

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 (or MAT 201 Calc 1)	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 223	Human Anatomy Lecture	3
_____	CHE 112	General Chemistry II Lab	1	_____	PHS 223	Human Anatomy 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	Humanitas Elective	3	_____S	PED 306	Pedagogy II	4
_____F	THE 103	Spirit Empowered Living	3	_____	BIO	Science Elective (Upper Division)	3
_____F	PED 222	School Health Care	1	_____	BIO	Sci Elective Lab (Upper Division)	1
_____F	PED 305	Pedagogy I	4	_____S	HUM	Humanitas 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	_____	BIO	Science Elective (Upper Division)	4
_____	PHS 224	Human Physiology Lecture	3	_____	BIO 372	Introduction to Biological Research	1
_____	PHS 224	Human Physiology Lab	1	_____	BIO 429	Science Methods II	1
_____	BIO 429	Science Methods I	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	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				

*If receiving financial aid, full-time status is required; therefore, you must choose 1 credit hour option for PED 361 plus an HPE activity course.

☐ 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 _____ Humanities Elective	3
_____	HUM _____ Humanities Elective	3
_____	HUM _____ Humanities 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 _____ Math Analysis (MAT113) or Calculus (MAT 201)	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
Major		
_____	BIO 111 Introductory Biology I Lecture	3
_____	BIO 111 Introductory Biology I Lab	1
_____	BIO 112 Introductory Biology II Lecture	3
_____	BIO 112 Introductory Biology II Lab	1
_____	BIO 312 Ecology Lecture (F)	3
_____	BIO 312 Ecology Lab	1
_____	BIO 372 Introduction to Biological Research (F)	1
_____	BIO 499 Individual Research and Senior Paper (F)	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 Lecture (S)	3
_____	PHS 223 Human Anatomy Lab	1
_____	PHY 101 General Physics I Lecture	3
_____	PHY 101 General Physics I Lab	1
_____	PHS 224 Human Physiology Lecture (F)	3
_____	PHS 224 Human Physiology Lab	1
_____	BIO 209 Methods in Biotechnology	1
_____	HONR 102 Philosophy of Science	3
_____	BIO _____ Science Electives-Upper Division (2 courses in Biology) (see advisor)	8
Major Total		48
Professional Education		
_____	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