

Mathematics and ELAD Endorsement

I. General Education and Program Core Requirements

A. Lower-Division General Education Requirements

ENG	100	Composition-Enhanced, or	
ENG	101	Composition I	3
ENG	102	Composition II	3
		Fine Arts	3
		Humanities	3
		Mathematics*	
		Science	7
		Social Science	6

(Included in the six credits is the constitution requirement of PSC 101 or HIST 101 and HIST 102)

*Met by mathematics endorsement courses.

Total for Section I A 25

B. Lower-Division Secondary Education Core Requirements

COM	113	Fundamentals of Speech Communication, or	
THTR	102	Introduction to Stage Voice, or	
THTR	221	Oral Interpretation	3
EDU	250	Foundations of Education	3

Total for Section I B..... 6

C. Upper-Division Secondary Education Core Requirements

EDRL	471	Theory and Practice for Academic English Language Development	3
EDRL	474	Methods and Curriculum for Teaching English Language Learners.....	3
EDRL	475	Assessment and Evaluation of English Language Learners	3
EDRL	477	Policies, Critical Issues, and Best Practices for ELLs - Practicum.....	3
EDSC	311	Secondary Methods Practicum I	1
EDSC	313	Secondary Methods Practicum II	1
EDSC	315	Secondary Methods Practicum III	1
EDSC	453	Teaching Secondary Mathematics	3
EDSC	483	Secondary Supervised Teaching Internship.....	14
EDSC	491	Secondary Education Capstone Seminar....	3
EDSP	301	Education of the Exceptional Child	3
EDUC	323	Curriculum Design for Family Engagement	3
EDUC	406	Curriculum and Assessment Education.....	3
EPY	330	Principles of Educational Psychology	3
INT	369	Integrative Science Seminar.....	3

Total for Section I C..... 50

Total for Section I 81

II. Content-Area Requirements Secondary Mathematics Program

A. Lower-Division Requirements*

CS	135	Computer Science I	3
MATH	181	Calculus I	4
MATH	182	Calculus II	4
MATH	251	Discrete Mathematics I	3
MATH	283	Calculus III	4
STAT	152	Introduction to Statistics.....	3
		Mathematics Elective	3

Choose from MATH 126, 126E, 127, or 128 with advisement.

*Three credits of these satisfy the mathematics general education requirement.

Total Unduplicated Lower-Division Requirements 24

B. Upper-Division Requirements

MATH	330	Linear Algebra	3
MATH	331	Groups, Rings, and Fields	3
MATH	333	Number Theory for Secondary School Teachers.....	3
MATH	475	Euclidean and Non-Euclidean Geometry	3
		Mathematics Elective	3

Choose from MATH 285, 310, 314

Total for Section II B..... 15

Total for Section II A 24

Total for Section I..... 81

Total for All Sections 120

SUGGESTED 4 YEAR PLAN OF STUDY**BA—Secondary Education
Mathematics and ELAD Endorsement****FALL—1st Semester Credits**

COM 113	3
ENG 100 or 101	3
FINE ARTS*	3
LOWER-DIVISION MATHEMATICS ELECTIVE**	3
SOCIAL SCIENCE*	3
TOTAL	15

SPRING—2nd Semester Credits

EDU 250	3
EDSC 311	1
CS 135	3
ENG 102	3
SCIENCE*	4
TOTAL	14

FALL—3rd Semester Credits

EDRL 471	3
HUMANITIES*	3
MATH 181	4
SCIENCE*	3
STAT 152	3
TOTAL	16

SPRING—4th Semester Credits

EDSC 313	1
EDUC 323	3
EDUC 406	3
MATH 182	4
SOCIAL SCIENCE*	3
TOTAL	14

FALL—5th Semester Credits

EDRL 474	3
EPY 330	3
MATH 251	3
MATH 283	3
MATH 330	4
TOTAL	16

SPRING—6th Semester Credits

EDSC 315	1
EDSC 453	3
EDRL 475	3
MATH 331	3
MATH 475	3
TOTAL	13

FALL—7th Semester Credits

EDRL 477	3
EDSP 301	3
INT 369	3
MATH 333	3
UPPER-DIVISION MATHEMATICS ELECTIVE**	3
TOTAL	15

SPRING—8th Semester Credits

EDSC 483	14
EDSC 491	3
TOTAL	17

Minimum Credits: 120***Select from page 82******Choose with an advisor**