

COLLEGE OF GLOBAL SUSTAINABILITY



Changes to Note

Graduate Council approved the changes on the date noted.

Major

Global Sustainability	M.A.	Change Major – add new Concentration In Sustainability Policy ; delete Coastal Sustainability ; Change Water to Water Sustainability	3/5/18
Global Sustainability	M.A.	Change from direct receipt to standard application	4/23/18

University of South Florida
Patel College of Global Sustainability
4202 E. Fowler Ave., CGS 101
Tampa, FL 33620

Web address: www.patel.usf.edu

Phone: 813-974-9694

College Dean: Govindan Parayil, Ph.D.

College Information:

The Patel College of Global Sustainability fosters sustainable urban communities and environments through collaborative research, education and community involvement. Its research generates innovations and new knowledge that will help cities around the world, including those in developing countries, reduce their ecological footprint while improving their form and function to make them healthier, more livable and resilient.

The Patel College of Global Sustainability comprises the Patel Center for Global Solutions, the M.A. College of Global Sustainability and the Office of Sustainability. It is an inclusive and holistic school based on interdisciplinary research, design, and education.

Degrees, Majors, Concentrations:

[Master of Arts \(M.A.\)](#)

Global Sustainability (GBS)

Climate Change and Sustainability (CLT)

Entrepreneurship (ETR)

Food Sustainability and Security (FOO)

Sustainable Business (SBU)

Sustainable Energy (SUSE)

Sustainability Policy (SUS)

Sustainable Tourism (SUT)

Sustainable Transportation (STN)

Water Sustainability ()

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 Sustainability (WSR)

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
www.patel.usf.edu

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 training 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 Admission and English Proficiency requirements, 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 (61 percentile) or higher, Quantitative of 153 (51 percentile) 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 100 on the Internet-based Test (iBT), IELTS score of 7.0, or a PTE-A score of 68 is required for admission. For 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
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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 (SUS)

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 6403	3	Planning for Resilient Communities
URP 6406	3	Urban Environmental Policy

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 6316	3	Land Use Planning
URP 6422	3	Environmental Planning in Coastal Communities
URP 6444	3	Global Food Systems Planning
URP 6930C	3	The Disaster Resilient Community

Sustainable Tourism (SUT)

IDS 6236	3	Sustainable Tourism Development: Principles & Practices
IDS 6237	3	Ecotourism and Sustainable Tourism Management for Coastal & Marine Habitat

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
HMG 6246	3	Organizational Effectiveness in Hospitality
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 (WSR)

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 – 3 credit hours

Choose one of the following:

IDS 6946	3	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.

CONCURRENT DEGREES**Concurrent M.S./M.A.**

M.S. in Entrepreneurship in Applied Technologies – 33 hours

M.A. in Global Sustainability – 30 hours

The Concurrent Degrees in Global Sustainability and Entrepreneurship combines two existing majors which allows students to attain two Master's degrees simultaneously rather than in a sequential effort. The time commitment will be about three years with a total of 51 credit hours between the two majors (9 hours are shared). The combination of a Master's in Global Sustainability with a Master's in Entrepreneurship provides students with a comprehensive understanding of concepts, tools, and skills of sustainability, and students will be able to apply these areas in a problem solving context. Students shall have the opportunity to focus on the areas of green technology and development, transport, energy, and sustainable enterprise.

Listed below are the 9 hours of shared courses. Please refer to the specific major listings for full requirements. All graduation requirements of the individual majors apply.

Common Courses (9 credits may be counted toward both the GS and EAT degrees)*

ENT 6016 New Venture Formation	3
ENT 6116 Business Plan Development	3
GMS 6095 Principles of Intellectual Property	3
ENT 6186 Strategic Market Assessment	3
ENT 6947 Applied Topics in Entrepreneurship	3
ENT 6606 Product Development	3
ENT 6415 Venture Capital and Private Equity	3

All Concurrent Degree Master's in Global Sustainability and Entrepreneurship students must complete ENT 6016 (New Venture Formation), ENT 6186 (Strategic Market Assessment) and ENT 6947 (Applied Topics in Entrepreneurship).

Internship

All Concurrent Degree Global Sustainability and Entrepreneurship students must complete a six (6) credit hour internship.

Total Combined hours after sharing: 60 hours*

**See note regarding the 60 hours minimum after sharing credits*

COURSES

<https://www.systemacademics.usf.edu/course-inventory/>