

ORAL ROBERTS UNIVERSITY
DEGREE: **Bachelor of Science**
MAJOR: **Science Education (SCEB)**

DEGREE PLAN SHEET 2013-2014
College of Science and Engineering
in cooperation with the
College of Education

TOTAL HOURS REQUIRED 128.5
Hours in general education 54.5
Hours in major 48
Hours in professional education 26

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

SEMESTER TAKEN	COURSE CODE	COURSE TITLE	CREDIT HOURS	SEMESTER TAKEN	COURSE CODE	COURSE TITLE	CREDIT HOURS
FRESHMAN Semester 1				FRESHMAN Semester 2			
_____	CHE 101	Principles of Chemistry I Lecture	3	_____	CHE 111	General Chemistry I Lecture	3
_____	CHE 101	Principles of Chemistry I Lab	1	_____	CHE 111	General Chemistry I Lab	1
_____	BIO 111	Introduction to Biology I Lecture	3	_____	BIO 112	Introduction to Biology II Lecture	3
_____	BIO 111	Introduction to Biology I Lab	1	_____	BIO 112	Introduction to Biology II Lab	1
_____	COMP 102	Reading and Writing in Liberal Arts	3	_____	MAT 113	Math Analysis I	3
_____	COM 101	Oral Communication	3	_____	PED 203	Found. and Methods of Education	3
_____	HPE 001	Health Fitness I	1	_____	PED 121	Field-Based Experience	1
_____	PRF 001	Language Proficiency at 102 Level	0	_____	HPE 002	Health Fitness II	1
_____ F	BLIT 110	Survey of Old Testament Literature	3	_____	HPE 070	Swimming Proficiency	0
_____	PED 100	Education Seminar	0	_____	PED 100	Education Seminar	0
_____	GEN 099	Whole Person Assessment	0				16
			18				

☐ Proficiency for Level 102 before PED Interview

☐ Pass Oklahoma General Education Test (OGET) before PED Interview

SOPHOMORE Semester 3				SOPHOMORE Semester 4			
_____	CHE 112	General Chemistry II Lecture	3	_____	PHS 224	Human Physiology I Lecture	3
_____	CHE 112	General Chemistry II Lab	1	_____	PHS 224	Human Physiology I Lab	1
_____	PHY 101	General Physics I Lecture	3	_____ S	BLIT 120	Survey of New Testament Literature	3
_____	PHY 101	General Physics I Lab	1	_____ S	HUM _____	Humanitas Elective	3
_____	HIS 101	American History	3	_____ S	HONR 102	Philosophy of Science	3
_____ F	HUM 103	Christian Worldview and Culture	3	_____	GOV 101	American Government	3
_____	PSC 201	Principles of Earth Science Lecture	3	_____	HPE _____	HPE Activity	0.5
_____	PSC 201	Principles of Earth Science Lab	1	_____	PED 100	Education Seminar	0
_____	HPE 007	HPE Basic First Aid/CPR	0.5				16.5
_____	PED 100	Education Seminar	0				
			18.5				

☐ Portfolio Review--Phase I

JUNIOR Semester 5				JUNIOR Semester 6			
_____ F	HUM _____	Humanities Elective	3	_____ S	PED 306	Pedagogy II	4
_____ F	THE 103	Spirit Empowerd Living	3	_____	PHS 223	Human Anatomy/Physiology I Lecture	3
_____ F	PED 222	School Health Care	1	_____	PHS 223	Human Anatomy/Physiology I Lab	1
_____ F	PED 305	Pedagogy I	4	_____ S	HUM _____	Humanities Elective	3
_____	HPE _____	HPE Activity	0.5	_____	HPE _____	HPE Activity	0.5
_____	PED 100	Education Seminar	0	_____	PED 100	Education Seminar	0
_____	BIO 370	Methods in Biotechnology	1	_____	_____	Science Elective (Upper Division)	4
_____	_____	Science Elective (Upper Division)	4	_____	BIO 429	Secondary Methods II: Science	1
_____	BIO 429	Secondary Methods I: Science	1	_____	BIO 372	Intro to Biological Research	1
			17.5				17.5

☐ OSAT required for Student Teaching

☐ Portfolio Review--Phase II

SENIOR Semester 7				SENIOR Semester 8**			
_____	BIO 312	Ecology Lecture	3	_____	PED 485	Intern/Student Teaching: 7-9	5
_____	BIO 312	Ecology Lab	1	_____	PED 495	Intern/Student Teaching: 10-12	5
_____	BIO 429	Secondary Methods III: Science	1	_____	PED 361*	Professional Ed. Seminar/Portfolio	0
_____	BIO 499	Individual Research and Senior Paper	3	_____	PED 100	Education Seminar	0
_____	COMP 303	Critical Reading and Writing	3				10
_____	HPE _____	HPE Activity	0.5				
_____	PED 100	Education Seminar	0				
_____	_____	Social Science Elective	3				
			14.5				

☐ Portfolio Review--Phase III

☐ OPTE

*Upper Division Science--see advisor
F (Fall only)
S (Spring only)

Student's Signature _____ Date _____

Advisor's Signature _____ Date _____

Approved: _____

**Bachelor of Science in Science Education
School Teaching Licensure**

2013-2014

Date Completed	General Education		Credit Hours
_____	COMP	102 Reading and Writing in Liberal Arts	3
_____	COMP	303 Critical Reading and Writing	3
_____	PRF	001 Foreign Language Proficiency (Exam or 102 Level)	0
_____	COM	101 Oral Communication	3
_____	HUM	103 Christian Worldview and Culture	3
_____	HUM	_____ Humanitas Elective	3
_____	HUM	_____ Humanitas Elective	3
_____	HUM	_____ Humanitas Elective	3
_____	BLIT	110 Survey of Old Testament Literature	3
_____	BLIT	120 Survey of New Testament Literature	3
_____	THE	103 Spirit Empowered Living	3
_____	_____	Social Sciences Elective (PSY 201, SOC 201, FIN 244, SOC 323)	3
_____	HIS	101 American History	3
_____	GOV	101 American Government	3
_____	MAT	113 Math Analysis (or Calculus 1:4)	3
_____	PSC	201 Principles of Earth Science Lecture	3
_____	PSC	201 Principles of Earth Science Lab	1
_____	CHE	101 Principles of Chemistry Lecture (Honors)	3
_____	CHE	101 Principles of Chemistry Lab	1
_____	HPE	_____ Health, Physical Education, Recreation (HPE I and II, First Aid and CPR, Swimming proficiency and 4 elective courses)	4.5
_____	GEN	99 Whole Person Assessment	0
General Education Total			54.5
<u>Major</u>			
_____	BIO	111 Introduction to Biology I Lecture	3
_____	BIO	111 Introduction to Biology I Lab	1
_____	BIO	112 Introduction to Biology II Lecture	3
_____	BIO	112 Introduction to Biology II Lab	1
_____	BIO	312 Ecology Lecture	3
_____	BIO	312 Ecology Lab	1
_____	BIO	372 Introduction to Biological Research	1
_____	BIO	499 Individual Research and Senior Paper	3
_____	CHE	111 General Chemistry I Lecture	3
_____	CHE	111 General Chemistry I lab	1
_____	CHE	112 General Chemistry II Lecture	3
_____	CHE	112 General Chemistry II Lab	1
_____	PHS	223 Human Anatomy I Lecture	3
_____	PHS	223 Human Anatomy I Lab	1
_____	PHY	101 General Physics I Lecture	3
_____	PHY	101 General Physics I Lab	1
_____	PHS	224 Human Physiology I Lecture	3
_____	PHS	224 Human Physiology I Lab	1
_____	BIO	370 Methods in Biotechnology	1
_____	HONR	102 Philosophy of Science	3
_____	_____	Science Electives-Upper Division (3-4 courses in Biology) (see advisor)	8
Major Total			48
<u>Professional Education</u>			
_____	PED	100 Education Seminar (every semester)	0
_____	PED	121 Field-Based Experience/Practicum (Secondary)	1
_____	PED	203 Foundations and Methods of Education	3
_____	PED	222 School Healthcare	1
_____	PED	305 Pedagogy I	4
_____	PED	306 Pedagogy II	4
_____	PED	361 Professional Education Seminar/Portfolio	0
_____	BIO	429 Secondary Methods: Science (3 semesters, 1 credit each)	1
_____	BIO	429 Secondary Methods: Science (3 semesters, 1 credit each)	1
_____	BIO	429 Secondary Methods: Science (3 semesters, 1 credit each)	1
_____	PED	485 Intern/Student Teaching: 7-9	5
_____	PED	495 Intern/Student Teaching: 10-12	5
Professional Education Total			26
Degree Total			128.5