

Name: \_\_\_\_\_ Student ID: \_\_\_\_\_

<b>CORE COURSES</b>	_____ MATH 129 or 250A	_____ MATH 355 or 250B
_____ CSC 127A or ISTA 130	_____ MATH 215	_____ MATH 323
_____ MATH 122A & B or 125	_____ MATH 223	

**OPTIONS**

**General/Applied\***

\_\_\_\_\_ MATH 422  
 \_\_\_\_\_ MATH 485  
One of the following sequences:  
 \_\_\_\_\_ MATH 454 & 456  
 \_\_\_\_\_ MATH 464 & 466  
 \_\_\_\_\_ MATH 475A & 475B  
 Additional 400-level course<sup>2</sup>  
 \_\_\_\_\_ MATH \_\_\_\_\_

**Comprehensive\***

\_\_\_\_\_ MATH 413  
 \_\_\_\_\_ MATH 424  
 \_\_\_\_\_ MATH 425A & 425B  
One of the following sequences:  
 \_\_\_\_\_ MATH 415A & 415B  
 \_\_\_\_\_ MATH 454 & 456

**Economics or Business<sup>3</sup>**

\_\_\_\_\_ MATH 425A  
 \_\_\_\_\_ MATH 464  
 \_\_\_\_\_ MATH 410 or 413  
 \_\_\_\_\_ MATH 425B or 466 or 468  
 Additional 400-level course<sup>2</sup>  
 \_\_\_\_\_ MATH \_\_\_\_\_

**APPLICATION COURSES<sup>4</sup>**

\_\_\_\_\_ \_\_\_\_\_  
 \_\_\_\_\_ \_\_\_\_\_

**Computer Science<sup>6</sup>**

One of the following sequences:  
 \_\_\_\_\_ MATH 415A & 415B  
 \_\_\_\_\_ MATH 464 & 466  
 \_\_\_\_\_ MATH 475A & 475B  
Any two of the following:  
 \_\_\_\_\_ MATH 413  
 \_\_\_\_\_ MATH 443  
 \_\_\_\_\_ MATH 445  
 \_\_\_\_\_ MATH 446  
 \_\_\_\_\_ MATH 447  
 \_\_\_\_\_ CSC 473  
 Additional 400-level course<sup>2</sup>  
 \_\_\_\_\_ MATH \_\_\_\_\_

**Life Sciences<sup>7</sup>**

\_\_\_\_\_ MATH 422  
 \_\_\_\_\_ MATH 464  
 \_\_\_\_\_ MATH 485  
 \_\_\_\_\_ MATH 410 or 413  
 \_\_\_\_\_ MATH 454 or 456  
 \_\_\_\_\_ MATH 466 or 468

**Probability & Statistics\***

\_\_\_\_\_ MATH 425A  
 \_\_\_\_\_ MATH 464 & 466  
 \_\_\_\_\_ MATH 413 or 468  
 Additional 400-level course<sup>2</sup>  
 \_\_\_\_\_ MATH \_\_\_\_\_

**\*MINOR Requirement**

Most minors require 18 units, of which 9 are upper division.  
 Minor Courses:  
 \_\_\_\_\_ Course Number/Name  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Education<sup>5</sup>**

\_\_\_\_\_ MATH 361  
 \_\_\_\_\_ MATH 330  
 \_\_\_\_\_ MATH 315  
 \_\_\_\_\_ MATH 404  
 \_\_\_\_\_ MATH 407  
 \_\_\_\_\_ MATH 205  
 \_\_\_\_\_ STCH 310  
 \_\_\_\_\_ SERP 301B  
 \_\_\_\_\_ LCEV408  
 \_\_\_\_\_ LCEV416  
 \_\_\_\_\_ LRC 435  
 \_\_\_\_\_ MATH 406A & 406B  
 \_\_\_\_\_ MATH 494C

<sup>1</sup>The Bachelor of Science degree requires second-semester proficiency in a second language and two semesters of laboratory science courses. Upper division (300-400 level) unit requirement is 42. See Advisement Report (ADVIP) for details. <sup>2</sup>This 400-level course is to be selected in consultation with your faculty advisor; the advisor should either email approval to Laurie Varecka to be marked in the advisement report or list it on the degree check form. At least 15 units of 400-level MATH course work is required for the major. <sup>3</sup>The Economics/Business option requires an Economics or Business Administration minor, or a Thematic minor with an Economics, Finance, or Business Administration emphasis (approved by your major advisor). <sup>4</sup>For the BS degree, except for the Education option, students must complete six units of course work outside the Mathematics Department, approved by the major advisor and that require Calculus or higher math course as a pre-requisite or co-requisite. See ADVIP for a list of courses that fulfill this requirement. Courses taken to fulfill other requirements of the degree may also be applied to this requirement. <sup>5</sup>The Teaching and Learning Mathematics courses within this option replace the minor requirement. No additional minor is required. <sup>6</sup>The Computer Science option requires a Computer Science minor. <sup>7</sup>The Life Sciences option requires a minor in a Life Sciences study area. \*General/Applied, Comprehensive, and Probability and Statistics options have a minor requirement. The minor should be selected in consultation with faculty advisor. Double majors are not required to have a minor. If pursuing a double degree, consult with your major advisor regarding UA requirements. Courses in the minor must be distinct from courses in the major; the course fulfilling the student's program requirement is the only course that may be double-dipped with a minor.