

**2007-08 Catalog Paradigm  
Biology (Organismal Biology Concentration)**

<b>First Year</b>	
1.	BIOL 120 (GS4) (1 <sup>st</sup> semester)
2.	BIOL 121 (2 <sup>nd</sup> semester)
3.	CHEM 105 (1 <sup>st</sup> semester)
4.	CHEM 107 (2 <sup>nd</sup> semester)
5.	MATH 131 (GS8) (or MATH 124)
6.	General Education
7.	General Education
8.	General Education

<b>Second Year</b>	
1.	BIOL 201 or BIOL 228
2.	BIOL 244
3.	CHEM 216 or CHEM 220
4.	BIOL Elective
5.	General Education
6.	General Education
7.	General Education
8.	Elective/Minor

<b>Third Year</b>	
1.	BIOL 201 or BIOL 228
2.	BIOL Elective
3.	BIOL Elective
4.	General Education
5.	General Education
6.	Elective/Minor
7.	Elective/Minor
8.	Elective/Minor

<b>Fourth Year</b>	
1.	BIOL Elective
2.	BIOL Elective
3.	General Education
4.	General Education
5.	Elective/Minor
6.	Elective/Minor
7.	Elective/Minor
8.	Elective/Minor

Elective/Minor courses can be used to take additional major courses, free electives, or to fulfill a minor.

PHYS 111/112 or PHYS 121/122, MATH124 or MATH 131, and SCSI 224 or BUAD 284 are strongly recommended.

## Progress Sheet

### Biology (Organismal Biology Concentration)

Student Name:	
Student ID:	
<b>General Education – Lower Biennium</b>	<b>Major</b>
<input type="checkbox"/> <b>GS1</b> – Religious Studies _____ <input type="checkbox"/> <b>GS2</b> – Philosophy of Human Nature _____ <input type="checkbox"/> <b>GS3</b> – Human Relationships _____ <input type="checkbox"/> <b>GS4</b> – Natural Science _____ <input type="checkbox"/> <b>GS5</b> – Creative Expression _____ <input type="checkbox"/> <b>GS6</b> – United States Heritage _____ <input type="checkbox"/> <b>GS7</b> – Foreign Heritages _____ <input type="checkbox"/> <b>GS8</b> – Quantitative Skills _____ <input type="checkbox"/> <b>GS9</b> – Writing _____	<p><b>Required Courses:</b></p> <p><b>Core</b></p> <input type="checkbox"/> BIOL 120 – General Biology I <input type="checkbox"/> BIOL 121 – General Biology II <input type="checkbox"/> BIOL 244 – Genetics <input type="checkbox"/> CHEM 105 – General Chemistry I <input type="checkbox"/> CHEM 107 – General Chemistry II <p><b>Additional Requirements:</b></p> <input type="checkbox"/> BIOL 201 – Botany <input type="checkbox"/> BIOL 228 – Ecology <input type="checkbox"/> CHEM 216 - Organic Chemistry OR CHEM 220 – Organic Chemistry I <input type="checkbox"/> BIOL Elective 200 or above _____ <input type="checkbox"/> BIOL Elective 200 or above _____ <input type="checkbox"/> BIOL Elective 200 or above _____ <input type="checkbox"/> BIOL Elective 200 or above _____ <input type="checkbox"/> BIOL Elective 200 or above _____ <p>PHYS 111/112 or PHYS 121/122, MATH124 or MATH 131, and SCS1 224 or BUAD 284 are strongly recommended.</p> <p>Advanced students are strongly encouraged to pursue Independent Study (BIOL 495) or Research (BIOL 499).</p>
<b>General Education – Upper Biennium</b>	
<input type="checkbox"/> <b>GS1</b> – Religious Studies _____ <input type="checkbox"/> <b>GS10</b> – Western Tradition _____ <input type="checkbox"/> <b>GS11</b> – Global Society _____ <input type="checkbox"/> <b>GS12</b> – Senior Colloquium (GENS 400) _____	<p>Note – Biology majors are required to complete the MFAT during specified testing periods after completing BIOL 121 and again during the second semester of their senior year. The Biology major should select an advisor from the Biology faculty no later than their sophomore year to assure appropriate course selection.</p>

**2007-08 Catalog Paradigm  
Biology (Biomedical Sciences Concentration)**

<b>First Year</b>	
1.	BIOL 120 (GS4) (1 <sup>st</sup> semester)
2.	BIOL 121 (2 <sup>nd</sup> semester)
3.	CHEM 105 (1 <sup>st</sup> semester)
4.	CHEM 107 (2 <sup>nd</sup> semester)
5.	MATH 131 (GS8)
6.	General Education
7.	General Education
8.	General Education

<b>Second Year</b>	
1.	BIOL 244 (2 <sup>nd</sup> Semester)
2.	CHEM 211 (1 <sup>st</sup> Semester)
3.	CHEM 220 (1 <sup>st</sup> semester)
4.	CHEM 222 (2 <sup>nd</sup> Semester)
5.	General Education
6.	General Education
7.	General Education
8.	Elective/Minor

<b>Third Year</b>	
1.	CHEM 350
2.	BIOL Elective
3.	BIOL Elective
4.	BIOL Elective
5.	General Education
6.	General Education
7.	Elective/Minor
8.	Elective/Minor

<b>Fourth Year</b>	
1.	BIOL Elective
2.	BIOL Elective
3.	BIOL Elective
4.	General Education
5.	General Education
6.	Elective/Minor
7.	Elective/Minor
8.	Elective/Minor

Elective/Minor courses can be used to take additional major courses, free electives, or to fulfill a minor.

PHYS 111/112 or PHYS 121/122, MATH124 or MATH 131, and SCSI 224 or BUAD 284 are strongly recommended.

## Progress Sheet

### Biology (Biomedical Sciences Concentration)

Student Name: _____  Student ID: _____	
<b>General Education – Lower Biennium</b>	<b>Major</b>
<input type="checkbox"/> <b>GS1</b> – Religious Studies _____ <input type="checkbox"/> <b>GS2</b> – Philosophy of Human Nature _____ <input type="checkbox"/> <b>GS3</b> – Human Relationships _____ <input type="checkbox"/> <b>GS4</b> – Natural Science _____ <input type="checkbox"/> <b>GS5</b> – Creative Expression _____ <input type="checkbox"/> <b>GS6</b> – United States Heritage _____ <input type="checkbox"/> <b>GS7</b> – Foreign Heritages _____ <input type="checkbox"/> <b>GS8</b> – Quantitative Skills _____ <input type="checkbox"/> <b>GS9</b> – Writing _____	<p><b>Required Courses:</b></p> <p><b>Core</b></p> <input type="checkbox"/> BIOL 120 – General Biology I <input type="checkbox"/> BIOL 121 – General Biology II <input type="checkbox"/> BIOL 244 – Genetics <input type="checkbox"/> CHEM 105 – General Chemistry I <input type="checkbox"/> CHEM 107 – General Chemistry II <p><b>Additional Requirements:</b>  <b>Any 6 of the following</b>          BIOL 220, BIOL 320, BIOL 350, BIOL 350, BIOL 360,          BIOL 365, BIOL 368, BIOL 371, BIOL 372, BIOL 373,          BIOL3 81, BIOL 385, BIOL 450, or BIOL 495</p> <input type="checkbox"/> BIOL Elective _____ <input type="checkbox"/> BIOL Elective _____ <input type="checkbox"/> BIOL Elective _____ <input type="checkbox"/> BIOL Elective _____ <input type="checkbox"/> BIOL Elective _____ <input type="checkbox"/> BIOL Elective _____ <p><b>Additional Requirements – A Chemistry Minor</b></p> <input type="checkbox"/> CHEM 211 – Quantitative Analysis <input type="checkbox"/> CHEM 220 – Organic Chemistry I <input type="checkbox"/> CHEM 222 – Organic Chemistry II <input type="checkbox"/> CHEM 350 - Biochemistry <p>PHYS 111/112 or PHYS 121/122, MATH124 or MATH 131, and SCS1 224 or BUAD 284 are strongly recommended.</p> <p>Advanced students are strongly encouraged to pursue Independent Study (BIOL 495) or Research (BIOL 499).</p>
<b>General Education – Upper Biennium</b>	
<input type="checkbox"/> <b>GS1</b> – Religious Studies _____ <input type="checkbox"/> <b>GS10</b> – Western Tradition _____ <input type="checkbox"/> <b>GS11</b> – Global Society _____ <input type="checkbox"/> <b>GS12</b> – Senior Colloquium (GENS 400) _____	<p>Note - Biology majors are required to complete the MFAT during specified testing periods after completing BIOL 121 and again during the second semester of their senior year. The Biology major should select an advisor from the Biology faculty no later than their sophomore year to assure appropriate course selection.</p>