

Foundational Courses	Option Requirements	Supporting Courses	General Education Requirements
(30-31 credits total)	(33 credits total)	(17-18 credits total)	(39 credits total)
<input type="checkbox"/> MATH 140 (4) <input type="checkbox"/> MATH 141 (4) <input type="checkbox"/> MATH 220 (2) <input type="checkbox"/> MATH 230 (4) <input type="checkbox"/> MATH 250 (3) or 251 (4) <input type="checkbox"/> MATH 311W (3) <input type="checkbox"/> MATH 312 (3) <input type="checkbox"/> CMPS 101 or 131 or 201 (3) <input type="checkbox"/> STAT 200 (4)	<input type="checkbox"/> MATH/STAT 414 (3) <input type="checkbox"/> MATH/STAT 415 (3) <input type="checkbox"/> MATH 436 (3) <input type="checkbox"/> MATH 484 (3) Choose 6 credits of the following: <input type="checkbox"/> MATH 310 (3) <input type="checkbox"/> MATH 451 (3) <input type="checkbox"/> MATH 485 (3) <input type="checkbox"/> MATH 486 (3) <u>400-Level MATH Courses</u> Choose 3 credits of 400-level MATH except MATH 401, 405, 406, 441, 470 or 471. <input type="checkbox"/> _____ (3) Area of Application (12 credits) <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____	<input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ *Bold type indicates that courses require a grade of C or better	<u>Writing/Speaking Skills</u> (GWS) (9 credits) <input type="checkbox"/> ENGL 15 or 30 (3) <input type="checkbox"/> ENGL 202 (3) <input type="checkbox"/> CAS 100 (3) <u>Arts</u> (GA) (6 credits) <input type="checkbox"/> _____ <input type="checkbox"/> _____ <u>Humanities</u> (GH) (6 credits) <input type="checkbox"/> _____ <input type="checkbox"/> _____ <u>Social and Behavior Sciences</u> (GS) (6 credits) <input type="checkbox"/> _____ <input type="checkbox"/> _____ <u>Natural Science</u> (GN) (9 credits) <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <u>Health and Wellness</u> (GHW) (3 credits) <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> United States Cultures (US) <input type="checkbox"/> International Cultures (IL) <input type="checkbox"/> First Year Seminar
<p>Systems Analysis Option</p> <p>The goal of this option is to train students to apply mathematics toward the solution of problems in business, economics, and the social and behavioral sciences. The main mathematical tools needed are matrix theory, linear programming and statistics. The requirements include an approved sequence of courses in an area which relates to mathematics.</p>			