

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

Anticipated graduation date (such as: May, 2019) \_\_\_\_\_

**12 COURSES AND JUNIOR/SENIOR SEMINAR FOR MAJOR**

DEPT	COURSE	TITLE	GRADE	CREDITS	TERM/ YEAR	SUBSTITUTE COURSE*	BREADTH OF STUDY**
1. MATH	1170	Calculus I		4			no
2. MATH	1180	Calculus II		4			no
3. MATH	3320	Multivariable and Vector Calculus		4			no
4. MATH	3330	Linear Algebra		4			no
5. MATH	3550	Foundations of Mathematics		4			no
6. MATH	3890	Algebra I		4			no
7. MATH	3910	Analysis I		4			no
8. MATH	5890	Algebra II		4			no
9. MATH	5910	Analysis II		4			no
10. MATH	5950	Topics in Advanced Mathematics		4			no

**11.-12. Two additional courses chosen from the following:**

CSCI	1250	Introduction to Computer Science		4			yes
CSCI	3150	Data Structures		4			yes
MATH	3__			4			no
MATH	3__			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

**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 76 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)