

## STANDARD CURRICULUM CHART

## FALL

## SPRING

YEAR	SEM	COURSE	UNITS	SEM	COURSE	UNITS		
<b>FRESHMAN</b>	___	BBST 103/105	Bibl Interp & Spir Form / Fnd Christ Thot	3	___	BBST 103/105	Bibl Interp & Spir Form / Fnd Christ Thot	3
	___	BIOS 111/111L	General Biology I with Lab	4	___	BIOS 112/112L	General Biology II with lab	4
	___	CHEM 105	General Chemistry I with Lab	4	___	CHEM 106	General Chemistry II with Lab	4
	___	ENGL 100 or 110A	Critical Thinking and Writing	3	___	ENGL 110B	Critical Thinking and Writing	3
	___	P.E. Activity		1	___	P.E. Activity		<u>1</u>
	___	GNST 102	First Year Seminar	<u>1</u>				15
				16				
<b>SOPHOMORE</b>	___	BBST 109	Old Testament History and Literature	3	___	BBST 110	New Testament History and Literature	3
	___	CHEM 301	Organic Chemistry	3	___	CHEM 302	Organic Chemistry	3
	___	CHEM 311	Laboratory in Organic Chemistry	1	___	CHEM 312	Laboratory in Organic Chemistry	1
	___	MATH 105	Calculus I	4	___	PHSC 112/112L	Physics II (or PHSC 233)	4
	___	PHSC 111/111L	Physics I (or PHSC 132)	4	___	Fine Arts	ARTS 100, COMM 160, MUSC 101	3
	___	P.E. Activity		<u>1</u>	___	HIST 107 U.S. History or POSC 225 American Govt		3
				16	___	Writing Competency Exam		<u>0</u>
							17	
<b>JUNIOR</b>	___	BBST 251	Theology I	3	___	BBST 254	Theology II	3
	___	BBST 300/400	Bible Elective	3	___	BBST 306	Early Christian History - Acts	3
	___	BIOS 312	Cell and Molecular Biology	3	___	CHEM 402	Physical Chemistry	3
	___	CHEM 350	Analytical Chemistry	5	___	Behavioral Sci	ANTH 200, PSYC 200, SOCI 220 or 362	3
	___	Communication	COMM 100, 170, 181, 280	<u>3</u>	___	HIST 207 or 208	World Civilizations I, II	<u>3</u>
				17				15
<b>SENIOR</b>	___	BBST 300/400	Bible Elective	3	___	BBST 465	Integration Seminar	3
	___	BIOS 411	Biochemistry I	3	___	BIOS 412	Biochemistry II	3
	___	Literature	ENGL 220, 230, 281, 282	3	___	CHEM 422A/B	Laboratory in Biochemistry	1,1
	___	Foreign Language or Elective, if needed#		4	___	PHSC 460	Physical Science Seminar	1
	___	Philosophy	PHIL 210,211,212,213,214,215,216	3	___	CHEM, BIOS or PHSC Elective (upper division) *		3
	___	P. E. Activity		<u>1</u>	___	General Elective		<u>3</u>
				17				15

# If Foreign Language requirement has been met a 4-unit elective course may be taken.

\* Choose from CHEM 420, 480; BIOS 281, 282, 311, 322, 332, 382, 402, 431; PHSC 234, 321, 450.

\*\* Students may take the PHSC 111-112 sequence or the PHSC 132-233 sequence.

**NOTE:** This curriculum chart is designed with your major department and is one way that the classes will work out properly in sequence for your major. However, there are alternative flexible ways to rotate some of the classes within the same year/level and sometimes between year levels. Please contact your major department advisor to discuss flexible alternatives in scheduling the sequence of your classes.

Revised 3/07

**2007-09 Catalog - BCHM**  
**MAJOR: BIOCHEMISTRY & PRE-MED**

Use the unit value as recorded on your last copy of transfer evaluation.

GENERAL EDUCATION		UNITS	BIBLE/THEOLOGY	UNITS	MAJOR/EMPHASIS	UNITS
Behavioral Science	ANTH 200, PSYC 200, SOCI 220 or 362	3	BBST 103 Biblical Interp & Spir Form	3	CHEM 105 General Chemistry I.....	4
Communication	COMM 100, 170, 181, 280	3	BBST 105 Found of Christian Thought	3	CHEM 106 General Chemistry II.....	4
English Comp	ENGL 100 or 110A	3	BBST 109 OT History & Literature	3	CHEM 301 Organic Chemistry .....	3
English Comp	ENGL 110B	3	BBST 110 NT History & Literature	3	CHEM 302 Organic Chemistry .....	3
Fine Arts	ARTS 100, COMM 160, MUSC 101	3	BBST 251 Theology I	3	CHEM 311 Laboratory in Organic Chemistry.....	1
Foreign Language	HUFF (French) 101	4	BBST 254 Theology II	3	CHEM 312 Laboratory in Organic Chemistry.....	1
	HUFG (German) 101		BBST 306 Early Christian History-Acts	3	CHEM 350 Analytical Chemistry.....	5
	HUFS (Spanish) 101		BBST300/400 Bible Elective	3	CHEM 402 Physical Chemistry.....	3
	HUFA (ASL) 101		BBST300/400 Bible Elective	3	CHEM 422A/B Laboratory in Biochemistry .....	1,1
	BLGR (Greek) 101, 102 (Classical must be 6 units)		BBST 465 Integration Seminar*	3	BIOS 111/111L General Biology I.....	4
	BLHE (Hebrew) 101, 102 (Classical must be 6 units)		*An additional Integration Seminar may be taken to fulfill one of the upper-division Bible electives (maximum 6 units of Integrations Seminar).		BIOS 112/112L General Biology II.....	4
					BIOS 312 Cell and Molecular Biology.....	3
History	HIST 107 or POSC 225	3			BIOS 411 Biochemistry I .....	3
	HIST 207 or 208	3			BIOS 412 Biochemistry II.....	3
Literature	ENGL 220, 230, 281, 282	3			MATH 105 Calculus I .....	4
Philosophy	PHIL 210, 211, 212, 213, 214, 215, 216	3	<b>TOTAL BIBLE/THEOLOGY</b>		PHSC 111/111L* Physics I .....	4
Physical Education	PEED 110 (4 activities)	4	(30 units maximum except Bible or Christian Education majors.)		PHSC 112/112L* Physics II .....	4
<b>TOTAL GENERAL EDUCATION REQUIREMENT</b>					PHSC 460 Physical Science Seminar .....	1
<i>First Year Seminar (does NOT count toward graduation)</i>		(1)			Electives (3 of the 6 units must be upper division)	
			<b>MINOR/SUPPORT/ELECTIVES</b>		(CHEM 420, 480; BIOS 281, 282, 311, 322, 332, 382, 402, 431; PHSC 234, 321, 450).....	6
					Writing Competency Exam .....	0
					Minimum Upper Division Units	25
					Total Units Required	62
					<b>TOTAL MAJOR/EMPHASIS</b>	

\*Students may take the PHSC 111-112 sequence or the PHSC 132-233 sequence.