

Suggested Four-Year Plan of Study MATHEMATICS



Secondary Education — Mathematics

FRESHMAN YEAR

Fall Semester		16 Credits
MATH 1300 OR 2300	Precalculus OR Calculus I.....	(4)
ENGL 1100	Writing I.....	(3)
	LA&S Elective.....	(3)
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Spring Semester		16 Credits
MATH 1860	Introduction to Education (5-12).....	(3)
MATH 2300		
AND LA&S OR	Calculus I AND LA&S Elective OR	
MATH 2400 AND	Calculus II AND	
MATH 2550	Symbolic Computational Mathematics.....	(7)
ENGL 1200	Writing II.....	(3)
CSC 1500	Computer Science I.....	(3)

JUNIOR YEAR

Fall Semester		15 Credits
MATH 4200	Probability and Statistics I.....	(3)
	Math Elective* OR Free Elective.....	(3)
SPED 3800	Inclusive Instruction (5-12).....	(3)
SPCH 1000 OR	Introduction to Speech Communication OR	
SPCH 1100	Argument and Debate.....	(3)
	Advanced LA&S Elective.....	(3)
Spring Semester		16 Credits
MATH 3000	Geometry.....	(3)
MATH 3010	Methods of Teaching Math (5-12) I.....	(3)
MATH 3900	Math Seminar.....	(1)
MATH xxxx	Math Elective*.....	(3)
	Advanced LA&S Elective.....	(3)
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Global Diversity Area

Two courses taken must meet the Global Diversity requirement: GDAN course + (GDC or GDCN course) **OR** GDCN course + (GDA or GDAN course). These courses are allowed to satisfy this requirement and another requirement at the same time.

Completion of 120 credits required for graduation.

SOPHOMORE YEAR

Fall Semester		16 Credits
MATH 2400 OR	Calculus II OR	
MATH 3350	Multivariate Calculus.....	(4)
MATH 2500	Introduction to Mathematical Thought.....	(3)
MATH 2600	Linear Algebra.....	(3)
EDUC 2011	Diversity in Education (5-12).....	(3)
	LA&S Elective.....	(3)
Spring Semester		15-16 Credits
MATH 2550 OR	Symbolic Computational Mathematics OR	
MATH xxxx	Math Elective*.....	(3)
MATH 3350 OR	Multivariate Calculus OR	
MATH xxxx	Math Elective.....	(3-4)
EDUC 2012	Teaching Adolescent Learners (5-12).....	(3)
	Advanced LA&S Elective.....	(3)
	LA&S Elective.....	(3)

SENIOR YEAR

Fall Semester		15 Credits
MATH 4300	Abstract Algebra.....	(3)
MATH 4850	Methods of Teaching Math (5-12) II.....	(3)
MATH 4450	Math Modeling.....	(3)
EDUC 3122	Sheltered English Immersion.....	(3)
	LA&S Elective.....	(3)
Spring Semester		12 Credits
MATH 4012	Practicum Seminar.....	(3)
MATH 4860 & 4870	Mathematics Practicum in Secondary School I & II.....	(9)

*All of the math electives must be at the 3000/4000 level and at least 3 of these credits must be at the 4000 level.

LA&S Elective List

- 1 AOM attribute (Art or Music)
- 1 CTW attribute (Citizenship & The World)
- 3 credits HAF attribute (Health/Fitness)
- 1 HIST subject (History)
- 1 HMN attribute (Human Behavior)
- 1 LAB attribute (Lab Science)
- 1 LIT attribute (Literature)

Advanced LA&S Options Area

Review the three options with your advisor and submit your decision to the Registrar's Office by completion of 60 credits.

Foreign language proficiency at the intermediate level required for Bachelor of Arts candidates.

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