

| Course  | Title   | Credits             |
|---|---|---------------------|
| <b>1<sup>st</sup> Year – Autumn Semester</b>          |   |                     |
| MATH 1148 <sup>a</sup>                                | College Algebra                                     | 4                   |
| AEDECON 2001 <sup>a</sup>                             | Principles of Food and Resource Economics           | 3                   |
| ENGLISH 1110.01 <sup>a</sup>                          | First-Year English Composition                      | 3                   |
| CHEM 1210 <sup>b</sup>                                | General Chemistry I                                 | 5                   |
| HORTTEC 1201T   | Exploring Horticulture                              | 0.5                 |
| GENSTDS 1201.01T                                      | College Orientation                                 | 0.5                 |
|   |   | <b>Total: 16</b>    |
| <b>1<sup>st</sup> Year – Spring Semester</b>          |   |                     |
| GE Hist. & Cultural Studies                           | Student Choice                                      | 3                   |
| GE Launch Seminar                                     | Student Choice                                      | 1                   |
| AGRCOMM 3130  | Oral Expression in Agriculture                      | 3                   |
| CHEM 1220   | General Chemistry II                                | 5                   |
| HCS 2202  | Form and Function in Cultivated Plants              | 4                   |
|   |   | <b>Total: 16</b>    |
| <b>2<sup>nd</sup> Year – Autumn Semester</b>          |   |                     |
| GE Lit, Vis and Perf Arts                             | Student Choice                                      | 3                   |
| BIOLOGY 1113.01 <sup>a</sup>                          | Bio Sci: Energy Transfer and Development            | 4-5                 |
| CHEM 2510   | Organic Chemistry I                                 | 4                   |
| CRPSOIL 2300T   | Introduction to Soil Science                        | 3                   |
| CRPSOIL 2301T   | Introduction to Soil Science Laboratory             | 1                   |
|   |   | <b>Total: 15-16</b> |
| <b>2<sup>nd</sup> Year – Spring Semester</b>          |   |                     |
| GE R.E. & G. Diversity                                | Student Choice                                      | 3                   |
| BIOLOGY 1114.01                                       | Bio Sci: Form, Function, Diversity, and Ecology     | 4                   |
| HCS 2204  | Ecology of Managed Plant Systems                    | 3                   |
| HCS 2205  | Ecology of Managed Plant Systems                    | 1                   |
| ELECTIVES   | Courses to be selected in consultation with advisor | 2                   |
|   |   | <b>Total: 13</b>    |
| <b>Total Credits for Associate of Science Degree:</b> |   | <b>60-61</b>        |

<sup>a</sup> One possible course from approved GE list or major requirement that has multiple options, as outlined in corresponding Degree Requirements document.

<sup>b</sup> Chem 1210 is open to students with one unit of high school chemistry and Math Placement Level L or M; or a grade of C- or above in Math 1130, 1131, 1148, 1150 or above.

| <b>Approved List of Electives (Select at least 2 credits from list below)</b> |  | <b>Credits</b> | <b>Semester</b> |
|---|--|----------------|-----------------|
| CHEM 2520 <sup>a, b</sup>   | Organic Chemistry II                         | 4              | SP              |
| COMLDR 3537 <sup>b</sup>  | Data Analysis in the Applied Sciences        | 3              | AU              |
| CRPSOIL 2210T <sup>c</sup>  | Sustainable Agriculture Methods              | 1              | AU              |
| HCS 3100  | Intro to Agronomy                            | 3              | AU              |
| HORTTEC 2500T <sup>b, c</sup>   | Greenhouse Environment Control               | 4              | AU              |
| HORTTEC 2740T <sup>b, c</sup>   | Propagation of Nursery and Greenhouse Plants | 4              | SP              |
| HORTTEC 2819T <sup>c</sup>  | Pesticides and their Use                     | 3              | AU              |
| HORTTEC 2880T <sup>b, c</sup>   | Principles of Weed Science                   | 3              | AU, SP          |

<sup>a</sup> Minor equivalent in BS

<sup>b</sup> Consult bulletin for pre- and co-requisite courses.

<sup>c</sup> Major elective in BS