

B.S. BIOLOGY - BIOCHEMISTRY

General Education Courses

EH 105	College Writing	3
HE 111	The Husson Experience ***	1
MS 132	Probability and Statistics	3
MS 180	Precalculus with Trigonometry	4
SC 181 & SL 181	Chemistry I and Chemistry Lab I	4
SC 383	Junior Science Seminar	3
SL 287	Organic Chemistry I Laboratory	1
Bridge Elective (or Open Elective)		3
Fine Arts Elective		3
Foreign Culture & Conversation Elective		3
Historical Elective		3
Humanities Elective		3
Literature Elective		3
Perspectives Electives		6
Philosophical Elective		3
Psychological/Sociological Elective		3
Required Science Courses		
MS 181	Calculus with Applications	4
MS 182	Calculus II	4
MS 212	Intermediate Applied Statistics	3
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 192 & SL 192	General Biology II and General Biology Lab II	4
SC 241 & SL 241	Microbiology for the Health Sciences and Microbiology Lab	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 287	Organic Chemistry I	3
SC 288 & SL 288	Organic Chemistry II and Organic Chemistry II Laboratory	4
SC 291	Cell Biology	3
SC 334	General Genetics	3
SC 352	Biochemistry	3
SC 390	Biochemical and Molecular Methods	4
SC 450	Physical Biochemistry	5
Choose one of the following:		3
SC 481	Senior Science Capstone Project I	
SC Elective (300+)		
Choose one of the following:		3
SC 482	Senior Science Capstone Project II	
SC Elective (300+)		
SC Elective (300+)		3

Open Elective	3
Total Hours	121

First Year

Fall	Hours	Spring	Hours
EH 105 (or Foreign Culture and Conversation Elective)	3	EH 105 (or Foreign Culture and Conversation Elective)	3
HE 111 ***	1	MS 181	4
MS 180	4	SC 182 & SL 182	4
SC 181 & SL 181	4	SC 192 & SL 192	4
SC 191 & SL 191	4		
	16		15

Second Year

Fall	Hours	Spring	Hours
MS 132	3	MS 212	3
MS 182	4	SC 288 & SL 288	4
SC 287 & SL 287	4	SC 291	3
Psychological/Sociological Elective	3	Literature Elective	3
		Philosophical Elective	3
	14		16

Third Year

Fall	Hours	Spring	Hours
SC 285 & SL 285	4	SC 241 & SL 241	4
SC 352	3	SC 286 & SL 286	4
SC 383	3	SC 390	4
Historical Elective	3		
Perspectives Elective	3		
	16		12

Fourth Year

Fall	Hours	Spring	Hours
SC 334	3	SC 482 (or SC Elective (300+))	3
SC 450	5	Humanities Elective	3
SC 481 (OR SC Elective (300+))	3	Perspectives Elective	3
Bridge Elective (or Open Elective)	3	SC Elective (300+)	3

Fine Arts Elective	3	Open Elective	3
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	17		15

Total Hours: 121

**May not be required for degree completion.