

**BACHELOR OF SCIENCE IN MATHEMATICAL SCIENCES WITH MINOR IN BIOMATHEMATICS**

<b>I. CORE REQUIREMENTS (63 hours)</b>	
English 1311, 3300, + 6 hours Sophomore Literature	12
Fine Arts 1101, 1102, 1103 + 3 hours of Art, Drama, or Music	6
Foreign Language*	6
Speech	3
Science - Physical Science (Biology 1401, 1402 listed below)	3
Information Technology Proficiency (CS 1101, 1102, 1103)	3
Theology 2301 + 3 hours from: (TH 3301, 3302, 3303, 3330, 3332, 3334, 3350, 3356, 3380, 3382)	6
Philosophy 1310, 2332 + 3 advanced hours	9
Social Science	15
<b>II. MAJOR: MATHEMATICAL SCIENCES (39 hours)</b>	39
Core Mathematics - MT 2412, 2413, 3311, 3324, 3372, 3414, 4331, 4332, 4351	
MT 5360 Senior Project	
Six additional hours of Mathematics:	
MT 4312 Boundary Value Problems	
MT 4352 Numerical Analysis II	
<b>III. MINOR: BIOMATHEMATICS (20 hours)</b>	20
BL 1401, 1402 General Biology for Majors I and II	
12 hours from:	
BL 3400 Biometrics w/Computational Lab	BL 3430 General Physiology
BL 3420 Anatomy	BL 3461 Genetics
BL 3422 Embryology	BL 3481 Medical Microbiology
<b>IV. ELECTIVES</b>	13
<b>TOTAL HOURS</b>	<b>135</b>

**BACHELOR OF SCIENCE IN MATHEMATICAL SCIENCES WITH MINOR IN COMPUTER SCIENCE**

<b>I. CORE REQUIREMENTS (6 hours)</b>	
English 1311, 3300, + 6 hours Sophomore Literature	12
Fine Arts 1101, 1102, 1103 + 3 hours of Art, Drama, or Music	6
Foreign Language*	6
Speech	3
Science ( <i>Biological/Physical</i> ) 6 hours in one area & 3 in the other	9
Information Technology Proficiency (CS 1101, 1102, 1103)	3
Theology 2301 + 3 hours from: (TH 3301, 3302, 3303, 3330, 3332, 3334, 3350, 3356, 3380, 3382)	6
Philosophy 1310, 2332 + 3 advanced hours	9
Social Science	15
<b>II. MAJOR: MATHEMATICAL SCIENCES (39 hours)</b>	39
Core Mathematics - MT 2412, 2413, 3311, 3324, 3372, 3414, 4331, 4332, 4351	
MT 5360 Senior Project	
Six additional hours of Mathematics from:	
MT 3321 Introduction to Modern Algebra	
MT 3323 Discrete Mathematics	
MT 4352 Numerical Analysis II	
<b>III. MINOR: COMPUTER SCIENCE (20 hours)</b>	20
CS 1410 Programming I	
CS 1411 Programming II	
CS 2313 Object Oriented Programming I	
CS 2315 Algorithms	
CS 3313 Software Engineering	
3 hours from:	
CS 4350W Computer Systems Architecture	
CS 4325W Computer Graphics	
CS 4315W Artificial Intelligence	
CS 4330W Data Communication	
CS 4320W Files & Data Base	
<b>IV. ELECTIVES</b>	7
<b>TOTAL HOURS</b>	<b>135</b>

\* 6 hours of Second Year level (2311, 2312) in a foreign language in which the student has prior knowledge or training, meaning he/she speaks the language or took it in high school. Or, 6 hours of Introductory level (1311, 1312) language in which he/she has no prior training knowledge. Or, 12 hours of CLEP credit.