BACHELOR OF SCIENCE DEGREE in SUSTAINABLE AGRICULTURE  
Total Credit Hours Required: 120  
(Effective Fall 2019)

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<th>First Year - Fall</th>
<th>First Year - Spring</th>
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| AVS 145 - Introduction to Animal Science | ENG 101 - College Composition | 3  
| BIO 100 - Basic Biology           | FSN 101 - Introduction to Food and Nutrition | 3  
| NFA 117 - Issues and Opportunities | MAT 116 - Introduction to Calculus | 3  
| PSE 100 - Plant Science           | or                  |  
| PSE 105 - Principles of Sustainable Agriculture | MAT 122 - Pre-Calculus | 4  
|                                   | PSE 101 - Cropping Systems (even yrs) | 3  
|                                   | 15                  | 12/13  

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<th>Second Year - Fall</th>
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| BMB 207 - Fundamentals of Chemistry | BMB 208 - Elementary Physiological Chemistry | 3  
| BMB 209 - Fundamentals of Chemistry Laboratory | BMB 210 - Elementary Physiological Chemistry Laboratory | 1  
| or                               | or                   |  
| CHY 121 - General Chemistry I    | CHY 122 - General Chemistry II | 3  
| CHY 123 - General Chemistry Laboratory I | CHY 124 - General Chemistry Laboratory II | 1  
| PSE 215 - Vegetable and Fruit Production (odd yrs) | CMJ 102 - Fundamentals of Interpersonal Communication | 3  
| STS 232 - Principles of Statistical Inference | or |  
| WLE 200 - Ecology                | CMJ 103 - Public Speaking | 3  
| or                               | or                   |  
| BIO 319 - General Ecology (Spring) | SFR 222 - Environmental Communication Skills | 3  
| General Education: Western Cultural Tradition | ECO 254 - Small Business Economics and Management | 3  
|                                   | EES 140 - Soil Science | 3  
|                                   | EES 141 - Soil Science Laboratory | 1  
|                                   | 16                  | 14  

**Summer**

| 1 | PSE 396 - Field Experience |  

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<th>Third Year - Fall</th>
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| BIO 327 - Introductory Applied Entomology | PSE 216 - UMaine Greens Practicum | 1  
| PHI 232 - Environmental Ethics      | PSE 410 - Plant Propagation | 4  
| or                                 | PSE 415 - Greenhouse Management | 4  
| General Education: Ethics          | PSE 479 - Crop Ecology and Physiology (odd yrs) | 3  
| PSE 203 - Weed Biology and Identification (even yrs) | General Elective | 3  
| PSE 312 - Sustainable Food Systems (even yrs) | 3  
| PSE 320 - Soil Organic Matter Management (even yrs) | 3  
|                                   | 16                  | 15  

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<th>Fourth Year - Fall</th>
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| PSE 403 - Weed Ecology and Management (odd yrs) | PSE 430 - Environmental Horticulture | 3  
| PSE 457 - Plant Pathology           | PSE 440 - Environmental Soil Chemistry and Plant Nutrition (even yrs) | 3  
| General Education: Cultural Diversity and International Perspectives | General Education: Artistic and Creative Expression | 3  
| General Electives                   | General Electives    | 6  
|                                   | 16                  | 15  

**Note:** C- or higher is required for EES 140/141 and all PSE courses.  
**Revised:** May 21, 2019