



# B.S. in Physical Science Education

For Office Use Only  
PHSCEDBS.2015 mrs  
1102-1104  
64-82 credits  
Effective Date: 08/2015

## For specific course information –see Course Listings in Catalog

<b>Science Content</b>	<b>41 Credits</b>	
ASTR 104	3	Principles of Astronomy
MATH 212	5	Calculus I
CHEM 105/L	4	General Chemistry I/Lab
CHEM 106/L	4	General Chemistry II/Lab
CHEM 351	3	Organic Chemistry I
CHEM 351L	1	Organic Chemistry I Lab
CHEM 352	3	Organic Chemistry II
CHEM 352L	1	Organic Chemistry II Lab
GEOL 105	3	Geology of the Pacific Basin
PHYS 121/L	4	Introduction to Newtonian Mechanics/Lab
PHYS 220/L	4	Introduction to Electricity and Magnetism/Lab
PHYS 221/L	4	Introduction to Waves, Optics, and Modern Physics Lab

**Content Electives: 2 Credits**  
*From CHEM, PHYS, BIOCHEM, MATH*

<b>Education</b>	<b>23-41 Credits</b>	
EDU 212	2	Foundations of Education
EDU 200	3	Human Growth and Learning in Schools

**Recommended Elective:**  
HWST 101 2 Foundations of Education  
EDU 340 2 Multiculturalism & Cul. Resp. Tch (SIOP)

### Apply to School of Education

<b>Non License Track</b> <small>All students begin in this track and can choose to stay here or apply by deadline for another track.</small>	<b>Hawaii License Track</b> <small>Priority Deadline: Submit SoEd application by: Feb 15 May 15 Sept 15</small>	<b>International Track</b> <small>Priority Deadline: Submit SoEd application by: Feb 15 May 15 Sept 15</small>
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SPED 300	3	Education of Exceptional Students
EDU 305	2	Comp./Tech Assisted Instruction
EDU 312	3	Effective Pedagogy
EDU 385	3	Education Assessment in the Classroom
SCED 350	2	General Methods for Secondary Teachers
SCED 401	3	A Multicultural Approach to Reading in the Content Area
SCED 430	2	Classroom Management in Secondary Contexts
SCED 491	3	Observation and Practicum
SCED 492	12	Student Teaching

**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.**