 Science	3						
EDU	495	Student Teaching: 5-12	12						
EDU	408	Professional Issues: 5-12	2						

ALL professional and content courses must have grades of "C" or above and have a 2.75 GPA in all areas.

PRAXIS II: The Praxis II exam should be taken prior to student teaching. It must be successfully completed in every major and minor prior to recommendation for licensure.

STUDENT'S SIGNATURE	DATE
CONTENT AREA ADVISOR'S SIGNATURE	DATE
ADVISING CENTER DIRECTOR'S SIGNATURE	DATE