

# Science Secondary Education Endorsement, B.S.

## Degree Type

Bachelor of Science

## General Education

### Level I

Item #	Title	Credits
	ENG 101 or ENG 102	3
	FYS First Year Seminar	1
	Communications	3
MTH 114	College Algebra	3

### Level II

Item #	Title	Credits
	English (any except for ENG 495)	3
	Global & Cultural Diversity (EDU 375)	0
	Fine Arts	3
	Science	0
MTH 115	College Trigonometry	3
	History (any history class)	3
	Social Science (PSY 101)	3
	Theology (any class)	6
PHL 200	Moral Reasoning	3
	Philosophy (any Philosophy course)	3
	General Education Elective - PSY 203 (See Major)	0

## Major Program Courses

### Biology Field

Item #	Title	Credits
BIO 110	General Cellular Biology	3
BIO 111	General Cellular Biology Laboratory	1
BIO 250	Zoology	3
BIO 251	Zoology Laboratory	1
BIO 266	Botany	3
BIO 267	Botany Laboratory	1

### Chemistry Field

Item #	Title	Credits
CHM 110	General Chemistry	4
CHM 111	General Chemistry I Laboratory	1
CHM 112	General Chemistry II	4
CHM 113	General Chemistry II Laboratory	1
CHM 230	Organic Chemistry I	4
CHM 231	Organic Chemistry Laboratory I	1

## Physics Field

Item #	Title	Credits
PHY 202	College Physics I	3
PHY 203	Physics Laboratory I	1
PHY 204	College Physics II	3
PHY 205	Physics Laboratory II	1
	PHY 395 OR CHM 473 OR BIO 473 (2) with BIO 192 (1) and BIO 392 (1) OR BIO 475 (3) and BIO 192 (1) or BIO 392 (1)	4

## Earth Science Field

Item #	Title	Credits
BIO 268	Environmental Biology	3
BIO 269	Environmental Biology Laboratory	1
PHY 160	Physical Geology	4
PHY 164	Introduction to Meteorology	4

## Secondary Education Dual Major

Item #	Title	Credits
IDS 130	Strategies to Achieve Results in Education	1
EDU 101	Introduction to Education	3
EDU 201	Technology in the Classroom	3
PSY 203	Adolescent Psychology	3
EDU 240	Guidance and Classroom Management	3
EDU 312	Educational Psychology and Measurement	3
EDU 315	Assessment of Learners	2
EDU 351	Literacy Methods for Secondary Schools	3
EDU 360	Teaching Middle Secondary Students	3
EDU 375	Human Relations in a Multicultural Society	3
EDU 427	History, Trends and Issues in Education	3
EDU 472	Clinical Practice: Secondary	5-10
EDU 495	Clinical Practice Seminar	2
SPE 101	Introduction to Special Education	3

[EDU 101](#), [EDU 312](#), [EDU 351](#), [EDU 360](#), [EDU 472](#), [SPE 101](#): Courses require field experience. Some courses may be counted in more than one category. Courses cannot be cross counted within general education. The student must still complete the specific total hours for graduation by taking additional electives.

**Developmental courses cannot be counted toward graduation requirements.** Student may be required to complete prerequisite courses.

---

Total Credits

133

---