

COLLEGE OF GLOBAL SUSTAINABILITY



Changes to Note

The changes for the College of Global Sustainability were approved by the USF Graduate Council on the dates noted.

Programs

Global Sustainability MA

New Concentration- **Sustainable Energy**
Updated courses

3/3/14
5/19/14

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

Web address: patel.usf.edu
Phone: 813-974-9694

College Dean: Kala Vairavamoorthy, Ph.D.
Associate Director: TBA

Accreditation:

The Commission on Colleges of the Southern Association of Colleges.

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, Programs, Concentrations:

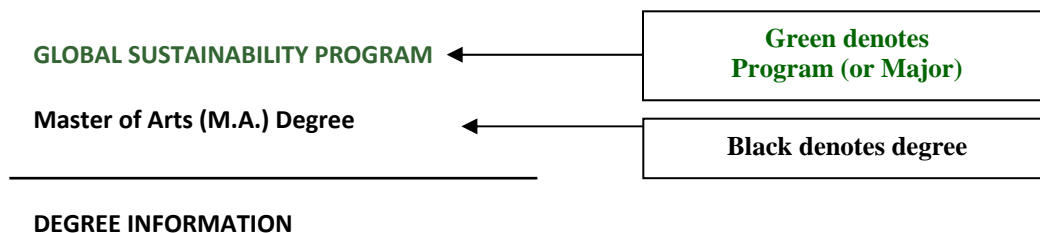
[Master of Arts \(M.A.\)](#)

Global Sustainability (GBS)
 Entrepreneurship (ETR)
 Sustainable Energy (SUSE)
 Sustainable Tourism (SUT)
 Water (WTR)

About the Catalog

The University of South Florida Graduate Catalog is organized with the degree programs offered listed in the section of the College that offers them. For example, the Master of Science degree with a “program” (also known as major) in Biology is listed in the College of Arts and Sciences section. Some colleges offer areas of specialization, or “concentrations” within a degree program.

PROGRAMS



CONCENTRATIONS

Concentration Requirements are listed separately under each Program.

The Program and Concentration are listed on the official transcript. Other areas, such as application tracks, are not listed on the transcript.

Example:
**Master of Arts in Global Sustainability
with a Concentration in Water**

GLOBAL SUSTAINABILITY PROGRAM

Master of Arts (M.A.) Degree

DEGREE INFORMATION

Program Admission Deadlines:
 Fall:
 U.S. February 15

Minimum Total Hours: 30
Program Level: Masters
CIP Code: 30.3301
Dept Code: CS
Program (Major/College): GBS / CS
Approved 2010

Concentrations:

Entrepreneurship (ETR)
 Sustainable Energy (SUSE)
 Sustainable Tourism (SUT)
 Water (WTR)

CONTACT INFORMATION

College: Patel College of Global Sustainability

Contact Information: www.grad.usf.edu
www.patel.usf.edu

PROGRAM 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 help cities around the world, including those in developing countries, to reduce their ecological footprint while improving their form and function to make them healthier, more livable, and more resilient.

In this innovative 30 credit hour program, the students will apply their passion for the environment with cutting-edge research and on-the-ground experience. The program offers a multidisciplinary study of the environment and social and economic dimensions of sustainability to enable informed decisions and to create tangible change toward sustainable futures. Upon graduation, the students will be ready for careers in global sustainability that require teamwork and program planning skills to solve sustainability issues in developing and developed nations.

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools.

Major Research Areas: Global sustainability, integrated resource management, systems thinking, green communities, entrepreneurship, ecotourism

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

- GRE is not required
- GPA of at least 3.0 or greater
- At least two letters of recommendation, one must be academic from a professor at the applicants most recent institution
- Official transcripts for degrees earned at institutions other than the University of South Florida
- 250-500 word essay that includes the student's academic and professional background, reasons for pursuing this degree, and their professional goals in terms of contributing to global sustainability.

- Portfolio – the applicant may provide a portfolio demonstrating prior work that focuses on sustainability
- Applicants whose native language is not English or who have not earned a degree in the United States must also submit TOEFL scores earned within two (2) years of the desired term of entry. A minimum total score of 79 on the internet-based test or 550 on the paper-based test are required. Applications submitted with TOEFL scores that do not meet the minimum requirements will be denied. The TOEFL requirement may be waived if the applicant meets one of the following conditions:
 - The applicant's native language is English, or
 - Has scored 500 or higher on the GRE Verbal Test, or
 - Has earned a college degree at a U.S. institution of higher learning, or
 - Has earned a college degree from an institution whose language of instruction is English (must be noted on the transcript), or
 - Has scored 6.5 on International English Language Testing System (IELTS) <http://www.ielts.org/>

DEGREE PROGRAM REQUIREMENTS

Total Minimum Credit Hours Required:

30 credits

Core requirements – 18 credit hours
 Concentration – 6 credit hours
 Electives – 6 credit hours
 Comprehensive Exam

The M.A. in Global Sustainability degree has three concentrations in sustainable tourism, entrepreneurship and water. It requires students to complete 24 credit hours of coursework and 6 credit hours of internship. Twelve (12) credits of the coursework are required to be completed by all students, at least 6 credits of coursework are within the chosen concentration, and 6 credits are reserved for general electives.

CORE REQUIREMENTS - 18 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 6238 (3) Communicating the Value of Sustainability
 IDS 6946 (6) Global Sustainability Internship

Required Internship will be completed in the last semester of the Program, normally 4-6 weeks or as advised by the Program.

CONCENTRATION REQUIREMENTS - 6 credits

Students select at least one concentration.

Entrepreneurship (ETR)

ENT 6116 (3) Business Plan Development
 ENT 6186 (3) Strategic Market Assessment for New Technologies

Sustainable Energy (SUSE)

IDS 6240 (3) Renewable Transportation Fuels
 IDS 6241 (3) Renewable Power Portfolio

Sustainable Tourism (SUT)

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

Water (WTR)

IDS 6245 (3) Sustainable Water Resource Management: Doing More with Less
 IDS 6xxx (3) Water Sensitive Urban design for Sustainable Communities

Electives for all concentrations***6 credit hours**

Students select two courses from the following list

- ANG 6436 (3) Issues in Heritage Tourism
- ANG 6469 (3) Foundations of Medical Anthropology
- ARC 5931 (3) Special Topics in Architecture: Landscape & Ecology as Urbanism
- ARC 5931 (3) Sustainable Neighborhood Development
- CGN 6933 (3) Green Engineering for Sustainability
- CGN 6933 (3) Green Infrastructure for Sustainable Communities
- CGN 6933 (3) Sustainability Development Engineering
- CWR 6820 (3) Coastal Waves & Structures
- ECH 5785 (3) Sustaining the Earth: An Engineering Approach
- EEL 6935 (3) Sustainable Energy
- EIN 6935 (3) Lean Six Sigma
- ENT 6016 (3) New Venture Formation
- ENT 6415 (3) Venture Capital and Private Equity in Entrepreneurship
- ENT 6606 (3) Product Development
- ENT 6947 (3) Advanced Topics in Entrepreneurship
- ENV 4417 (3) Water Quality and Treatment
- ENV 6667 (3) Environmental Biotechnology
- EVR 6216 (3) Advances in Water Quality Policy and Management
- EVR 6320 (3) Environmental Management
- EVR 6937 (3) Seminar in Environmental Policy: Environmental Policy and the Built Environment
- EVR 6937 (3) Seminar in Environmental Policy: Planning, Policy and Politics
- EVR 6937 (3) Seminar in Environmental Policy: Sustainability and Development
- GEB 6457 (3) Ethics, Law and Sustainable Business Practices
- GMS 6095 (3) Principles of Intellectual Property
- MAN 6746 (3) Designing Sustainable Enterprise
- MAN 6930 (3) Global Entrepreneurship
- MAR 6936 (3) Sustainable Marketing
- PAD 6335 (3) Urban Growth Management
- PAD 6336 (3) Community Development Programs and Strategies
- PHC 6934 (3) Public Health Topics in Global Sustainability
- PHI 6605 (3) Environmental Ethics
- TTE 6270 (3) Intelligent Transportation Systems
- URP 6930 (3) Disaster Resilient Community
- URP 6930 (3) Environmental Planning Issues in Coastal Communities

* *Other courses in global sustainability may be substituted for these electives as approved by the program director.*

Comprehensive exam

The internship report serves as the program's comprehensive exam. As part of this process, students write a 20 page internship proposal and a final internship report. The report requires both field research conducted during the internship and substantial research in the relevant literature. The report is a minimum of 50 pages.

COURSES

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

GLOBAL SUSTAINABILITY AND ENTREPRENEURSHIP IN APPLIED TECHNOLOGIES DUAL DEGREE PROGRAM

Master of Arts in Global Sustainability (M.A.) Degree and Master of Science in Entrepreneurship in Applied Technologies (M.S.)

DEGREE INFORMATION

Program Admission Deadlines:
Refer to respective program deadlines

Minimum Total Hours: 30/30

Program Level: Masters

CIP Code: 30.3301/

Dept Codes: CS/MAN

Program (Major/College): GBS/CS & EAT/BA

CONTACT INFORMATION

Colleges: Business and
Global Sustainability

Departments: Center for Entrepreneurship
and Global Sustainability

Contact Information: www.grad.usf.edu

Other Resources:
www.Patel.usf.edu
www.entrepreneurship.usf.edu
entrepreneurship@usf.edu

PROGRAM INFORMATION

The Dual Degree Program in Global Sustainability and Entrepreneurship combines two existing programs 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 programs (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.

Accreditation:

Accredited by the Commission on Colleges of the Southern Association of College and Schools.

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements for each program. Students must satisfy the requirements for the two degrees separately. Refer to the individual program listings for the specific requirements for each degree.

DEGREE PROGRAM REQUIREMENTS

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

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

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

All Dual 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 Dual Master's in Global Sustainability and Entrepreneurship students must complete a six (6) credit hour internship.

COURSES

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