

## Agriculture Biotechnology (A20110)

| COURSE   | HOURS   | COURSE                                 | HOURS   |
|--|---------|--|---------|
| <b><u>FIRST SEMESTER (FALL)</u></b>                              |         | <b><u>THIRD SEMESTER (FALL)</u></b>    |         |
| ENG 111 Expository Writing                                       | 3 _____ | BTC 250 Principles of Genetics         | 3 _____ |
| ACA 111/115 College Student<br>Success or Success & Study Skills | 1 _____ | BTC 150 Bioethics                      | 3 _____ |
| *CHM 151 General Chemistry I                                     | 4 _____ | BTC 285 Cell Culture                   | 3 _____ |
| MAT 161 College Algebra  | 3 _____ | HOR 166 Soils & Fertilizers            | 4 _____ |
| BIO 111 General Biology I  | 4 _____ | HOR 168 Plant Propagation              | 4 _____ |
| <b>TOTAL 15</b>  |         | <b>TOTAL 17</b>                        |         |
| <b><u>SECOND SEMESTER (SPRING)</u></b>                           |         | <b><u>FOURTH SEMESTER (SPRING)</u></b> |         |
| *ENG 114 Professional Research<br>& Reporting                    | 3 _____ | SOC/BEH SCI                            | 3 _____ |
| BIO 120 Intro to Botany  | 4 _____ | COE 111 Co-op Work Exp. I              | 1 _____ |
| *CHM 152 General Chemistry II                                    | 4 _____ | BTC 286 Immunol. Tech.                 | 4 _____ |
| BIO 112 General Biology II                                       | 4 _____ | BTC 288 Biotech Lab Experience         | 2 _____ |
| BTC 181 Basic LabTech.   | 4 _____ | HUM/FA elective                        | 3 _____ |
| <b>TOTAL 19</b>  |         | <b>TOTAL 13</b>                        |         |
| <b><u>SUMMER SEMESTER</u></b>                                    |         |  |         |
| CIS 110 Intro to Computers                                       | 3 _____ |  |         |
| BIO 275 Microbiology   | 4 _____ |  |         |
| BIO 280 Biotechnology  | 3 _____ |  |         |
| <b>TOTAL 10</b>  |         |  |         |

\*CHM 131, 131A and 132 can be substituted for CHM 151, and 152.

\*ENG 112 and 113 maybe substituted for ENG 114

\*MAT 162 required for ECU as an additional course.