The World Needs Geoscientists – Critically.

Geoscientists Provide the Leadership and Smart Decisions When Everything Hangs In the Balance

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MITIGATING THE IMPACT OF HURRICANES
ALLEVIATING ENERGY POVERTY
MAPPING THE SPREAD OF DISEASE AND CRIME
CLEANING UP OIL SPILLS AND PROTECTING OUR COASTAL COMMUNITIES
HELPING PEOPLE PREDICT AND PREPARE FOR EARTHQUAKES
MAPPING MARS PROTECTING BIODIVERSITY IN CRITICAL HABITATS
IDENTIFYING ENERGY RESOURCES FOR DOING MORE WITH LESS
MONITORING AIR QUALITY ASSURING WATER SECURITY
DEVELOPING STRATEGIES FOR GLOBAL CLIMATE CHANGE
TRACKING STORMS ENSURING ADEQUATE FOOD SUPPLIES
PREDICTING RIP CURRENTS FUELING OUR GLOBAL ECONOMY
MAPPING THE OCEANS MITIGATING DROUGHT AND WATER RESOURCES
FINDING UNCONVENTIONAL ENERGY RESOURCES CREATING ENVIRONMENTAL LAW
PREDICTING TORNADOES PROTECTING OUR FISHERIES
MONITORING LAND COVER CHANGE ANALYZING EARTH’S CORE HISTORY TO PREPARE FOR OUR FUTURE
What is student success?
What is student success?
-GPA
-lifelong learning
-low/zero debt
-rewarding career
-the degree

- emotional and physical wellness
- progress toward degree
- balance work and GPA
- skills, competencies
- the Aggie Ring
Five Challenges

- Engage
- Know Your Resources
- Know the Rules
- High-Impact Activities
- Career Planning Starts Now
Engage
-active learning
-meet your professors
-invest in education and face-to-face relationships, not social media
-attend Geosciences Academic Preparation, 21-23 Aug. 2019
Know your resources
- academic advisors
- services (disabilities; assistance; counseling; health)
- syllabus deadlines ... time management
- Howdy; e-campus; email
Know the Rules
- 2.0 GPA in your major, semester, overall...or probation
- Q-drops...careful!
- 15 credit hours/semester
Know the Rules: Absences

-Rule 7

-excused absences (authorized activities, injury/illness; medical confirmation)

-unexcused absences (concert tickets, travel with friends, etc. discuss immediately with instructor!)
Know the Rules: Honor Code
-who reports academic misconduct?
-what is academic misconduct?
High Impact Activities
- Internships (484 hours)
- Research (491 hours)
- Medallion program
- Geosciences Honors program
High Impact Activities
-First Year Experiences (2-semester; peer mentors; 0-1 credit)

Science Below the Sea, Th 4-4:50 pm
Water Worlds (Tues 4-4:50 pm)
Science Can Be a Real Disaster (TBD)
Natural Hazards and Resilience (W 3-4 pm)
Environmental Programs + LLC (TBD)
High Impact Activities
- **Study abroad** (faculty-led; exchange)

Environmental Resilience, Qingdao (China): 15 credits in 75 days Feb-May 2020 program Spring 2020 (GEOL 420, GEOG 380, OCNG 350, ALEC 460)

Meteorology abroad: Barbados summer 2020

U. Leiceister, fall or spring terms
Career Planning Starts Now

-why are your skills and knowledge valued in the workforce?

-how do you prepare for employment?
Why are your skills and knowledge valued?

Need for...

- "Due diligence" analysis to satisfy property transaction requirements
- Energy production (fossil, renewable), transformation, distribution
- Compliance with environmental regulations (Code of Federal Regulations, State Laws)
- Accurate and timely weather information for healthy economies and communities
- Obtain and analyze spatial data (people, places, things)
- Rigorous science + statutory compliance + firm profitability
Career Planning Starts Now

- Science Career Fair (“What skills and knowledge do your recent entry-level hires have?” or “What projects do you offer to your entry-level hires?”)
  10 am-3 pm, 5 Sept. 2019, MSC 2300
- Seek a (paid) internship
- Create LinkedIn profile
- Be informed on one career path
- Search Hire Aggies (Career Center)
- Get ONE interview before graduation

THE COLLEGE OF GEOSCIENCES
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