

**BRIGHAM YOUNG UNIVERSITY-HAWAII**  
**Biological Sciences Department**

**General Biology Major Requirements**

**2005-2007**

**STUDENT:** \_\_\_\_\_ **ID#:** \_\_\_\_\_ **GRAD.DATE:** \_\_\_\_\_

Revised 02/06

<b>GENERAL BIOLOGICAL SCIENCES CORE</b>						
<b>***No credit of less than C- in any BIOL/CHEM course is counted toward graduation***</b>						
<b>COURSE#</b>	<b>CR</b>	<b>DESCRIPTION</b>	<b>PREREQUISITES</b>	<b>TAUGHT</b>	<b>TAKEN</b>	<b>GRADE</b>
<b>BIOLOGICAL SCIENCES CORE: 18 Credit Hours</b>						
BIOL 201, 201L	4	General Botany/Lab	BIOL 100 for non-majors	W		
BIOL 206, 206L	4	General Zoology/Lab	BIOL 100 for non-majors	F		
BIOL 265, 265L	4	Molecular & Cellular Biology/Lab	CHEM 101 or 105/L	F,Sp		
BIOL 485	3	Senior Biology	Sr. Last Semester	F,W		
BIOL 491	1	Research & Thesis <b>OR **</b>	JR/SR, Biol 201, 202, 265	F,W		
BIOL 492	1	Research & Thesis <b>OR **</b>	BIOL 491	F,W		
BIOL 493	1	Research & Thesis <b>OR **</b>	BIOL 492	F,W		
**Engl 316	3	Technical Writing	<b>Permission ONLY</b>	Varies		
<b>BIOLOGY ELECTIVES: 26 credits Minimum/ 7 Classes Total (min. 1 class from 200 level &amp; min. 4 classes from 300 &amp; 400 levels, excluding BIOL 495R; only 1 credit of BIOL 495R counted toward Biology elective credits)</b>						
<b>Min: 1 Class</b>						
BIOL 204, 204L	4	Pacific Natural History/Lab	BIOL 100 for non-majors	Sp		
BIOL 212, 212L	4	Marine Biology/Lab	BIOL 100 for non-majors	Sp		
BIOL 220, 220L	4	Micro Biology/Lab	BIOL 100 for non-majors	W		
BIOL 248, 248L	4	Conservation Biology/Lab	BIOL 201 or 206	F		
BIOL 260, 260L	3	Elem. Human Anatomy/Lab	BIOL 100 for non-majors	W		
BIOL 261, 261L	4	Elem. Human Physiology/Lab	BIOL 100 for non-majors	F		
<b>Min. 4 Classes From 300 &amp; 400 Level</b>						
BIOL 300, 300L	4	Animal Behavior/Lab	BIOL 100 for non-majors	Odd W		
BIOL 350, 350L	4	General Ecology/Lab	BIOL 201/L or 206/L	F		
BIOL 374	3	Evolution & Human Prehistory	BIOL 100 for non-majors	Even W		
BIOL 376, 376L	4	Genetics/Lab	BIOL 265/L	F		
BIOL 383, 383L	4	Histology & Dev. Biology	BIOL 265/L	W		
BIOL 441, 441L	4	Molecular Biology/Lab	BIOL 265/L	W		
BIOL 445, 445L	4	Immunology	BIOL 220/L & 265/L	F		
BIOL 460	3	Advanced Human Anatomy	BIO 260	F		
BIOL 465, 465L	4	Principles of Physiology/Lab	CHEM 105/L & 106/L	W		
BIOL 495R	1	Independent Study	PERMISSION ONLY	F,W,Sp		
<b>CHEMISTRY CORE: 16 Credit Hours</b>						
CHEM 105,105L	4	Gen College Chemistry I/Lab	MATH 110 or concr enroll	F,W		
CHEM 106,106L	4	Gen College Chemistry II/Lab	CHEM 105/L	W,Sp		
CHEM 251,251L	4	Organic Chemistry I/Lab	CHEM 106/L	F		
CHEM 252,252L	4	Organic Chemistry II/Lab	CHEM 251/L	W		

Academic Advisor/Date

Department Chair/Date

**BRIGHAM YOUNG UNIVERSITY-HAWAII**  
**Biological Sciences Department**

**Pre-Professional Biology Major Requirements**

**2005-2007**

**STUDENT:** \_\_\_\_\_ **ID#:** \_\_\_\_\_ **GRAD. DATE:** \_\_\_\_\_

Revised 2/06

<b>GENERAL BIOLOGICAL SCIENCES CORE</b>						
<b>***No credit of less than C- in any BIOL/CHEM course is counted toward graduation***</b>						
<b>COURSE#</b>	<b>CR</b>	<b>DESCRIPTION</b>	<b>PREREQUISITES</b>	<b>TAUGHT</b>	<b>TAKEN</b>	<b>GRADE</b>
<b>BIOLOGICAL SCIENCES CORE: 18 Credit Hours</b>						
BIOL 220, 220L	4	Microbiology/Lab	BIOL 100 for non-majors	W		
BIOL 265, 265L	4	Molecular & Cellular Biol/Lab	CHEM 101 or 105/L	F,Sp		
BIOL 376, 376L	4	Genetics/Lab	BIOL 265/L	F		
BIOL 485	3	Senior Biology	Final Semester Sr. Yr.	F,W		
BIOL 491	1	Research & Thesis <b>OR</b> **	Jr/Sr. & Biol 220, 265, 376	F,W		
BIOL 492	1	Research & Thesis <b>OR</b> **	BIOL 491	F,W		
BIOL 493	1	Research & Thesis <b>OR</b> **	BIOL 492	F,W		
**Engl 316	3	Technical Writing	<b>Permission ONLY</b>	Varies		
<b>BIOLOGY ELECTIVES: 26 credits Minimum/ 7 Classes Total</b> (min. 1 class from 200 level & min. 4 classes from 300 & 400 levels, excluding BIOL 495R; only 1 credit of BIOL 495R counted toward Biology elective credits)						
BIOL 201, 201L	4	Botany/Lab	BIOL 100 for non-majors	W		
BIOL 206, 206L	4	Zoology/Lab	BIOL 100 for non-majors	F		
BIOL 204, 204L	4	Pacific Natural History/Lab	BIOL 100 for non-majors	Sp		
BIOL 212, 212L	4	Marine Biology/Lab	BIOL 100 for non-majors	Sp		
BIOL 248, 248L	4	Conservation Biology/Lab	BIOL 201 or 206	F		
BIOL 260, 260L	3	Elem. Human Anatomy/Lab	BIOL 100 for non-majors	W		
BIOL 261, 261L	4	Elem. Human Physiology/Lab	BIOL 100 for non-majors	F		
BIOL 300, 300L	4	Animal Behavior/Lab	BIOL 100 for non-majors	Odd W		
BIOL 350, 350L	4	General Ecology/Lab	BIOL 201/L or 206/L	F		
BIOL 374	3	Evolution & Human Prehistory	BIOL 100 for non-majors	Even W		
BIOL 383, 383L	4	Histology & Dev. Biology	BIOL 265/L	W		
BIOL 441, 441L	4	Molecular Biology/Lab	BIOL 265/L	W		
BIOL 445, 445L	4	Immunology/Lab	BIOL 220/L & 265/L	F		
BIOL 460	3	Advanced Human Anatomy	BIO 260	F		
BIOL 465, 465L	4	Principles of Physiology/Lab	CHEM 105/L & 106/L	W		
BIOL 495R	1	Independent Study	<b>Permission ONLY</b>	F,W,Sp		
<b>CHEMISTRY CORE: 16 Credit Hours</b>						
CHEM 105,105L	4	Gen College Chemistry I/Lab	MATH 110 or Concr Enroll	F,W		
CHEM 106,106L	4	Gen College Chemistry II/Lab	CHEM 105/L	W,Sp		
CHEM 251,251L	4	Organic Chemistry I/Lab	CHEM 106/L	F		
CHEM 252,252L	4	Organic Chemistry II/Lab	CHEM 251/L	W		
<b>Recommended: (Preparation for Graduate School Entrance Exams)</b>						
Math 112	5/3	Calculus	Math 111	F,W		
Physics 121/L	4	General Physics I/Lab	Math 111 and 112	F		
Physics 122/L	4	General Physics II/Lab	Physic 121/L	W		

Academic Advisor/Date

Department Chair/Date