

# B.S. PRE-MEDICINE

## General Education Requirements

EH 105	College Writing	3
EH 360	Writing in the Health Professions	3
HE 111	The Husson Experience ***	1
MS 132	Probability and Statistics	3
MS 180 or MS 181	Precalculus with Trigonometry Calculus with Applications	4
PY 111	General Psychology	3
PY 141	Human Growth and Development	3
SC 181 & SL 181	Chemistry I and Chemistry Lab I	4
SL 287	Organic Chemistry I Laboratory	1
Bridge Elective		3
Fine Arts Elective		3
Foreign Culture and Conversation Elective		3
Historical Elective		3
Humanities Elective		3
Literature Elective		3
Perspectives Elective		3
Philosophical Elective		3
<b>Major Requirements</b>		
MS 181	Calculus with Applications (or MS 182 OR 200 level 3-4 MS)	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 192 & SL 192	General Biology II and General Biology Lab II	4
SC 221 & SL 221	Anatomy and Physiology I and Anat/Physiology Lab I	4
SC 222 & SL 222	Anatomy and Physiology II and Anatomy/Physiology Lab II	4
SC 224	Research Design	3
SC 241 & SL 241	Microbiology for the Health Sciences and Microbiology Lab	4
Choose one of the following:		4
SC 271 & SL 271	Physics I and Physics Lab I	
SC 285 & SL 285	University Physics I and University Physics I (Laboratory)	
Choose one of the following:		4
SC 272 & SL 272	Physics II and Physics Lab II	
SC 286 & SL 286	University Physics II and University Physics II Lab	
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 333	Pathophysiology	3
SC 386	Pre-Medicine Seminar	1

SC 334	General Genetics	3
SC 352	Biochemistry	3
SC 435	Advanced Principles of Physiology	4
Pre-Medicine Electives		9-12

**Total Hours** **120-124**

## First Year

Fall	Hours	Spring	Hours
EH 105 or PY 141	3	MS 132	3
HE 111 ***	1	PY 141 or EH 105	3
PY 111	3	SC 182 & SL 182	4
SC 181 & SL 181	4	SC 192 & SL 192	4
SC 191 & SL 191	4		
	<b>15</b>		<b>14</b>

## Second Year

Fall	Hours	Spring	Hours
MS 180 or 181	4	MS 181 (or MS 182 OR 200 level MS)	3-4
SC 221 & SL 221	4	SC 222 & SL 222	4
SC 287 & SL 287	4	SC 288 & SL 288	4
Philosophical Elective	3	SC 291	3
		SC 386	1
	<b>15</b>		<b>15-16</b>

## Third Year

Fall	Hours	Spring	Hours
SC 224	3	SC 241 & SL 241	4
SC 271 & SL 271 (or SC/SL 285)	4	SC 272 & SL 272 (or SC/SL 286)	4
SC 334	3	Literature Elective	3
SC 352	3	Pre-Med Elective	3-4
SC 435	4		
	<b>17</b>		<b>14-15</b>

## Fourth Year

Fall	Hours	Spring	Hours
EH 360	3	Bridge Elective	3
SC 333	3	Fine Arts Elective	3
Foreign Culture and Conversation Elective	3	Humanities Elective	3

Historical Elective	3	Perspectives Elective	3
Pre-Medicine Elective	3-4	Pre-Medicine Elective	3-4
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	<b>15-16</b>		<b>15-16</b>

**Total Hours: 120-124**

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May not be required for degree completion.