

## MATHEMATICS

AREA, COURSE CODE AND NUMBER	COURSE NAME	CREDIT HOURS
<b>General Core Education Requirements</b>	See separate degree plan	<b>53</b>
<b>Institutional Requirements</b>	See separate degree plan	<b>6</b>
<b>Mathematics Required Courses</b>		<b>66</b>
MATH 1317	Pre-Calculus	3
MATH 1342	Applied Statistics	3
MATH 2330	Discrete and Combinational Mathematics	3
MATH 2413	Calculus & Analytical Geometry I	4
MATH 2414	Calculus & Analytical Geometry II	4
MATH 3305	Ordinary Differential Equations	3
MATH 3315	Linear Algebra	3
MATH 3330	Basic Mathematical Logic	3
MATH 3404	Multivariate Calculus	4
MATH 3336	Modern Abstract Algebra	3
MATH 4220	Special Problems	3
MATH 4350	Probability	3
MATH 4373	Introduction to Topology	3
MATH 4378	Advanced Applied Mathematics	3
MATH 4380	(Special Topic) Research Seminar	3
CHEM 1471	General Chemistry I	4
CHEM 1472	General Chemistry II	4
COSC 1331	Introducing to Programming	3
PHYS 1411	General Physics I	4
PHYS 1412	General Physics II	4
<b>Total</b>		<b>125</b>