

ORAL ROBERTS UNIVERSITY
DEGREE: **Bachelor of Science**
MAJOR: **Biology (BIO)**

DEGREE PLAN SHEET 2014-2015
Biology and Chemistry Department

TOTAL HOURS REQUIRED 128
Hours in General Education 55
Hours in Major 37
Hours in Cognate 19
Hours in Electives 17

Name _____
Z No. _____ Date _____
Telephone _____ Email _____
Advisor _____

COURSE EARNED	COURSE CODE	COURSE TITLE	CREDIT HOURS	COURSE EARNED	COURSE CODE	COURSE TITLE	CREDIT HOURS
FRESHMAN Semester 1				FRESHMAN Semester 2			
_____	*BIO/CHE 105	Fundamentals of Biology and Chemistry	3	_____	BIO 112	Introductory Biology II Lecture	3
_____	BIO 111	Introductory Biology I Lecture	3	_____	BIO 112	Introductory Biology II Lab	1
_____	BIO 111	Introductory Biology I Lab	1	_____	BIO 209	Methods in Biotechnology	1
_____	CHE 111	General Chemistry I Lecture	3	_____	CHE 112	General Chemistry II Lecture	3
_____	CHE 111	General Chemistry I Lab	1	_____	CHE 112	General Chemistry II Lab	1
_____	MAT 106/201	Trigonometry or Calculus I	3-4	_____	COM 101	Oral Communication	3
_____	COMP 102	Reading and Writing in Liberal Arts	3	_____	GOV 101	American Government	3
_____	PRF 070	Swimming Proficiency	0	_____	HPE 002	Health Fitness II	1
_____	HPE 001	Health Fitness I	1				16
_____	GEN 099	Whole Person Assessment	0				
			15-19				
SOPHOMORE Semester 3				SOPHOMORE Semester 4			
_____	BIO _____	Biology Elective Lecture	3	_____	BIO 312	Ecology or Field Biology Lecture	3
_____	BIO _____	Biology Elective Laboratory	1	_____	BIO 312	Ecology or Field Biology Laboratory	1
_____	CHE 211	Organic Chemistry I Lecture	3	_____	CHE 212	Organic Chemistry II Lecture	3
_____	CHE 211	Organic Chemistry I Lab	1	_____	CHE 212	Organic Chemistry II Laboratory	1
_____	HUM 103	Christian Worldview and Culture	3	_____	HUM _____	Humanities Elective	3
_____	BLIT 110	Survey of Old Testament Literature	3	_____	BLIT 120	Survey of New Testament Literature	3
_____	HPE _____	HPE Activity	0.5	_____	HIS 101	American History	3
			15	_____	HPE _____	HPE Activity	0.5
							17.5
JUNIOR Semester 5				JUNIOR Semester 6			
_____	PHY 101	General Physics I Lecture	3	_____	BIO 372	Introduction to Biological Research	1
_____	PHY 101	General Physics I Lab	1	_____	PHY 102	General Physics II Lecture	3
_____	MAT 332	Biostatistics	3	_____	PHY 102	General Physics II Lab	1
_____	HUM _____	Humanities Elective	3	_____	BIO _____	Biology Elective Lecture	3
_____	THE 103	Spirit-Empowered Living	3	_____	BIO _____	Biology Elective Laboratory	1
_____	BIO _____	Biology Elective Lecture	3	_____	HUM _____	Humanities Elective	3
_____	BIO _____	Biology Elective Laboratory	1	_____	COMP 303	Critical Reading and Writing	3
_____	HPE _____	HPE Activity	0.5	_____	HPE _____	HPE Activity	0.5
			18				15.5
SENIOR Semester 7				SENIOR Semester 8			
_____	BIO 499	Senior Paper	3	_____	BIO 451	Biology Seminar	1
_____	_____	Social Sciences Elective	3	_____	BIO 456	Bioethics	3
_____	_____	General Elective***	3	_____	_____	General Elective***	3
_____	_____	General Elective***	3	_____	_____	General Elective***	3
_____	BIO _____	Biology Elective Lecture	3	_____	_____	General Elective***	3
_____	BIO _____	Biology Elective Laboratory	1	_____	_____	General Elective***	3
_____	HPE _____	HPE Activity	0.5	_____	HPE _____	HPE Activity	0.5
			16.5				16.5

* Prerequisite for BIO 111/CHE 111 based on ACT/SAT score

*** Follow recommendations of your advisor. Biochemistry and Chemistry minor are possible choices.

DEGREE PLAN SHEET 2014-2015

Biology and Chemistry Department

Biology (BIO Major)

(F)=Fall Semester (S)=Spring Semester

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GENERAL EDUCATION REQUIREMENTS				MAJOR REQUIREMENTS				Credit
55 Credit Hours Required				21 Credit Hours Required				Hours
								3
For the Spirit								1
_____	BLIT	110	Survey of Old Testament Literature	_____	BIO	111	Introductory Biology I Lecture	3
_____	BLIT	120	Survey of New Testament Literature	_____	BIO	111	Introductory Biology I Laboratory	1
_____	THE	103	Spirit-Empowered Living	_____	BIO	112	Introductory Biology II Lecture	1
				_____	BIO	112	Introductory Biology II Laboratory	3
For the Mind				_____	BIO	209	Methods in Biotechnology	1
_____	GEN	099	Whole Person Assessment	_____	BIO	312	Ecology Lecture (F)**	1
_____	PHY	101	General Physics I Lecture*	_____	BIO	312	Ecology Laboratory**	1
_____	PHY	101	General Physics I laboratory*	_____	BIO	372	Introduction to Biological Research (F)	3
_____	PHY	102	General Physics II Lecture*	_____	BIO	451	Biology Seminar (S)	3
_____	PHY	102	General Physics II Laboratory*	_____	BIO	456	Bioethics	
_____	COM	101	Oral Communication	_____	BIO	499	Individual Research and Senior Paper (F)	
_____	COMP	102	Reading and Writing in the Liberal Arts					
_____	COMP	303	Critical Reading and Writing (<i>S Junior Year</i>)					
_____	GOV	101	American Government					
_____	HIS	101	American History					
_____	MAT	332	Biostatistics					
_____	HUM	103	Christian Worldview and Culture					
_____	_____	_____	Humanities Electives (<i>3 required</i>)					
Must choose at least one from the following list:								
<i>HUM 222, 233, 244, 333</i>								
Additional options include:								
<i>HONR 102; HUM 250, 255, 260, 270; COMP 101; MAT 315</i>								
_____	_____	_____	Social Sciences Elective (<i>1 required</i>)					
<i>FIN 244; PSY 201; SOC 201</i>								
								16
				</				