

Thomas Harriot College of Arts and Sciences Department of GEOLOGICAL SCIENCES Strategic Framework

Vision Statement: The Department of Geological Sciences educates students to be adaptable to a world of ever changing geologic opportunities.

Mission Statement: Our mission is to achieve and sustain high quality, up-to-date instructional programs in our general education course offerings, in our professional undergraduate and masters degree programs and in the Coastal Resources Management doctoral program; to provide opportunities for and to encourage faculty and students in research and creative activities so that their achievements can result in professional recognition for them and for their department and university; to lend our professional expertise in appropriate service to the University, to private and public groups, and to organizations on the local, state, national and international levels; and to integrate these areas of endeavor (teaching, research and service) into the larger, synergistic enterprise of scholarship.

Strategic Directions: The Department of Geological Sciences contributes to the basic Liberal Arts foundation and purposes of the Thomas Harriot College of Arts and Sciences through the development and expansion of human knowledge and skill.

21st Century Education

Geological Sciences Initiative	Priority Addressed <ul style="list-style-type: none"> • Access • Economic Development • Partnerships/Engagement 	Time line	Resource Needs	Evaluation/Assessment
Review what topics, skills, software and instrumentation our students need for a 35 year career in geology	This initiative contributes to both short-term and long-term economic development	Summer 2008	Costs to be met by dept.	Survey recent graduates to determine if their educational needs were met
Create and implement an outreach plan to enhance our interaction with local and regional public schools	This initiative increases access for students who might otherwise not consider a career in the geological sciences	Summer 2010	Costs to be met by dept.	Survey public school teachers and students to determine if students are better informed of opportunities
Increase quantitative content in graduate student education	This initiative contributes to economic development by producing graduate students with broader, relevant skills	Summer 2009	Costs to be met by dept.	Conduct exit interviews and follow-up surveys to determine usefulness of quantitative skills

A Region's Health

Geological Sciences Initiative	Priority Addressed <ul style="list-style-type: none"> • Access • Economic Development • Partnerships/Engagement 	Time line	Resource Needs	Evaluation/Assessment
Increase environmental research activities in eastern North Carolina's coastal zone	This initiative promotes environmental health for the region and, in doing so, provides the framework for promoting the medical health of eastern North Carolina's citizens	Summer 2012	Additional administrative and technical support staff	Compare current research output with that in 2012

A Region's Arts

Geological Sciences Initiative	Priority Addressed <ul style="list-style-type: none"> • Access • Economic Development • Partnerships/Engagement 	Time line	Resource Needs	Evaluation/Assessment
N/A				

A Region's Prosperity

Geological Sciences Initiative	Priority Addressed <ul style="list-style-type: none"> • Access • Economic Development • Partnerships/Engagement 	Time line	Resource Needs	Evaluation/Assessment
Increase the number of students who become employed as geologists in North Carolina	This initiative contributes to economic development by enhancing a skilled workforce	Summer 2012	Increased and additional graduate student assistantships	Compare current employment data with 2012 data
Development of research linkages with NC Coastal Studies Institute and other coastal institutions	This initiative promotes partnerships and involves applied research in hydrology, coastal hazards, etc, that are of direct relevance to economic development	Summer 2012	New ECU/CSI jointly-funded faculty	Review the degree of collaboration in 2012

The Leadership University

Geological Sciences Initiative	Priority Addressed <ul style="list-style-type: none"> • Access • Economic Development • Partnerships/Engagement 	Time line	Resource Needs	Evaluation/Assessment
Increase the involvement of undergraduate students in research and graduate students in their mentorship	This initiative increases access for students to learn about teamwork and management	Summer 2009	Costs to be met by dept.	Compare numbers of current undergraduate students involved in research with 2012 data