

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

DEGREE PLAN SHEET 2019-2020
College of Science and Engineering
in cooperation with the
College of Education

TOTAL HOURS REQUIRED 129.0
 Hours in general education 53
 Hours in major 49
 Hours in professional education 27

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			
_____	BIO 111	Introduction to Biology I Lecture	3	_____	HONR 102	Philosophy of Science	3
_____	BIO 111	Introduction to Biology I Laboratory	1	_____	BIO 112	Introduction to Biology II Lecture	3
_____	COMP 102	Composition II	3	_____	BIO 112	Introduction to Biology II Lab	1
_____	COM 101	Oral Communication	3	_____	MAT 106	Trigonometry	3
_____	_____ 001	Foreign Language (101, 102, 203, 204)	3	_____	PED 203	Found. and Methods of Education	3
_____	PED 100	Education Seminar	0	_____	PED 125	Pre-Clinical Experience	1
_____	GEN 150	Introduction to Whole Person Education	1	_____	HPE 155	Health Fitness	1
_____	THE 104	Spirit-Empowered Living I	2	_____	HPE 070	Swimming Proficiency	0
			16	_____	PED 100	Education Seminar	0
				_____	THE 105	Spirit-Empowered Living II	2
							17
SOPHOMORE Semester 3				SOPHOMORE Semester 4			
_____	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 Laboratory	1
_____	PHY 101	General Physics I Lecture	3	_____	PHS 223	Human Anatomy Lecture	3
_____	PHY 101	General Physics I Lab	1	_____	PHS 223	Human Anatomy Lab	1
_____	LANG 101	Foreign Language *Spanish Preferred	3	_____	BLIT 122	Christian Life Thru Biblical Engage. II	2
_____	PSC 201	Principles of Earth Science Lecture	3	_____	HUM _____	Humanities Elective	3
_____	PSC 201	Principles of Earth Science Lab	1	_____	HIS/GO 101	Civics	3
_____	HPE 007	HPE Basic First Aid/CPR	0.5	_____	HPE _____	HPE Activity	0.5
_____	PED 100	Education Seminar	0	_____	PED 100	Education Seminar	0
_____	BLIT 111	Christian Life Thru Biblical Engage. I	2				16.5
			17.5	COE: Benchmark 1 Completed and PEP Interview			
JUNIOR Semester 5				JUNIOR Semester 6			
_____	PHS 224	Human Physiology Lecture	3	_____	PED 306	Pedagogy II	4
_____	PHS 224	Human Physiology Laboratory	1	_____	_____	Science Elective (Upper Division)	4
_____	_____	Upper Division Elective	3	_____	_____	Upper Division Elective	3
_____	PED 222	School Health Care	1	_____	HPE _____	HPE Activity	0.5
_____	PED 305	Pedagogy I	4	_____	PED 100	Education Seminar	0
_____	HPE _____	HPE Activity	0.5	_____	_____	Science Elective (Upper Division)	4
_____	PED 100	Education Seminar	0	_____	BIO 429	Secondary Methods II: Science	1
_____	BIO 209	Methods in Biotechnology	1	_____	BIO 372	Intro to Biological Research	1
_____	BIO 429	Secondary Methods I: Science	1				17.5
_____	HUM _____	Humanities Elective	3				
			17.5	COE: Benchmark 2 Completed			
SENIOR Semester 7				SENIOR Semester 8			
_____	BIO 312	Human Ecology Lecture	3	_____	PED 485	Intern/Student Teaching: 7-9	5
_____	BIO 312	Human Ecology Lab	1	_____	PED 495	Intern/Student Teaching: 10-12	5
_____	BIO 429	Secondary Methods III: Science	1	_____	PED 361	Professional Ed. Seminar/Portfolio	1
_____	BIO 499	Individual Research and Senior Paper	3	_____	PED 100	Education Seminar	0
_____	COMP 303	Critical Reading and Writing	3	_____	BIO 451	Biology Seminar	1
_____	HPE 400	Lifelong Wellness	0.5	_____	HPE _____	HPE Activity	0.5
_____	PED 100	Education Seminar	0				12.5
_____	_____	Upper Division Elective	3				
_____	_____	Social Science Elective	3				
			17.5	COE: Benchmark 3 Completed			

Student's Signature _____ Date _____

Advisor's Signature _____ Date _____

Approved: _____

**Bachelor of Science in Science Education
School Teaching Certification
Science Education (SCEB) Major**

2019-2020

<u>Date Completed</u>	<u>General Education</u>	<u>Credit Hours</u>
_____	COMP 102 Composition II	3
_____	COMP 303 Critical Reading and Writing	3
_____	LANG 101 Foreign Language 101, 102, 203 or 204 *Spanish Preferred	3
_____	COM 101 Oral Communication	3
_____	HUM _____ Humanities Elective - 201, 202, 203, 204, 225	6
_____	BLIT 111 Christian Life Through Biblical Engagement I	2
_____	BLIT 122 Christian Life Through Biblical Engagement II	2
_____	THE 104 Spirit Empowered Living I	2
_____	THE 105 Spirit Empowered Living II	2
_____	HIS _____ Civics - GOV 101, 103, HIS 110, 111, or 200	3
_____	MAT 106 Trigonometry (MAT 106) or Calculus (MAT 201)	3
_____	SOC _____ Social Science Elective - PSY 201, SOC 201, FIN 244, SOC 323, BUS 201, MUS 208	3
_____	PSC 201 Principles of Earth Science Lecture	3
_____	PSC 201 Principles of Earth Science Lab	1
_____	HLSS _____ Health, Leisure and Sport Sciences (HPE 155 and 400, First Aid and CPR, Swimming proficiency or class, and electives)	4
_____	GEN 150 Introduction to Whole Person Education	1
_____	_____ General Education Upper Division Electives	9
	General Education Total	53
	<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 Human Ecology Lecture	3
_____	BIO 312 Human Ecology Lab	1
_____	BIO 372 Introduction to Biological Research	1
_____	BIO 451 Biology Seminar	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 209 Methods in Biotechnology	1
_____	HONR 102 Philosophy of Science	3
_____	_____ Science Electives-Upper Division (see advisor) Lecture and Lab combinations only	8
	Major Total	49
	<u>Professional Education</u>	
_____	PED 100 Education Seminar (every semester)	0
_____	PED 125 Pre-Clinical Experience	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	1
_____	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	27
	Degree Total	129.0

HPE requirements are one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives.