

B.S. IN SECONDARY EDUCATION PHYSICAL SCIENCE CONCENTRATION (7-12)

General Education Courses

ED 252	The Psychology of Learning	3
ED 332 & ED 320	Methods in Teaching Writing in the Schools and Education Practicum II	4
EH 105	College Writing	3
HE 111	The Husson Experience ***	1
MS 132	Probability and Statistics	3
MS 181	Calculus with Applications	4
PH 110	Introduction to Ethics	3
PY 111	General Psychology	3
PY 141	Human Growth and Development	3
SC 181 & SL 181	Chemistry I and Chemistry Lab I	4
SC 262	Integrated Physical Science II	3
Fine Arts Elective		3
Foreign Culture and Conversation Elective		3
Historical Elective		3
Literature Elective		3
Perspectives Electives		6

Education Courses

ED 201 & ED 203	Phil Foundations of Education and Clinical Experience	3
ED 204 & ED 310	Classroom Management and Educational Practicum I	4
ED 233	Curriculum & Instruction	3
ED 307	Technology in Education	3
ED 314	Assessment Practices	3
ED 317 & ED 430	Methods in Secondary Science and Educational Practicum III	4
ED 321	Educating Exceptional Students	3
ED 450	Student Teaching/Seminar in Teaching	15
PY 322	Cultural Competency	3

Concentrations

MS 180	Precalculus with Trigonometry	4
SC 182 & SL 182	Chemistry II and Chemistry Lab II	4
SC 191 & SL 191	General Biology I and General Biology Lab I	4
SC 285 & SL 285	University Physics I and University Physics I (Laboratory)	4
SC 286 & SL 286	University Physics II and University Physics II Lab	4
SC 283	Environmental Inorganic Chemistry	3
SC Electives		6

Total Hours 122

Suggested Course Sequence

First Year

Fall	Hours	Spring	Hours
EH 105 or PH 110	3	ED 233	3
ED 201	3	MS 180	4
ED 203	0	PH 110 or EH 105	3
HE 111 or ***	1	PY 111	3
SC 181 & SL 181	4	SC 182 & SL 182	4
SC 191 & SL 191	4		
	15		17

Second Year

Fall	Hours	Spring	Hours
ED 204 & ED 310	4	ED 252	3
ED 314	3	ED 321	3
MS 132	3	MS 181	4
PY 141	3	Literature Elective	3
SC 262	3	Perspectives Elective	3
	16		16

Third Year

Fall	Hours	Spring	Hours
ED 332 & ED 320	4	SC 283	3
SC 285 & SL 285	4	SC 286 & SL 286	4
Foreign Culture and Conversation Elective	3	Historical Elective	3
SC Elective	3	SC Elective	3
	14		13

Fourth Year

Fall	Hours	Spring	Hours
ED 307	3	ED 450	15
ED 317 & ED 430	4		
PY 322	3		
Fine Arts Elective	3		
Perspectives Elective	3		
	16		15

Total Hours: 122

*** Credit may not be required for degree completion.