

Suggested Four-Year Plan of Study

MATHEMATICS



Middle School Education: Mathematics (Grades 5-8)

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)
	Advanced LA&S Elective.....(3)

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 4450	Math Modeling.....(3)
MATH 4850	Methods of Teaching Math (5-12) II.....(3)
EDUC 3122	Sheltered English Immersion.....(3)
	LA&S Elective.....(3)
Spring Semester	12 Credits
MATH 4012	Practicum Seminar.....(3)
MATH 4020 & 4030	Practicum in Middle School
	Mathematics (5-8) 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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