

Full name: \_\_\_\_\_ Hamline ID: \_\_\_\_\_ Phone #: \_\_\_\_\_

Anticipated graduation date (such as: May, 2022) \_\_\_\_\_

DEPT	COURSE	TITLE	GRADE	CREDITS	TERM/ YEAR	SUBSTITUTE COURSE*	BREADTH OF STUDY**
MATH	1170	Calculus I		4			no
MATH	1180	Calculus II		4			no
MATH	3330	Linear Algebra		4			no
MATH	3550	Foundations of Mathematics		4			no
MATH	5950	Topics in Advanced Mathematics		4			no

**One course chosen from:**

MATH	5980	Algebra		4			no
MATH	5910	Analysis		4			no

**Two semesters of Junior Seminar and two semesters of Senior Seminar:**

MATH	5920	Junior Seminar		0.5			no
MATH	5920	Junior Seminar		0.5			no
MATH	5930	Senior Seminar		0.5			no
MATH	5930	Senior Seminar		0.5			no

**Six courses in chosen track:**
**Applied Mathematics Track**

MATH	3320	Multivariable and Vector Calculus		4			no
MATH	3410	Mathematical Modeling		4			no
MATH	3720	Differential Equations		4			no
MATH or PHYS	3810 3600	Probability and Mathematical Statistics Mathematical and Computational Methods in Physics & Engineering		4			no

**One course chosen from:**

CSCI	1250	Introduction to Computer Science		4			yes
MATH	1250	Contemporary Mathematics with Applications		4			no
MATH	3440	Discrete Mathematics		4			no

**One additional MATH course above 3000**

MATH	3__			4			no
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**Writing intensive course in the major:**

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\*Department approval is required for transfer courses or other substitutions. Courses used as substitutions must be initialed by Department Chair.

\*\*In order to graduate, you must have at least 48 Breadth of Study credits (credits outside your major department). See above for courses in your major that also count toward Breadth of Study.

 Student signature: \_\_\_\_\_ Date: \_\_\_\_\_  
(required)

 Mathematics advisor signature: \_\_\_\_\_ Date: \_\_\_\_\_  
(required)

 Department chair/director signature: \_\_\_\_\_ Date: \_\_\_\_\_  
(required for course substitutions and waivers)