Name:_____ Date:_____

Bachelor of Science in Biology (BIC)

A Suggested Sequence of Required Courses (2010-2011 Catalog)

Freshman Year

Fall			Spring		
_____	0	Chapel (CHA 1088)	_____	0	Chapel (CHA 1088)
_____	2	BIC 1212 Examined Life I	_____	4	GEO 1406 Earth Through Time
_____	3	BIC 1314 World Cultures I	_____	3	BIC 1324 World Cultures II
_____	4	BIC 1413 Rhetoric I	_____	3	BIC 1323 Rhetoric II
_____	3	MTH 1304 (if needed) PreCal	_____	3	MTH 1321 Calculus I
_____	4	**BIO 1305/1105 Biology I**	_____	4	**BIO 1306/1106 Biology II**
Total:	16		Total:	17	

Sophomore Year

Fall			Spring		
_____	3	BIC 2330 Social World I	_____	3	BIC 2340 Social World II
_____	3	BIC 2334 World Cultures III	_____	3	BIC 2344 World Cultures IV
_____	4	PHY 1408/1420 Physics I	_____	4	PHY 1409/1430 Physics II
_____	4	CHE 1301/1101 Chemistry I	_____	4	CHE 1302/1102 Chemistry II
_____	3	MTH 1322 or STA 2381	_____	4	**BIO 2306/2106 Genetics**
Total:	17		Total:	18	

Junior Year

Fall			Spring		
_____	3	CHE 3331 Organic Chem I	_____	3	CHE 3332 Organic Chem II
_____	3	Elective	_____	2	CHE 3238 Organic Chem Lab
_____	1	Human Performance	_____	3	BIC 3358 Biblical Heritage/Ethics
_____	4	**BIO Group 2** (see below)	_____	3-4	**BIO Elective** (see below-BIO 4341 suggested)
_____	4	Foreign Language - 1401 (see reverse	_____	4	Foreign Language - 1402 (see reverse)
Total:	15		Total:	15-16	

Senior Year

Fall			Spring		
_____	4	**BIO Group 1** (see below)	_____	4	**BIO Group 3** (see below)
_____	3-4	**BIO Elective** (see below)	_____	0	**BIO 4001 Exit Examination**
_____	3	Advanced Elective	_____	3	Elective (Variable depending on hours)
_____	3	Elective (Variable depending on hours)	_____	3	Advanced Elective
_____	3	Foreign Language - 2310 (see reverse)	_____	3	Foreign Language - 2320 (see reverse)
_____	1	Human Performance			
Total:	17-18		Total:	15	

All students must graduate with a minimum of 124 hours, 36 of which must be at the 3000/4000 level.

Notes:

- This program is designed for students who desire a strong, diverse background in the sciences.
- A grade of "C" or better in 31 hours of biology courses used for the major.
- BIO 1305-1105 and 1306-1106 are prerequisite to all "2000" and above level courses in biology. Non-biology majors may be admitted to upper-level courses without these prerequisites with consent of instructor and department chair.
- BIO 1401, 1402, 2401, and 2402 cannot be used to satisfy the minimum number of semester hours required for major.
- Group 1 - at least four semester hours from: BIO 3429, 4416, 4308-4108, or 4426
- Group 2 - at least four semester hours from : BIO 3422, 4307-4107, 4417, or 4431
- Group 3 - at least four semester hours from : BIO 3303-3103, 3324-3124, 4405, 4406, 4414, 4418, 4420, 4422, 4427, 4428, or 4V04.
- BIO Electives: Choose 7 hours of electives. A maximum of 3 hours of Individual Topics may be used for elective credit.
- Check your degree audit often through Bearweb to ensure that you are making timely progress toward your degre
- For more information, see the undergraduate catalog.

*Because of the number of electives, there could be enough room for a minor with this major. Students interested in teaching should contact the School of Education for more information about the Science Education minor.

Name:_____ Date:_____

Please see reverse side for important information on general requirements.

Notes about General Requirements:

- Course selection is subject to availability within each semester.
- Please keep in mind that this is only a suggested sequence. Actual sequence will vary according to possible second major, minor, other program of study (including pre-health), and individual circumstances (ex., transfer credit, dual credit, and credit by exam).
- In order to complete your degree, you must fulfill all requirements in your major and general requirements for the Bachelor of Science.
- To complete a double major, you may not count any courses toward both majors.
- For more specific information on general requirements, see your undergraduate catalog.
- Check your degree audit often through Bearweb to ensure that you are making timely progress toward your degree.

Foreign Language:

- **Option A:** One modern language through 2320 level:
  Arabic, Chinese, French, German, Italian, Japanese, Korean, Portuguese, Russian, Spanish, and Swahili
- **Option B:** One classical language through 2320 level or two classical through 1302 level:
  Latin, Greek, Hebrew (If available, Akkadian, Aramaic, Syriac, and/or Ugaritic may be used)
  *Chemistry majors must take a modern foreign language; German or Russian are strongly recommended.

Math & Science: You must complete a minimum of 34 hours of math and science courses. See the undergraduate catalog for a more detailed explanation.