Western Oregon UNIVERSITY

Academic Degree Program
2015-16

Major in: **Mathematics**
Middle/High School Authorization
Grade Five through Twelve

Advisor Signature:

Student Name:

Student Signature:

Student ID:

Date:

Major 66-67 hours, 36 UD	Hrs	Has	Lacks
CS 161 Computer Science I	5		
MTH 251 Calculus I	5		
MTH 252 Calculus II	5		
MTH 253 Calculus III Sequences & Series	3		
MTH 254 Multivariate Calculus	5		
MTH 280 Introduction to Proof	4		
MTH 311 Advanced Calculus I	4		
MTH 337 Geometry	4		
MTH 341 Linear Algebra I	4		
MTH 344 Group Theory	4		
MTH 355 Discrete Mathematics	4		
MTH 366 Mathematical Statistics	4		
MTH 411 Capstone Experience I	2		
MTH 412 Capstone Experience II	2		
Choose One:	4		
MTH 345 Ring Theory			
MTH 346 Number Theory			
Upper Division elective in Math:	3-4		
Mathematics teacher education majors must have a grade of C- or better in courses that are used to satisfy major requirements.			

Undergraduate Teacher Preparation			
Pre-Education Courses			
ED 200 Foundations of Education	3		
ED 270 Technology in Education	3		
ED 333 Applied Adolescent Learn-Develop	3		
ED 370 Special Education & Inclusive Communiti	3		
Education Professional Core (38)			
Term I:			
ED 404 Clinical Experience Seminar I	1		
ED 411 Clinical Experience I	3		
ED 418 Assessment, Planning, & Instruction	3		
ED 434 Content Pedagogy	3		
ED 446 Environments for Diverse Learners	3		
ED 481 Introduction to ESOL and Bilingual Education	3		
Term II:			
ED 405 Clinical Experience Seminar II	1		
ED 412 Clinical Experience II	3		
ED 436 Content Pedagogy II	3		
ED 444 Content Literacy	3		
ED 450 Authorization Specialty & Class Mgmt	3		
Term III:			
ED 429 Professional Development Seminar III	2		
ED 498 Clinical Experience III	10		
Test Requirements: www.wou.edu/educationtests			
Minimum degree requirements of at least:			
180 or more total credit hours			
62 Upper Division credit hours			
45 of last 60 credits earned at WOU campus			
BA Degree Requirements			
CS 101 or higher			
Math 105 or higher			
Writing Intensive:			
Foreign Language (C- or better):			
BS Degree Requirements			
CS 121 or higher			
Math 111 or higher			
CS/Math/Stats:			
Diversity:			
Writing Intensive:			