Sustainability at Slippery Rock University: Preparing Our Students for a Green Economy
Sustainability at SRU

Yesterday - Our History

1889 Permaculture experiment

Today

Climate Commitment & Action Plan

Tomorrow – Our Strategic Plan

Carbon Neutral by 2037
SRU Green Programs & Organizations

**PARKS & RECREATION**
BS, Parks & Resource Management
MS, Parks & Resource Management
Master of Environmental Education

**GEOGRAPHY & ENVIRONMENT**
BS, Environmental Society
BS, Environmental Studies
BS, Environmental Geosciences
BA, Environmental Geosciences
BS, Environmental Sciences
BA, Environmental Geology Pre-Master of Education

**SCHOOL OF BUSINESS**
BSBA, Sustainable Management
Sustainable Enterprise Accelerator

**PHYSICS & PRE-ENGINEERING**
Agricultural Engineering
Biological Engineering
Electrical Engineering
Energy Engineering
Mechanical Engineering
Petroleum & Natural Gas Engineering
Nuclear Engineering

Environmental Geosciences Society
Geography Club
Leave it Green Club
Outing Club
Cycling Club

Robert A. Macoskey Center for Sustainability Education & Research
Slow Foods Club

Students for Sustainability
SUSTAINABILITY AT SRU – TOP DOWN

- Academic Sustainability Programs
- President’s Commission on Sustainability
- President’s Climate Commitment
- STARS Report
- Greenhouse Gas Inventory
- Energy Conservation Policy
- Strategic Plan Trend 5
- Macoskey Center for Sustainable Systems
- McKeever Environmental Education Center
- Sustainable Enterprise Accelerator (SEA)
- Green Fund Grant Program
- Environmental Zoning Committee
SUSTAINABILITY AT SRU – BOTTOM UP

- **Green Clubs**
  - Students for Sustainability
  - Rotoract
  - Enactus
  - Environmental Geosciences Society
  - Park Ranger Society
  - SR Slow Food
  - Geography, Geology, and the Environment Club
  - CSIL Volunteer Corps

- **Co-Curricular Activities**
  - Recyclemania
  - Dump-and-Run
  - Earth Day Activities
  - Green Bike Initiative
  - AASHE Sustainability Day Activities
  - School of Business Speakers Program
Permanent Energy Sector Jobs: Fossil Fuel Industry vs. Green Technologies

Coal-related (2010, incl. 82,595 mining jobs): 174,000
Oil & Gas (incl. non-drilling jobs, 2011): 806,831

Types of “New” Green Jobs

1. Green Increased Demand - an increase in employment demand of **64 existing occupations** that do not entail significant changes in the work and worker requirements of the occupation.

2. Green Enhanced Skills - a significant change to the work and worker requirements of **62 existing occupations**. This impact may or may not result in an increase in employment demand for the occupation.

3. Green New and Emerging Occupations - the need for unique work and worker requirements, which resulted in the generation of **91 new occupations**.

> 2 Million Private Sector Green Jobs, 2011

Locally: 167,397 Green Jobs in PA, 2011

U.S. Dept. of Labor Sources:


http://www.dol.gov/dol/green/

2010 – 2011 Green Jobs, private sector

Green Career Program
Careers & Positions in Sustainability

For Greenbiz “State of Green Business 2013 free report:
http://www.greenbiz.com/microsite/state-green-business

Go to http://www.bls.gov/green/breencareers.htm for green career descriptions, education/skills required, and salaries in many fields, including:

- Biofuels
- Environmental Remediation
- Air & Water Quality Monitoring
- Sustainability
- Electrical Vehicles
- Solar Power
- Wind Energy
- Organic Food Production

Go to http://www.onetcenter.org/green.html?p=2 for new green positions like:

- Chief Sustainability Officer
- Environ. Certification Specialists
- Environ. Economists
- GHG Inventory Specialists

Become a Green ENTREPRENEUR!