

**MATHEMATICS THREE-YEAR PLAN WITH MINOR IN COMPUTER SCIENCE (TOTAL CREDITS = 102)**

| <b>Fall: Year 1</b>                         |  | <b>Cr.</b> | <b>Spring: Year 1</b>                        |  | <b>Cr.</b> |
|---|--|------------|--|--|------------|
| ENG202: Sophomore Rhetoric                  |  | 3          | ENG203: Fundamentals of Oral Communication   |  | 3          |
| ARA__: Arabic course                        |  | 3          | MTH 301: Linear Algebra                      |  | 3          |
| CSC201: Computer Applications               |  | 1          | MTH 206: Calculus 4                          |  | 3          |
| MTH 201: Calculus III                       |  | 3          | Restricted Elective                          |  | 3          |
| <b>MTH 207: Discrete Structures I</b>       |  | 1          | <b>CSC 245: Objects and Data Abstraction</b> |  | 3          |
| <b>CSC 243: Object Oriented Programming</b> |  |            | ETH201: Moral Reasoning                      |  | 1          |
| <b>Total</b>                                |  | <b>16</b>  | <b>Total</b>                                 |  | <b>16</b>  |

| <b>Summer Year 1</b>      |  | <b>Cr.</b> |
|---------------------------|--|------------|
| LAC Arts Elective         |  | 3          |
| MTH Elective              |  | 3          |
| PED__: Physical Education |  | 1          |
| <b>Total</b>              |  | <b>7</b>   |

| <b>Fall: Year 2</b>                 |  | <b>Cr.</b> | <b>Spring: Year 2</b>                     |  | <b>Cr.</b> |
|-------------------------------------|--|------------|---|--|------------|
| MTH 305: Probability and Statistics |  | 3          | MTH 403: Introduction to Complex Analysis |  | 3          |
| MTH 401: Real Analysis I            |  | 3          | MTH 409: Introduction to Topology         |  | 3          |
| MTH Elective                        |  | 3          | MTH Elective                              |  | 3          |
| LAC Elective                        |  | 3          | <b>CSC Elective</b>                       |  | 3          |
| LAC Humanities                      |  | 3          | LAC Literature                            |  | 3          |
| HLT 201: Basic Health               |  | 1          | Free Elective                             |  | 1          |
| <b>Total</b>                        |  | <b>16</b>  | <b>Total</b>                              |  | <b>16</b>  |

| <b>Fall: Year 3</b>       |  | <b>Cr.</b> | <b>Spring: Year 3</b> |  | <b>Cr.</b> |
|---------------------------|--|------------|-----------------------|--|------------|
| MTH311: Abstract Algebra  |  | 3          | MTH Elective          |  | 3          |
| MTH 410: Real Analysis II |  | 3          | MTH Elective          |  | 3          |
| <b>CSC Elective</b>       |  | 3          | <b>CSC Elective</b>   |  | 3          |
| LAC Science               |  | 3          | LAC Social            |  | 3          |
| LAC Elective              |  | 3          | Free Elective         |  | 3          |
| <b>Total</b>              |  | <b>16</b>  | <b>Total</b>          |  | <b>15</b>  |