

BIOMEDICAL SCIENCES
BMD_BSBS
2008-2009 Model Curriculum

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

FRESHMAN YEAR

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

SOPHOMORE YEAR

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

JUNIOR YEAR

FALL SEMESTER			SPRING SEMESTER		
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
_____ ²	Social Science Elective	3	BMD 336	Hum Physiology Lab-W	1
HY _____ ²	History Elective	<u>3</u>	SY 109	Intro to Sociology	3
		15	_____ ²	Humanities/Fine Arts	3
			_____ ²	Fine Arts Elective	<u>3</u>
					17

SENIOR YEAR

FALL SEMESTER			SPRING SEMESTER		
BMD 401	Immunology	3	BMD 402	Med Microbiology	5
BMD 420	Pharmacology	3	BMD 499 or	Hon Res Thesis-W or	
BMD 415 or	Micro Anatomy or		_____ ²	Math/Science Elect	3
BMD 499	Hon Research Thesis-W	3 or 4	BMD 410	Pathophysiology	4
BMD 493	BMD Issues-W	2	BMD 450	Intro Research	2
_____ ²	Humanities Elective ³	<u>3</u>	_____ ²	General Elective	<u>3</u>
		14-15			17

¹General electives can be any courses to reach the 128 credits required for graduation

²See next page for options.

³Must complete a sequence in Literature or History

BIOMEDICAL SCIENCES - 2008-2009

Course Options:

Literature Elective - 1 course

EH 215, 216, 225, 226, 235, or 236

Humanities Elective* - 1 course

(Recommend PHL 121 if History sequence chosen)

PHL 110, 121, 131, 231, 240, EH 215, 216, 225, 226, 235, 236, LG 111, 112, 211, 212, 131, 132, 231, 232, 151, 152, 251, 252, 171, 172, 271, 272, AFR 101, AIS 105, or LGS course except LGS 190, 290, or 390

History Elective - 1 course

HY 101, 102, 135, or 136

Social Science Elective* - 2 courses

HY 101, 102, 135, 136, AN 100, 101, ECO 215, 216, GEO 114, 115, PSC 130, PSY 250, SY 109, 112, AIS 115, or 201

Fine Arts Elective - 1 course

ARH 100, 103, 123, 240, 242, ARS 101, MUL 101, or DRA 110

General Elective - 2 courses

Any college-level course of your choice to reach minimum 128 credits to graduate

Humanities/Fine Arts Elective - 3 hours

From departments of ARH, ARS, DRA, MUL, EH, LG, LGS, or PHL

Math/Science Elective - 1 course (for students not taking BMD 499, Honors Research Thesis)

BMD 350, BMD 430, BMD 494, MA 126, ST 310, BLY 205, 207, 311, 325, 332, 341, 352, 354, 360, 363, 365, 367, 425, 426, 430, 431, 432, 433, 434, 435, 450, 451, 455, 459, 468, 470, 471, 472, 474, 475, 478, 484, 485, or CH 265

*Must complete a 2 course sequence in

Literature or History

Acceptable sequences are:

EH 215 and 216 or

EH 225 and 226 or

EH 235 and 236 or

HY 101 and 102 or

HY 135 and 136