



B.S. in Physics Education
PHYSEDBS.2015 (mrs 1105-1107)
65-83 credits

Effective Date: 08/2015

Name of Student:		
Student ID #:		Graduation Date
Home Country:	<input type="checkbox"/> IWORK	
Advisor:	Name	Date

Science Content **42 Credits**

Course #	Title	Hr.	Prerequisites	Offered	Sem.	Grade
CHEM 105/L	General Chemistry I/Lab	4	MATH 110 w/C- or better (MATH 110 can be a corequisite if MATH 101 was completed-see Advisor), or ACT Math score 22+ or SAT Math score 520+. (High School Chemistry or CHEM 101 highly recommended)	F,W		
CHEM 106/L	General Chemistry II/Lab	4	CHEM 105/L w/C- or better	W,S		
CIS 101	Beginning Programming	3		F,W,S		
MATH 111	Trigonometry and Analytic Geometry	3	Recommended MATH 110 or proficiency	F,W,S		
MATH 212	Calculus I	5		F,W,S		
MATH 213	Calculus II	5	MATH 212	F,W		
PHYS 121/L	Introduction to Newtonian Mechanics/Lab	4	MATH 212 and either High School Trigonometry or MATH 111, and Passing a Comprehensive Mathematics Exam during 1 st week of semester. Sample Math exam available in Canvas.	F,W		
PHYS 220/L	Introduction to Electricity and Magnetism/Lab	4	PHYS 121 w/C- or better, (Completion of MATH 213 is recommended)	W-even		
PHYS 221/L	Introduction to Waves, Optics, and Modern Physics/Lab	4	PHYS 121 w/C- or better, (Completion of MATH 213 is recommended)	W-odd		
Content Electives		(6)	CHEM, PHYS, BIOCHEM, MATH	Faculty	Approved	

Education **23-41 Credits**

Course #	Title	Hr.	Prerequisites	Offered	Sem.	Grade
EDU 212	Foundations of Education	2		F,W,S		
EDU 200	Human Growth and Learning in Schools	3		F,W,S		

Recommended Elective:

HWST 101	Intro. to Hawaiian Studies	3	Required for Hawaii License Track	F,W,S		
EDU 340	Multiculturalism & Cul. Resp. Tch (SIOP)	2	Required for International Track	F,W		

Apply to School of Education

Non License Track <input type="checkbox"/> All students begin in this track and can choose to stay here or apply by deadline for another track.	Hawaii License Track <input type="checkbox"/> Priority Deadline: Submit SoEd application by: Feb 15 May 15 Sept 15	International Track <input type="checkbox"/> Priority Deadline: Submit SoEd application by: Feb 15 May 15 Sept 15
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SPED 300	Education of Exceptional Students	3	EDU 200	F,W,S		
EDU 305	Comp./Tech. Assisted Instruction	2	EDU 212 for Education majors/minors or TESOL 240 for TESOL major/certs only	F,W,S		
EDU 312	Effective Pedagogy	3	EDU 212	F,W,S		
EDU 385	Education Assessment in the Classroom	3	EDU 312	F,W,S		
SCED 350	General Methods for Secondary Teachers	2	EDU 312	F,W		
SCED 401	A Multicultural Approach to Reading in the Content Area	3	EDU 312, Corequisite with SCED 491	F,W		
SCED 430	Classroom Management in Secondary Contexts	2	EDU 312, Corequisite with SCED 491	F,W		
SCED 491	Observation and Practicum	3	EDU 312, corequisite with SCED 401, SCED 430, and formal admission to SOE	F,W		
SCED 492	Student Teaching	12	SCED 491	F,W		

Total Credits Mapped for Graduation:

No grade below "C-" accepted

All courses in the Education major can be retaken 1 time to improve a grade lower than C-. If the second attempt is lower than a C-, the student will be removed from the major.