**GLOBAL SUSTAINABILITY**

**Master of Arts (M.A.) Degree**

**DEGREE INFORMATION**

**Priority Admission Application Deadlines:**

Fall: June 1

Spring: October 15

Summer: n/a

International applicant deadlines:

<http://www.grad.usf.edu/majors>

**Minimum Total Hours:** 30

**Level:** Masters

**CIP Code:** 30.3301

**Dept Code:** CS

 **Major/College Codes:** GBS / CS

**Approved** 2010

**Concentrations:**

Climate Change and Sustainability (CLT)

Entrepreneurship (ETR)

Food Sustainability and Security (FOO)

Sustainable Business (SBU**)**

Sustainable Energy (SUSE)

Sustainability Policy

Sustainable Tourism (SUT)

Sustainable Transportation (STN)

Water (WTR)

**Graduate Certificates Offered:**

See Graduate Certificates: <http://www.usf.edu/innovative-education/programs/graduate-certificates/>

**CONTACT INFORMATION**

**College:** Patel College of Global Sustainability

**Contact Information:** [www.grad.usf.edu](http://www.grad.usf.edu/)

[www.patel.usf.edu](http://www.patel.usf.edu)

**MAJOR INFORMATION**

The Patel College of Global Sustainability fosters sustainable urban communities and environments through collaborative research, education, and community engagement Its research generates innovations and new knowledge that help communities and nations around the world, including those in developing countries, to reduce their ecological footprint while improving their social, economic, and environmental sustainability parameters to make them healthier, more livable, equitable and more resilient

In this innovative 30 credit hour graduate major, the students will apply their passion for the environment with hands-on experiential learning through internships to find sustainability solutions. The major offers a multidisciplinary study of the environment and social and economic dimensions of sustainability, as well as traning in research methodology to enable practitioners to make informed decisions and to create tangible change toward sustainable futures. All students are required to perform a mandatory internship in the public or private sector. Upon graduation, the students will be ready for careers in global sustainability that require a systems approach, teamwork, program planning, and policy development skills to solve sustainability issues in developing and developed nations.

**Major Research Areas:** Sustainable development, sustainability policy, environmental policy, green communities, ecotourism.

**ADMISSION INFORMATION**

Must meet University requirements (see Graduate Admissions) as well as requirements for admission to the major, listed below.

GPA of at least 3.25; alternatively, a GPA of at least 3.00 along with a GRE Verbal score of 153 or higher, Quantitative of 153 or higher, and Analytical Writing of 3.5 or higher, all taken within 5 years prior to application.

At least two Letters of Recommendation from professors or supervisors (signed, dated, and on official letterhead)

Resume

Letter of Interest (up to 350 words explaining why the student is interested in Sustainability)

Must meet University requirements (see Graduate Admissions) as well as requirements for admission to the major, listed below.

GPA of at least 3.25 or greater; alternatively a GPA of at least 3.00 along with a GRE Verbal score of 153 or higher, Quantitative of 153 or higher and Analytical Writing of 3.5 or higher, all taken within 5 years of application.

At least two letters of recommendation from professors or supervisors (signed, dated, and on official letterhead). Resume

Letter of Interest (up to 350 words explaining why the student is interested in Sustainability)

**English Proficiency Requirement**

International applicants from non-English speaking countries or who have not earned a degree in the United States must demonstrate English Proficiency. A minimum of 600 on the paper-based TOEFL (PBT) or 100 on the Internet-based Test (iBT), IELTS score of 7.0, or a PTE-A score of 68 is required for admission . For specific University requirements –

<http://www.grad.usf.edu/policies_Sect4_full.php#engprof>

**CURRICULUM REQUIREMENTS**

**Total Minimum Hours - 30 credits**

The M.A. in Global Sustainability degree offers a number of concentrations. Students are required to complete 30 credit hours as follows:

Core courses – 12 credit hours

Concentration courses – 9 credit hours

Electives – 6 credit hours

Internship/Research – 3 credit hours

Comprehensive Exam

**CORE COURSES – 12 credit hours**

IDS 6233 3 Concepts and Principles of Sustainability

IDS 6235 3 Economics and Finance for Sustainability

IDS 6234 3 Systems Thinking: The key to Sustainability

IDS 6225 3 Research Methods for Sustainability

**CONCENTRATION REQUIREMENTS - 9 credits minimum**

Students select at least one concentration.

**Climate Change and Sustainability (CLT)**

Choose three of the following courses:

IDS 6208 3 Renewable Power Portfolio

IDS 6210 3 Bioresources for a Sustainable Future

IDS 6222 3 Navigating the Sustainable Food Energy Water Nexus

IDS 6223 3 Waste Not, Want Not: Reconsidering Waste, Re-purposing Wasted Resources

IDS 6247 3 Climate Change Adaptation and Mitigation

EVR 6216 3 Water Quality Policy and Management

PHI 6680 3 Climate Change and Civil Evolution

**Entrepreneurship (ETR)**

Choose three of the following courses

ENT 6116 3 Business Plan Development

ENT 6186 3 Strategic Market Assessment

ENT 6706 3 Global Entrepreneurship

ENT 6930 3 Special Topics/Seminars: Social Entrepreneurship

Or

IDS6239 3 Entrepreneurship with a Social Impact

**Food Sustainability and Security (FOO)**

Choose three of the following courses:

IDS 6210 3 Bioresources for a Sustainable Future

IDS 6222 3 Sustainable Food Energy Water Nexus

IDS 6223 3 Waste Not, Want Not: Reconsidering Waste, Re-purposing Wasted Resources

IDS 6270 3 Sustainable Food Production

IDS 6271 3 Future of Food: Environment, Health, and Policy

PHC 6515 3 Food Safety

URP 6444 3 Global and Community Food Systems

**Sustainable Business (SBU)**

GEB 6457 3 Ethics, Law and Sustainable Business Practices

Choose two of the following courses:

GEB 6527 3 Lean Six Sigma

MAR 6336 3 Promotional Management

MAR 6466 3 Supply Chain Management

MAR 6936 3 Selected Topics in Marketing: Sustainable Marketing

**Sustainable Energy (SUSE)**

Choose three of the following courses:

IDS 6207 3 Renewable Transportation Fuels

IDS 6208 3 Renewable Power Portfolio

IDS 6210 3 Bioresources for a Sustainable Future

IDS 6222 3 Navigating the Sustainable Food Energy Water Nexus

ECH 5931 3 Solar Energy and Applications

EEL 6935 3 Sustainable Energy

**Sustainability Policy ( )**

Choose three of the following courses:

IDS 6239 3 Implementing the United Nations Sustainable Development Goals

EVR 6937 3 Seminar in Environmental Policy

PAD 6307 3 Policy Analysis, Implementation, and Program Evaluation

URP 6930 3 Principles of Environmental Planning

URP 6930 3 Urban Resiliency in the 21st Century City

Choose two of the following courses. Other courses may be considered by concentration Director and PCGS Academic Program Director.

IDS 6247 3 Climate Change Adaptation and Mitigation

URP 6115 3 Planning, Policy and Politics

URP 6422 3 Environmental Planning in Coastal Communities

URP 6930 3 Planning for Disaster Resilience

**Sustainable Tourism (SUT)**

Choose one of the following courses:

IDS 6239 3 Implementing the United Nations Sustainable Development Goals

IDS 6247 3 Climate Change Adaptation and Mitigation

Choose two of the following courses. Other courses may be considered by concentration Director and PCGS Academic Program Director.

IDS 6223 3 Waste Not, Want Not: Reconsidering Waste, Re-purposing Wasted Resources

OCE 6085 3 Ocean Policy

**Sustainable Transportation (STN)**

Choose three of the following courses:

IDS 6207 3 Renewable Transportation Fuels

TTE 5501 3 Transportation Planning and Economics

TTE 6651 3 Public Transportation

TTE 6655 3 Transportation and Land Use

URP 6711 3 Multimodal Transportation Planning

Choose two of the following courses. Other courses may be considered by concentration Director and PCGS Academic Program Director.

CGN 6933 3 Sustainable Transportation

TTE 5205 3 Traffic Systems Engineering

TTE 6507 3 Travel Demand Modeling

TTE 6315 3 Transportation Safety

**Water Sustainability ()**

Choose three of the following courses:

IDS 6222 3 Navigating the Sustainable Food Energy Water Nexus

IDS 6245 3 Sustainable Water Resource Management: Doing More with Less

IDS 6246 3 Water Sensitive Urban design for Sustainable Communities

IDS 6247 3 Water Resources Planning

EVR 6216 3 Water Quality Policy and Management

An additional 6 graduate hours is required. Any other concentration's courses are preferred electives. Other courses may be considered by concentration Director and PCGS Academic Program Director.

**Internship/Research Requirement**

Choose one of the following:

IDS 6946 6 Sustainability Internship

IDS 6935 3 : Capstone Research Project

*The required 3 credit Internship or Research Project will be completed in the student’s last semester*

*Note- for Returned Peace Corps Volunteers (RPCV) in the Peace Corps Coverdell Fellows Program, the required 3 credit hour internship will be fulfilled by completing part or all of the required internship course (IDS 6946) locally or nationally.*

**Comprehensive exam**

The Internship or research report serves as the program's comprehensive exam. As part of this process students write a final report and deliver a presentation based on their internship work or research project.

**COURSES**

 See <http://ugs.usf.edu/course-inventory/>