

Program Information

The Sustainability certificate program will provide students with an understanding of the foundation of sustainability, as well as insights and tools for encouraging and strengthening environmental awareness and action in their personal lives and communities. The emerging green economy will require individuals with diverse backgrounds as well as knowledge in their individual field. The certificate program will provide students the opportunity to extend their sustainability knowledge beyond the traditional fields. Students will be encouraged to choose courses from a range of disciplines including: environmental, economic, social/cultural, and wellness. Courses will prepare students to holistically view and thoroughly understand system interconnectivity in our changing modern world.

Program Goals

By completing this certificate, students will achieve the following learning goals:

1. Understand what sustainability is, how systems thinking is used within sustainability, and how sustainability applies to various disciplines;
2. Understand the basics of natural systems and their interactions with humans, as well as the principles and challenges of conservation;
3. Demonstrate an understanding of the science behind climate change, the interaction of historic climate change and society with respect to technology, social organization, political organization, and other aspects of culture, the potential global consequences of climate change, and strategies for mitigating and adapting to it;
4. Demonstrate an understanding of global environmental policy and its consequences; and
5. Understand sustainability across various scales, from the local to the global, as well as the connections that exist between those scales.

Completion Requirements

- A minimum of 12 semester credits in courses numbered 1000 or above must be completed at ARCC.
- A minimum cumulative grade point average (GPA) of 2.0 in courses numbered 1000 or above at ARCC.
- A minimum grade of C must be earned in all program requirements.
- All course requirements must be complete before a certificate will be awarded.
- Students must complete a Certificate Application. Certificate Applications are available online at AnokaRamsey.edu/resources/forms/ under Records and Registration. Alternative formats of the form are available at the Records and Registration Office per request.
- The requirements of this program are subject to change without notice.

◆ *Course has prerequisite - see course schedule or catalog description.*

^ *Course requires Instructor permission.*

NOTE: You are encouraged to contact an academic advisor at 763-433-1230 for course planning assistance and information about transfer credit evaluation and transfer options.

Program Requirements: 7 credits

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|--------------------------|----------------|--------------------------------------|---|
| <input type="checkbox"/> | ANTH/GEOG 1110 | Introduction to Sustainability | 3 |
| <input type="checkbox"/> | BIOL 1103 | Environmental Science Lecture..... | 3 |
| <input type="checkbox"/> | BIOL 1133 | Environmental Science Lab..... | 1 |

Additional Requirements: 9 credits

Choose 9 credits from the following:

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|--------------------------|----------------|--------------------------------------|---|
| <input type="checkbox"/> | ANTH 2251 | Environmental Anthropology | 3 |
| <input type="checkbox"/> | BIOL 2209◆ | General Ecology..... | 4 |
| <input type="checkbox"/> | ECON 2206 | Principles of Microeconomics | 3 |
| <input type="checkbox"/> | GEOG 1101 | Geography of the United States | 3 |
| <input type="checkbox"/> | GEOG 1103 | Physical Geography | 3 |
| <input type="checkbox"/> | GEOG 1106 | World Regional Geography..... | 3 |
| <input type="checkbox"/> | GEOG 1108 | Minnesota Geography | 3 |
| <input type="checkbox"/> | NATS 1051 | Energy Issues and Solutions | 2 |
| <input type="checkbox"/> | PHIL 1120 | Environmental Ethics | 3 |
| <input type="checkbox"/> | POLS 1141 | Environmental Politics..... | 3 |
| <input type="checkbox"/> | PSYC/SOC 2260◆ | Social Psychology | 3 |
| <input type="checkbox"/> | SOC 2100 | Sociology of Food..... | 3 |
| <input type="checkbox"/> | SOC 2221◆ | Social Problems..... | 3 |