ORAL ROBERTS UNIVERSITY DEGREE PLAN SHEET 2013-2014 TOTAL HOURS REQUIRED Hours in General Education Hours in Major Hours in Concentration Hours in Cognate Hours in Electives Name									
Name Z No. Telepho Advisor			Date Emai						
COURSE EARNED		E	COURSE TITLE	CREDIT HOURS	COURSE EARNED	COURSE CODE	COURSE TITLE	CREDIT HOURS	
	BIO BIO CHE CHE MAT COMP PRF HPE GEN		FRESHMAN Semester 1 Introductory Biology I Lecture Introductory Biology I Lab General Chemistry I Lecture General Chemistry I Lab Trignometry or Calculus I Reading/Writing in Liberal Arts Swimming Proficiency Health Fitness I Whole Person Assessment	3 1 3 1 3-4 3 0 1 0		BIO 112 BIO 112 BIO 290 CHE 112 CHE 112 COM 101 GOV 101 HPE 002	FRESHMAN Semester 2 Introductory Biology II Lecture Introductory Biology II Lab Methods in Biotechnology General Chemistry II Lecture General Chemistry II Lab Oral Communication American Government Health Fitness II	3 1 1 3 1 3 3 1	
	BIO BIO CHE CHE HUM BLIT HPE	312 312 211 211 103 110	SOPHOMORE Semester 3 Ecology Lecture Ecology Laboratory Organic Chemistry I Lecture Organic Chemistry I Lab Christian Worldview and Culture Survey of Old Testament Literat HPE Activity			EVR 201 CHE 212 CHE 212 HUM BLIT 120 HIS 101 HPE	SOPHOMORE Semester 4 Global Development and Sustainability* Organic Chemistry II Lecture Organic Chemistry II Laboratory Humanities Elective Survey of New Testament Literature American History HPE Activity	3 3 1 3 3 3 0.5	
	BIO/AL BIO/AL BIO/AL MAT PHY PHY HPE	JS	JUNIOR Semester 5 Major elective Major elective Biostatistics General Physics I Lecture General Physics I Lab HPE Activity	4 4 3 3 1 0.5 15.5	ng the sur	BIO 372 PHY 102 PHY 102 EVR 250 EVR 250 HUM COMF 303 HPE	JUNIOR Semester 6 Introduction to Biological Research General Physics II Lecture General Physics II Lab Environmental Science Lecture Environmental Science Laboratory Humanities Elective Critical Reading and Writing HPE Activity	1 3 1 3 1 3 3 0.5	
	BIO THE BIO/AU BIO/AU CHE/A HPE	499 103 JS JS	SENIOR Semester 7 Research and Senior Paper Spirit-Empowered Living Major elective Major elective Concentration elective HPE Activity	3 3 4 4 3 0.5	(AUS) d	BIO 451 BIO 456 HUM HPE	SENIOR Semester 8 Biology Seminar Bioethics Humanities Elective General Elective*** General Elective*** Social Sciences Elective HPE Activity	1 3 3 3 4 3 0.5	

Biology

Concentration: Environmental Science

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

GENER	AL EDU	CATIO	ON REQUIREMENTS		MAJOR REQUIREMENTS				
55 Credit	Hours Re	quired		55	21 Credit Hours Re	21			
				Credit			Credit		
For the S	Spirit			Hours			Hours		
	BLIT	110	Survey of Old Testament Literature	3	BIO 111	Introductory Biology I Lecture	3		
	BLIT		Survey of New Testament Literature	3	BIO 111	Introductory Biology I Laboratory	1		
	THE		Spirit-Empowered Living	3	BIO 112	Introductory Biology II Lecture	3		
					BIO 112	Introductory Biology II Laboratory	1		
For the I	Mind				BIO 290	Methods in Biotechnology	1		
	GEN	099	Whole Person Assessment	0	BIO 312	Ecology Lecture (F)	3		
	PHY	101	General Physics I Lecture*	3	BIO 312	Ecology Laboratory	1		
	PHY		General Physics I laboratory*	1	BIO 372	Introduction to Biological Research (F)	1		
	PHY		General Physics II Lecture*	3	BIO 451	Biology Seminar (S)	1		
	PHY		General Physics II Laboratory*	1	BIO 456	Bioethics	3		
	COM		Oral Communication	3	BIO 499	Individual Research and Senior Paper (F)	3		
	COMP		Reading and Writing in the Liberal Arts	3		, , , , , , , , , , , , , , , , , , , ,			
	COMP		Critical Reading and Writing (S Junior Ye		MAJOR ELECT	TIVES			
	GOV	101	American Government	3	16 Credit Hours Re	equired	16		
	HIS		American History	3		m the following lecture and lab courses:			
	MAT		Biostatistics	3	BIO 458	Marine Ecology	4		
	HUM		Christian Worldview and Culture	3	AUS 302	Limnology	4		
		100	Humanities Electives (3 required)	9	AUS 303	Ecological Agriculture	4		
			Must choose at least one from the follow	-	AUS 304	Global Development and Ecological Sustaina	ah 4		
			HUM 222, 233, 244, 333	ing iist.	AUS 311	Field Botany	1D: 4 1		
			Additional options include:		AUS 312	Insect Biology and Ecology	4		
			HONR 102; HUM 250, 255, 260, 270; CO	OMP 101	AUS 471	Conservation Biology	1		
				F	AUS 482	Restoration Ecology	4		
			Social Sciences Elective (1 required)	3		0,	4		
			FIN 244; PSY 201; SOC 201	I	AUS 322	Aquatic Biology	4		
				F		S prefix offered at the Au Sable Institute			
	<u> </u>					AUS*** Au Sable Institute courses recommended by advisor			
,	*Physics	I and II	Lecture and Laboratory may be substitute	ed		ION REQUIREMENTS			
					7 Credit Hours Red	quired	7.0		
For the E	Body								
	HPE	001	Health Fitness I	1	EVR 250	Environmental Science (lecture and lab)	4		
	HPE	002	Health Fitness II	1	EVR 201	Global Development and Sustainability**	3		
	PRF	070	Swimming Course or Proficiency	0					
	One HPE	cours	e per full-time semester at ORU	3	CONCENTRAT	ION ELECTIVES			
				_	3 Credit Hours Red	quired	3.0		
						e of the following courses:	3		
						Environmental Chemistry	3		
COGNA	TE REQ	UIRE	MENTS		CHE 300	Quantitative Analysis (lecture and lab)	4		
19 Credit	Hours Re	quired		19	CHE 400	Chemical Instrumentation (lecture and lab)	4		
					CHE 474	Environmental Analysis	3		
	Choose o	ne of t	he following courses:	3		,			
	MAT 106	Trigr	nometry 3	F	GENERAL ELE	CTIVES			
		_	-		7 Credit Hours Red		7.0		
MAT 201 Calculus I 4 CHE 111 General Chemistry I (lecture and lab)							1.0		
				4	_	LEL A	3		
	UHE 112	Gene	eral Chemistry II (lecture and lab)	4	General Elective				
		_			_				
	CHE 211		nic Chemistry I (lecture and lab) nic Chemistry II (lecture and lab)	4	Gene	eral Elective	4		