

**BIOMEDICAL SCIENCES**  
**BMD\_BS**  
**2009-2010 Model Curriculum**

**Note: This form does not guarantee course availability. Please check the appropriate Schedule of Classes.**

**FRESHMAN YEAR**

<b>FALL SEMESTER</b>			<b>SPRING SEMESTER</b>		
EH 101	Composition I	3	EH 102	Composition II	3
BLY 121	Gen Biology I	3	BLY 122	Gen Biology II	3
BLY 121L	Gen Biology I Lab	1	BLY 122L	Gen Biology II Lab	1
CH 131	Gen Chemistry I	3	CH 132	Gen Chemistry II	3
CH 131L	Gen Chemistry I Lab	1	CH 132L	Gen Chemistry II Lab	1
PSY 120	General Psychology	<u>3</u>	MA 125	Calculus I	<u>4</u>
		14			15

**SOPHOMORE YEAR**

<b>FALL SEMESTER</b>			<b>SPRING SEMESTER</b>		
CH 201	Organic Chemistry I	3	CH 202	Organic Chemistry II	3
CH 201L	Organic Chemistry Lab 1	1	CH202L	Organic Chemistry Lab II	1
PH 114	Physics with Alg/Trig I	5	PH 115	Physics with Alg/Trig II	5
EH _____ <sup>2</sup>	Literature Elective	3	_____ <sup>1</sup>	General Elective	3
CIS 150	Microcomputer Appl	3	ST 210	Stat Reasoning	3
CP 200 <b>or</b>	Clin Observation <b>or</b>		CA 110	Public Speaking	<u>3</u>
HS 170	First Aid	1			18
BMD 201	Seminars in Biomedical Science	<u>1</u>			
		17			

**JUNIOR YEAR**

<b>FALL SEMESTER</b>			<b>SPRING SEMESTER</b>		
BMD 311	Human Anatomy	3	BMD 322	Biochemistry II	3
BMD 321	Biochemistry I	3	BMD 323	Biochemistry Lab	1
BMD 334	Human Physiology I	3	BMD 335	Human Physiology II	3
_____ <sup>2</sup>	Social Science Elective	3	BMD 336	Hum Physiology Lab-W	1
HY _____ <sup>2</sup>	History Elective	<u>3</u>	SY 109	Intro to Sociology	3
		15	_____ <sup>2</sup>	Humanities/Fine Arts	3
			_____ <sup>2</sup>	Fine Arts Elective	<u>3</u>
					17

**SENIOR YEAR**

<b>FALL SEMESTER</b>			<b>SPRING SEMESTER</b>		
BMD 401	Immunology	3	BMD 402	Med Microbiology	5
BMD 420	Pharmacology	3	BMD 499 <b>or</b>	Hon Res Thesis-W <b>or</b>	
BMD 415 <b>or</b>	Micro Anatomy <b>or</b>		_____ <sup>2</sup>	Math/Sscience Elect	3
BMD 499	Hon Research Thesis-W	3 <b>or</b> 4	BMD 410	Pathophysiology	4
BMD 493	BMD Issues-W	3	BMD 450	Intro Research	2
_____ <sup>2</sup>	Humanities Elective <sup>3</sup>	<u>3</u>	_____ <sup>2</sup>	General Elective	<u>3</u>
		15-16			17

<sup>1</sup> General electives can be any courses to reach the 128 credits required for graduation.

<sup>2</sup> See bulletin for options.

<sup>3</sup> Must complete a sequence in Literature or History.