ORAL ROBERTS UNIVERSITY
DEGREE: Bachelor of Science
MAJOR: Mathematics Education (MATE)

DEGREE PLAN SHEET 2012-2013
**College of Science and Engineering
in cooperation with
the College of Education**

TOTAL HOURS REQUIRED	130.5
Hours in general education	54.5
Hours in major	47
Hours in professional education	26

Name _____

Z No. _____   Date _____

Telephone _____   Email _____

Advisor _____

SEMESTER TAKEN	COURSE CODE		COURSE TITLE	CREDIT HOURS
			FRESHMAN Semester 1	
_____	PED	203	Foundation and Methods of Education	3
_____	PED	121	Field-Based Experience/Practicum (Secondary)	1
_____	MAT	114	Math Analysis II	3
_____	COMP	102	Reading and Writing in Liberal Arts	3
_____	CSC	111	Introduction to Computing	3
_____	HPE	001	Health Fitness I	1
_____	HPE	____	Swimming Proficiency	0
_____	PED	100	Education Seminar	0
_____F	HUM	103	Christian Worldview and Culture	3
_____	GEN	099	Whole Person Assessment	0
				17

☐ Language 102 or Proficiency for Level 102 before PED Interview

SEMESTER TAKEN	COURSE CODE		COURSE TITLE	CREDIT HOURS
			SOPHOMORE Semester 3	
_____F	HUM	____	Humanitas Elective	3
_____	MAT	202	Calculus II	4
_____	____	____	Laboratory Science (Biological)	4
_____F	BLIT	110	Survey of Old Testament Literature	3
_____	HPE	007	HPE Basic First Aid/CPR	0.5
_____	MAT	221	Mathematics Concepts I	3
_____	PED	100	Education Seminar	0
				17.5

SEMESTER TAKEN	COURSE CODE		COURSE TITLE	CREDIT HOURS
			JUNIOR Semester 5	
_____	MAT	325	Probability and Statistics	3
_____F	MAT	207	Discrete Mathematics	3
_____F	THE	103	Spirit Empowered Living	3
_____	MAT	451	Math Education Internship	2
_____	HIS	101	American History Survey	3
_____	HPE	____	HPE Activity	0.5
_____F	PED	305	Pedagaogy I	4
_____	PED	100	Education Seminar	0
				18.5

☐ Portfolio Review—Phase I   (PEP Interview)

SEMESTER TAKEN	COURSE CODE		COURSE TITLE	CREDIT HOURS
			SENIOR Semester 7	
_____	MAT	____	Mathematics Elective	3
_____	MAT	401	Higher Algebra	3
_____F	MAT	313	College Geometry*	3
_____	SOC	323	Child and Family in the Social Context	3
_____F	PED	222	School Health Care	1
_____	COMP	303	Critical Reading and Writing	3
_____	HPE	____	HPE Activity	0.5
_____	PED	100	Education Seminar	0
				16.5

*Offered only in odd-numbered years

SEMESTER TAKEN	COURSE CODE		COURSE TITLE	CREDIT HOURS
			FRESHMAN Semester 2	
_____	COM	101	Oral Communication	3
_____	GOV	101	American Government	3
_____S	HUM	____	Humanitas Elective	3
_____	MAT	201	Calculus I	4
_____	CSC	255	Data Structures	3
_____	HPE	002	Health Fitness II	1
_____	PRF	001	Language proficiency	0
_____	PED	100	Education Seminar	0
				17

SEMESTER TAKEN	COURSE CODE		COURSE TITLE	CREDIT HOURS
			SOPHOMORE Semester 4	
_____	MAT	321	Calculus of Functions of Several Variables	4
_____S	HUM	____	Humanitas Elective	3
_____	____	____	Laboratory Science (Physical)	4
_____S	BLIT	120	Survey of New Testament Literature	3
_____	HPE	____	Beginning Swimming or HPE Activity	0.5
_____	MAT	211	Differential Equations	3
_____	PED	100	Education Seminar	0
				17.5

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

SEMESTER TAKEN	COURSE CODE		COURSE TITLE	CREDIT HOURS
			JUNIOR Semester 6	
_____	MAT	315	History of Mathematics	3
_____	MAT	428	Secondary Methods: Mathematics	3
_____S	MAT	312	Linear and Matrix Algebra	3
_____S	PED	306	Pedagogy II	4
_____	____	____	Elective	3
_____	HPE	____	HPE Activity	0.5
_____	PED	100	Education Seminar	0
				16.5

☐ Portfolio Review—Phase II (OSAT required)

SEMESTER TAKEN	COURSE CODE		COURSE TITLE	CREDIT HOURS
			SENIOR Semester 8	
_____	PED	485	Intern/Student Teaching (7-9)	5
_____	PED	495	Intern/Student Teaching (10-12)	5
_____	PED	361*	Professional Education Seminar/Portfolio	0
_____	PED	100	Education Seminar	0
				10

*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 required)

F (Fall only)
S (Spring only)

_____   _____
Student's Signature   Date   Advisor's Signature   Date

Approved: _____

B. S. in Mathematics Education
School Teaching Licensure

2012-2013

General Education

			Hours Required for Degree
COMP	102/303	English	6
COM	101	Oral Communication	3
HUM	103/____	Christian Worldview and Culture and 3 Humanities electives	12
	____/____		
BLIT	110	Survey of Old Testament Literature	3
BLIT	120	Survey of New Testament Literature	3
THE	103	Spirit Empowered Living	3
____	____	Laboratory Science (Biological)	4
____	____	Laboratory Science (Physical)	4
SOC	323	Child and Family in the Social Context	3
HIS	101	American History	3
GOV	101	American Government	3
MAT	114	Math Analysis II	3
HPE	____	Health, Physical Education, Recreation (HPE I & II, First Aid & CPR, swimming proficiency and 4 activity courses)	4.5
PRF	001	Foreign Language Proficiency or 101 and 102 level course	0
GEN	099	Whole Person Assessment	0
		General Education Total	**54.5**

Major

MAT	201	Calculus I	4
MAT	202	Calculus II	4
MAT	207	Discrete Mathematics (Prerequisite 201) (F)	3
MAT	211	Differential Equations (S)	3
MAT	221	Mathematics Concepts I	3
MAT	312	Linear and Matrix Algebra (S)	3
MAT	313	College Geometry (F)	3
MAT	321	Calculus of Functions of Several Variables	4
MAT	325	Probability and Statistics (S)	3
MAT	401	Higher Algebra	3
		Math Elective (choose one of these):	3
		MAT 318 Elementary Number Theory	
		MAT 421 Advanced Calculus	
MAT	315	History of Mathematics	3
		Major Total	**39**

Cognate

CSC	111	Introduction to Computing	3
CSC	255	Data Structures	3
MAT	451	Math Education Internship	2
		Cognate Total	**8**

Professional Education

PED	100	Education Seminar (every semester)	0
PED	121	Field Based Experience/Practicum	1
PED	203	Foundations and Methods of Education	3
PED	222	School Health Care	1
PED	305	Pedagogy I	4
PED	306	Pedagogy II	4
PED	361	Professional Education Seminar/Portfolio	0
MAT	428	Secondary Methods (Mathematics)	3
PED	485	Intern/Student Teaching (7-9)	5
PED	495	Intern/Student Teaching (10-12)	5
		Professional Education Total	**26**
____	____	Elective	3
		Degree Total	**130.5**