

ORAL ROBERTS UNIVERSITY  
 DEGREE: **Bachelor of Science**  
 MAJOR: **Biology**  
 CONCENTRATION: **Environmental Science (ENV)**

DEGREE PLAN SHEET 2011-2012  
**Biology and Chemistry Department**

TOTAL HOURS REQUIRED 129-132  
 Hours in general education 55  
 Hours in major 37  
 Hours in cognate 19-20  
 Hours in electives 5-6  
 Hours in concentration 13-14

Name \_\_\_\_\_  
 ID \_\_\_\_\_ Date \_\_\_\_\_  
 Telephone \_\_\_\_\_ Email \_\_\_\_\_  
 Advisor \_\_\_\_\_

SEMESTER TAKEN	COURSE CODE	COURSE TITLE	CREDIT HOURS	SEMESTER TAKEN	COURSE CODE	COURSE TITLE	CREDIT HOURS
<b>FRESHMAN Semester 1</b>				<b>FRESHMAN Semester 2</b>			
_____	CHE 111-01	General Chemistry I Lecture	3	_____	CHE 112-01	General Chemistry II Lecture	3
_____	CHE 111-61	General Chemistry I Lab	1	_____	CHE 112-61	General Chemistry II Lab	1
_____	BIO 111-01	Introductory Biology I Lecture	3	_____	BIO 112-01	Introductory Biology II Lecture	3
_____	BIO 111-61	Introductory Biology I Lab	1	_____	BIO 112-61	Introductory Biology II Lab	1
_____	MAT 114	Analysis II or Calculus I	3-4	_____	THE 103	Spirit-Empowered Living	3
_____	or MAT 201	Calculus I	3-4	_____	GOV 101	American Government	3
_____	COMP 102	Reading and Writing in Liberal Arts	3	_____	HPE 002	Health Fitness II	1
_____	PRF 001	Swimming Proficiency					15
_____	HPE 070	Health Fitness I	1				
_____	GEN 099	Whole Person Assessment	0				
			<u>15-16</u>				

<b>SOPHOMORE Semester 3</b>				<b>SOPHOMORE Semester 4</b>			
_____	CHE 211-01	Organic Chemistry I Lecture	3	_____	CHE 212-01	Organic Chemistry II Lecture	3
_____	CHE 211-61	Organic Chemistry I Lab	1	_____	CHE 212-61	Organic Chemistry II Lab	1
_____	BIO 370	Methods in Biotechnology	1	_____	BIO 312-01	Ecology Lecture	3
_____	EVR 350-01	Environmental Science Lecture	3	_____	BIO 312-61	Ecology Lab	1
_____	EVR 350-61	Environmental Science Lab	1	_____	EVR 201	Global Development and Sustainability	3
_____	HUM 101	Introduction to Humanities	3	_____	BLIT 120	Survey of New Testament Literature	3
_____	BLIT 110	Survey of Old Testament Literature	3	_____	HPE _____	HPE Activity	0.5
_____	HPE 026	Swimming*	0.5				<u>14.5</u>
			<u>15.5</u>				

\*May be replaced by HPE Activity if Swimming Proficiency passed

Highly Recommended: Take two (2) courses at Au Sable Institute during Sophomore or Junior summers.

<b>SOPHOMORE or JUNIOR Summer</b>				<b>SOPHOMORE or JUNIOR Summer</b>			
_____	BIO _____	Biology Elective—Upper Div. Lecture	3	_____	BIO _____	Biology Elective—Upper Div. Lecture	3
_____	BIO _____	Biology Elective—Upper Div. Lab	1	_____	BIO _____	Biology Elective—Upper Div. Lab	1
			<u>4</u>				<u>4</u>

<b>JUNIOR Semester 5</b>				<b>JUNIOR Semester 6</b>			
_____	PHY 101	General Physics I	3	_____	BIO 372	Introduction to Biological Research	1
_____	PHY 101	General Physics I	1	_____	PHY 102	General Physics II	3
_____	MAT 332	Biostatistics	3	_____	PHY 102	General Physics II	1
_____	HUM _____	Humanities Elective	3	_____	HIS 101	American History	3
_____	COM 101	Oral Communication	3	_____	HUM _____	Humanities Elective	3
_____	BIO _____	Biology Elective—Upper Div. Lecture	3	_____	COMP 303	Critical Reading and Writing	3
_____	BIO _____	Biology Elective—Upper Div. Lab	1	_____	HPE _____	HPE Activity	0.5
_____	HPE _____	HPE Activity	0.5				<u>14.5</u>
			<u>17.5</u>				

<b>SENIOR Semester 7</b>				<b>SENIOR Semester 8</b>			
_____	BIO 499	Research and Senior Paper	3	_____	BIO 451	Biology Seminar	1
_____	BIO _____	Biology Elective-Upper Div Lecture	3	_____	BIO 456	Bioethics	3
_____	BIO _____	Biology Elective-Upper Div Lab	1	_____	HUM _____	Humanities Elective (see back)	3
_____	EVR 450	Current Global Issues	3	_____	_____	Elective+	5-6
_____	CHE _____	Chemistry (see back)##	3-4	_____	HPE _____	HPE Activity	0.5
_____	_____	Social Sciences Elective	3				<u>12.5-13.5</u>
_____	HPE _____	HPE Activity	0.5				
			<u>16.5-17.5</u>				

##Choose from CHE 300, 400, 474 or Environmental Chemistry (Au Sable)

+Varies depending on number of hours in cognate and concentration

