

2019-2020  
Sustainable Agriculture and Food Systems  
Track III: Economics and Policy  
**Additional Preparatory Subject Matter Requirements**

| <u>Preparatory Subject Matter</u>                   |   | <u>Quarter(s)<br/>Offered</u> | <u>Unit<br/>s</u> | <u>Completed</u> | <u>Notes</u> |
|---|---|-------------------------------|-------------------|------------------|--------------|
| <b>Mathematics</b>                                  |   |                               |                   |                  |              |
| MAT 16A   | Short Calculus  | I, II, III, IV                | 3                 | _____            | _____        |
| MAT 16B   | Short Calculus  | I, II, III, IV                | 3                 | _____            | _____        |
| <b>Biological Sciences</b> ( <i>choose one</i> )    |   |                               |                   |                  |              |
| BIS 2A  | Introduction to Biology: Essentials of Life                       | I, II, III, IV                | 5                 | _____            | _____        |
| BIS 10  | Everyday Biology  | I, II, III                    | 4                 |                  |              |
| <b>Sociology / Statistics</b> ( <i>choose one</i> ) |   |                               |                   |                  |              |
| SOC 46B   | Introduction to Social Research                                   | I, II, III                    | 5                 | _____            | _____        |
| STA 13  | Elementary Statistics   | I, II, III, IV                | 4                 |                  |              |
| <b>Select one:</b>                                  |   |                               |                   |                  |              |
| EVE 2/ENT 2   | Biodiversity  | II                            | 3                 |                  |              |
| BIS 2B  | Introduction to Biology: Principles of Ecology and Evolution      | I, II, III, IV                | 5                 |                  |              |
| ESP 1   | Environmental Analysis  | I                             | 4                 | _____            | _____        |
| ESP 30  | World Ecosystems & Geography                                      | Alt. years                    | 3                 |                  |              |
| WFC 10  | Wildlife Ecology and Conservation                                 | I, II                         | 4                 |                  |              |
| <b>Select one:</b>                                  |   |                               |                   |                  |              |
| ARE 106   | Econometric Theory and Applications                               | I, II, III, IV                | 4                 |                  |              |
| STA 103   | Applied Statistics for Business and Economics                     | I, II, III, IV                | 4                 | _____            | _____        |
| SOC 106   | Intermediate Social Statistics                                    | I, II                         | 5                 |                  |              |
| <b>Soil Science</b>                                 |   |                               |                   |                  |              |
| SSC 10  | Soils in Our Environment  | I                             | 3                 | _____            | _____        |
| <b>Economics</b>                                    |   |                               |                   |                  |              |
| ECN 1B  | Principles of Macroeconomics                                      | I, II, IV                     | 4                 | _____            | _____        |
| ARE 100A  | Intermediate Microeconomics: Theory of Production and Consumption | I,II,IV                       | 4                 | _____            | _____        |
| <b>Human Society</b> ( <i>Choose one</i> )          |   |                               |                   |                  |              |
| POL 1   | American National Government                                      | I, II,III                     | 4                 | _____            | _____        |
| SOC 3   | Social Problems   | I,II,III,IV                   | 4                 |                  |              |
| ANT 2   | Cultural Anthropology   | I, II, III, IV                | 5                 |                  |              |
| SOC 1   | Introduction to Sociology   | I, II, III, IV                | 5                 |                  |              |

2019-2020  
Sustainable Agriculture and Food Systems  
Track III: Economics and Policy

**Depth Subject Matter Requirements**

| <u>Depth Subject Matter</u>                                    | <u>Prerequisites</u>  | <u>Quarter(s)<br/>Offered</u>                  | <u>Units</u>   | <u>Completed</u> |
|--|---|--|----------------|------------------|
| <b><u>Agricultural and Resource Economics</u></b> (choose one) |   |  |                |                  |
| ARE 112  | Fundamentals of Organization Management                     | Upper-div                                      | I, II, III, IV | 4                |
| ARE 150  | Agricultural Labor  | ARE 100A                                       | III            | 4                |
| ARE 145  | Farm and Rural Resource                                     |  | II             | 4                |
| ARE 147*   | Resource and Environmental                                  | ECN 1A   | II             | 4                |
| ARE 157  | Analysis of Operations and Production Management            | ARE 100A, ARE 155, STA 13 and STA 103          | III            | 4                |
| <b><u>Choose 11-12 units from below:</u></b>                   |   |  |                |                  |
| ARE 120  | Agricultural Policy   | ARE 100A                                       | III            | 4                |
| ARE 130  | Agricultural Markets  | ARE 106, ARE 100A, STA 13 and STA 103          | I              | 4                |
| ARE 176  | Environmental Economics                                     | ARE 100 or ECN 100 or ENC 100A                 | II             | 4                |
| ESP 160  | The Policy Process  | POL 1 and ECN 1A and STA 13 rec                | III            | 4                |
| ESP 161  | Environmental Law   | Upper-Div and one course in ESP/ESM or POL rec | II, III        | 4                |
| ESP 169  | Water Policy and Politics                                   | ECN 1A or POL 1 rec                            | III            | 3                |
| ESP 172  | Public Lands Management                                     | ECN 1A rec                                     | I              | 4                |
| ESP 179  | Environmental Impact Assessment                             | Upper-div and ESP 1                            | II, IV         | 4                |
| <b><u>Choose 8 units from below:</u></b>                       |   |  |                |                  |
| ANT 101*   | Ecology, Nature, and Society                                | ANT 1 or 2 or ESP 30 or EVE 100 or BIS 101 rec | II             | 4                |
| ANT 104N   | Cultural Politics of the Environment                        | ANT 2 rec                                      | II             | 4                |
| ANT 122A   | Economic Anthropology                                       |  | II, III        | 4                |
| CRD 118  | Technology and Society                                      | CRD 1 or CRD 2 or SOC 1 or ANT 2               | I              | 4                |
| CRD 142  | Rural Change in the Industrialized World                    | CRD 1 or CRD 2 or SOC 1 or ANT 2               | II             | 4                |
| CRD 149  | Community Development Perspectives on Environmental Justice |  | III            | 4                |
| CRD 152  | Community Development                                       | CRD 1 or CRD 151 or SOC 2 or ANT 2 or ASA      | III            | 4                |
| SOC 145A   | Third World Dev   | SOC 1, and Upper-div                           | I, III         | 4                |
| SOC 145B*  | Gender and Rural Dev  | SOC 1, SOC 2 or SOC 3 rec                      | II,III         | 4                |
| SOC 130  | Race Relations  | SOC 1, SOC 2, or SOC 3 rec                     | II             | 4                |
| SOC 135  | Social Relationships  |  | II             | 4                |
| SOC 144  | Agricultural and Society                                    |  | II, III        | 4                |

\*Offered odd years, \*\*=offered even years, I =future availability unknown I=Fall Quarter, II=Winter Quarter, III=Spring Quarter, IV=Summer Session

|         |                              |  |   |   |
|---------|------------------------------|--|---|---|
|         |                              | 2019-2020                                |   |   |
|         |                              | Sustainable Agriculture and Food Systems |   |   |
|         |                              | Track III: Economics and Policy          |   |   |
| SOC 160 | Sociology of the Environment | SOC 1, SOC 2, or SOC 3 rec               | I | 4 |