

# B.S. BIOLOGY - ENVIRONMENTAL SCIENCE

## General Education Courses

|   |   |   |
|---|---|---|
| BR 113                                    | What if They're Right? Individual Responses to Climate Change | 3 |
| EH 105                                    | College Writing   | 3 |
| HE 111                                    | The Husson Experience ***                                     | 1 |
| HY 213                                    | State and Local Government                                    | 3 |
| MS 132                                    | Probability and Statistics                                    | 3 |
| MS 180                                    | Precalculus with Trigonometry                                 | 4 |
| SC 167                                    | Energy and Society  | 3 |
| SC 181 & SL 181                           | Chemistry I and Chemistry Lab I                               | 4 |
| SC 383                                    | Junior Science Seminar  | 3 |
| Fine Arts Elective                        |   | 3 |
| Foreign Culture and Conversation Elective |   | 3 |
| Humanities Elective                       |   | 3 |
| Literature Elective                       |   | 3 |
| Perspectives Electives                    |   | 9 |
| Philosophical Elective                    |   | 3 |
| Psychological/Sociological Elective       |   | 3 |

**Required Science Courses**

|                                      |  |     |
|--------------------------------------|--|-----|
| BA 101 or BA 111                     | Introduction to Business<br>Economic Geography   | 3   |
| MS 212                               | Intermediate Applied Statistics                  | 3   |
| SC 134                               | Introduction to Geology                          | 3   |
| SC 141                               | Environmental Science                            | 3   |
| SC 142                               | Conservation Biology                             | 3   |
| SC 182 & SL 182                      | Chemistry II<br>and Chemistry Lab II             | 4   |
| SC 191 & SL 191                      | General Biology I<br>and General Biology Lab I   | 4   |
| SC 192 & SL 192                      | General Biology II<br>and General Biology Lab II | 4   |
| SC 210 & SL 210                      | Marine Biology<br>and Marine Biology Laboratory  | 4   |
| SC 240 & SL 240                      | Ecology<br>and Ecology Lab                       | 4   |
| SC 349                               | Environmental Inorganic Chemistry                | 3   |
| SC 389                               | Environmental Sampling and Analysis              | 4   |
| SC 481                               | Senior Science Capstone Project I                | 3   |
| Environmental Science Electives 100+ |  | 6   |
| Environmental Science Electives 200+ |  | 6-8 |
| Environmental Science Electives 300+ |  | 3-4 |
| Open Electives                       |  | 9   |

**Total Hours** **123-126**

## First Year

| Fall  | Hours     | Spring  | Hours     |
|---|-----------|---|-----------|
| EH 105 (or Foreign Culture and Conversation Elective) | 3         | EH 105 (or Foreign Culture and Conversation Elective) | 3         |
| HE 111 ***  | 1         | SC 141  | 3         |
| MS 180  | 4         | SC 182 & SL 182                                       | 4         |
| SC 181 & SL 181                                       | 4         | SC 192 & SL 192                                       | 4         |
| SC 191 & SL 191                                       | 4         |   |           |
|   | <b>16</b> |   | <b>14</b> |

## Second Year

| Fall                                  | Hours     | Spring                              | Hours     |
|---------------------------------------|-----------|-------------------------------------|-----------|
| BR 113                                | 3         | MS 212                              | 3         |
| MS 132                                | 3         | SC 142                              | 3         |
| SC 134                                | 3         | SC 167                              | 3         |
| SC 349                                | 3         | Literature Elective                 | 3         |
| Environmental Science Elective (100+) | 3         | Psychological/Sociological Elective | 3         |
|                                       | <b>15</b> |                                     | <b>15</b> |

## Third Year

| Fall                                  | Hours     | Spring                                | Hours        |
|---------------------------------------|-----------|---------------------------------------|--------------|
| HY 213                                | 3         | Environmental Science Elective (200+) | 3-4          |
| SC 210 & SL 210                       | 4         | Fine Arts Elective                    | 3            |
| SC 240 & SL 240                       | 4         | Humanities Elective                   | 3            |
| SC 383                                | 3         | Perspectives Elective                 | 3            |
| Environmental Science Elective (100+) | 3         | Open Elective                         | 3            |
|                                       | <b>17</b> |                                       | <b>15-16</b> |

## Fourth Year

| Fall                                  | Hours | Spring                                | Hours |
|---------------------------------------|-------|---------------------------------------|-------|
| SC 389                                | 4     | BA 101 or 111                         | 3     |
| SC 481                                | 3     | Environmental Science Elective (300+) | 3-4   |
| Environmental Science Elective (200+) | 3-4   | Perspectives Elective                 | 3     |
| Perspectives Elective                 | 3     | Philosophical Elective                | 3     |

|               |       |               |       |
|---------------|-------|---------------|-------|
| Open Elective | 3     | Open Elective | 3     |
| <hr/>         |       | <hr/>         |       |
|               | 16-17 |               | 15-16 |
| <hr/>         |       |               |       |

**Total Hours: 123-126**

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May not be required for degree completion.