**AC-1 Academic Courses**

**Environmental Studies**

ENVI 100 - Ecology of Culture

Undergraduate Course

Liberal Arts

Investigates the interaction of ecology and the development of culture. Explores six different habitats and analyzes formation of traditional cultures in those areas. Compares resource use of traditional cultures with urban, industrial cultures.

3 credits

ENVI 200 - Environmental Science

Undergraduate Course

Liberal Arts

Examination of ecological systems and current environmental issues. Examined in terms of ecological impact, as well as political and economic considerations.

3 credits

ENVI 221 - Ecology of Water

Undergraduate Course

Liberal Arts

Exploration of geological themes through the common thread of water, including: lakes; ponds; streams; rivers; bayous; bays; oceans; glaciers; rain cycles; and aquifers. Topics covered include: plate tectonics; habitat changes; pollution; human population and resource demand; management; conservation and recovery.

3 credits

ENVI 230 - Food – Fuel - Future

Undergraduate Course

Liberal Arts

Examines the relationship between food and fuel. Explores current dominant methodologies in the supply of food and fuel, linkages between them, and alternative ways to meet future demands for both.

3 credits

ENVI 250 - The Biodiversity of Earth

Undergraduate Course

Liberal Arts

Study of the relationships between plants and animals. Topics include: lifestyle differences between related species; niche adaptation; habitat change; evolutionary development of relationships; extinction.

3 credits

ENVI 260 - Environmental Headline News

Undergraduate Course

Liberal Arts

Examines environmental news in the media. Considers news stories in radio, television, and print media that underscore the relationship between people and the environment.

3 credits

ENVI 301 - Ecology of Sarasota

Undergraduate Course

Liberal Arts

Investigates and documents major environmental changes in Sarasota by acquiring historical information, assessing present conditions and ascertaining what community leaders see as Sarasota's future.

3 credits

ENVI 263 – Sustainability

Undergraduate Course

Liberal Arts

Study of sustainability as an emerging dominant operational model for business. Process-based, systems-oriented model takes into account the synergies of economic, environmental, and social decisions. Introduction to Triple Bottom-Line Management as mechanism for understanding, evaluating, and documenting these relationships.

3 credits

ENVI 325 - 21st Century Learning Spaces

Undergraduate Course

Liberal Arts

Collaborative "learning community" in which students, faculty, and guests work together to research learning space design specifications that maximize the opportunity for learning and creative output and are ecologically healthy and sustainable. Explores contemporary learning theory, green designs and considers their application to future RCAD spaces.

3 credits

ENVI 330 - Environmental Ethics & Ecological Beliefs

Undergraduate Course

Liberal Arts

Exploration of ecological and environmental ethics. Topics include: scientific beliefs about ecology; ethics of environmental quality; intergenerational equality relative to our use of resources.

3 credits

ENVI 340 - The Business of Nature

Undergraduate Course

Liberal Arts

Study of the effects of business on nature and the environment. Considers business practices in relation to changing environmental concerns.

3 credits

ENVI 345 - Communicating the Environment

Undergraduate Course

Liberal Arts

Considers the role of artists and designers in communication of environmental and social issues to wider constituencies. Students learn to translate scientific facts and visualization into evocative communications that effectively explain to the viewer his or her role in environmental systems.

3 credits

ENVI 360 - Ecology of Materials

Undergraduate Course

Liberal Arts

Introduction to the ecology of sourcing. Topics include: how things come to us; how things are made or grown; processing/production and their by-products, benefits, and liabilities. Alternatives to current practices.

3 credits

ENVI 370 - Topics in Conservation Ecology

Undergraduate Course

Liberal Arts

Explores topics in ecology and sustainability, including: rapid urbanization; increasing human population; demand for food, water, energy, and natural resources; climate change. Utilizing systems thinking for innovative solutions.

3 credits

ENVI 371 Creating an Ecological City

Undergraduate Course

Liberal Arts

Examines potential paths and processes to transition from traditional to sustainable cities. Topics include: converting waste to energy; rooftop farming; alternative water systems; multi-modal transportation systems; energy efficient buildings; bioregional living; green design; sustainable communities.

3 credits

ENVI 375 - Applied Environmental Design

Undergraduate Course

Liberal Arts

Studies in applied environmental design. Focus on: green building design; healthy home design; landscape architecture; environmental art; environmental restoration projects; alternative energy/transportation systems; and urban planning. Students learn how to assess, design, communicate, and implement ecological revitalization projects and programs.

3 credits

**Business of Art and Design**

INTE 301 Internship Experience

Undergraduate Course

Business of Art and Design

Builds on summer internship experience. Review work done during summer internships. Develop project to convert practical experience and knowledge developed in the field for elective credit.

3 credits

BOAD 352 Strategic Planning

Undergraduate Course

Business of Art and Design

Advanced topics in business of art and design. Creative case analysis of topics such as arts entrepreneurship; visual arts management; non-profit art centers; gallery management, new venture capital ideas innovations in business marketing and current trends in e-commerce.

3 credits

BOAD 450 Entrepreneurship

Undergraduate Course

Business of Art and Design

Study of the field and practice of entrepreneurship. Topics covered may include: decision processes to become a creative entrepreneur; development of successful business ideas; movement of ideas to entrepreneurial firm; growth and management of arts and creative enterprises. Exploration of entrepreneurship as a creative discipline that borrows from design thinking concepts, such as observing, opportunity recognition and ideation, prototyping/testing, and constant iteration, as a means of navigating the process of an entrepreneurial endeavor.

3 credits

BOAD 452 Business Plan: Intern/Project

Undergraduate Course

Business of Art and Design

Students develop and complete a professional thesis project that will help clarify and advance their career goals upon graduation.

3 credits

**Interior Design**

IDES 385 Evidence-Based Design

Undergraduate Course

Interior Design

Application of research methodologies to provide context for design decisions. Application of primary and secondary research; focus on problem identification, information gathering, and analysis for innovative solutions.

3 credits

IDES 466 Thesis

Undergraduate Course

Interior Design

Interior Design thesis project. Develop thesis topic in conjunction with faculty advisory panel; topic should be a reflection of professional ambitions. Faculty approval of thesis required. Requirements include a journal and presentation of the thesis project. Written documentation of design research and development must be presented.

6 credits

IDES 499 Internship

Undergraduate Course

Interior Design

Workplace experience. Internship agreement negotiated between intern and site supervisor; approval of faculty, Registrar, and Director of Career Services required. Duties should be challenging, productive, and develop higher-level skills and knowledge. Journal, documentation of performed work performed, and oral presentation required.

6 credits