General Information Template for Academic Program Review

Degree Area and Level:

B.S. in Geo-Environmental Studies (CIP 03.0103) at UNC Pembroke

Addressing UNC Tomorrow:

This proposed program would address several Recommendations within the UNC Tomorrow Report including the components to enhance our Global Readiness (Recommendation 4.1), Our Citizens and Their Future: Access to Higher Education (Recommendation 4.2), and Our Environment (Recommendation 4.6).

Role of Program in Relation to State and Regional Needs:

According to the proposal, "The regional nature of our university has a high impact on the region. Students learn here and live here. Most return to their communities to work. Therefore, the communities of south-central NC will be enriched by those who sharpen their understanding of the physical Earth through our program. Society in general and North Carolina in particular face a wide scope of technical and policy issues related to geoscience problems including energy resource, water availability, climate change, land use, and pollution. Students in the GES program will be well prepared to understand and act on these issues."

US Labor Department Analysis:

- *Summary* – Employment of environmental scientists is expected to increase by 25 percent between 2006 and 2016, much faster than the average for all occupations. Job growth for environmental scientists and hydrologists should be strongest in private-sector consulting firms. Growth in employment of environmental scientists and hydrologists will be spurred largely by the increasing demands placed on the environment and water resources by population growth. Further demand should result from the need to comply with complex environmental laws and regulations, particularly those regarding ground-water decontamination, clean air, and flood control.
- *Summary Data* – N/A

Availability of Program Statewide (Enrollment and Degrees Awarded in Last 3 Years):

- *Public universities*

Enrollment			**Academic Year**						
			Fall 06	Spr 07	Fall 07	Spr 08	Fall 08	Spr 09	Fall 09
ASU	Environmental Studies	BA & BS	N/A	N/A	N/A	N/A	4	37	73
UNCA	Environmental Studies	BS	88	104	103	105	81	80	91
UNC-CH	Environmental Studies	AB	47	48	50	53	67	64	73
UNCW	Environmental Studies	BA	51	48	56	58	61	74	75

Number of Degrees Awarded			**Academic Year**		
			2006-2007	2007-2008	2008-2009
ASU	Environmental Studies	BA & BS	N/A	N/A	14
UNCA	Environmental Studies	BS	23	54	41
UNC-CH	Environmental Studies	AB	24	19	30
UNCW	Environmental Studies	BA	24	17	29

- *Private universities*

Number of Degrees Awarded		Academic Year		
		2006-2007	2007-2008	2008-2009
Brevard College	BA Environmental Studies	7	6	3
Catawba College	BA Environmental Studies	4	2	5
Elon University	BS & BA Environmental Studies	12	10	15
Guilford College	BA Environmental Studies	9	4	4
Montreat College	BS Environmental Studies	6	1	6
Warren Wilson College	BS & BA Environmental Studies	25	40	32

Available in Online or Distance Format from UNC institutions: Not available.

Available or not from Academic Common Market: Not available.

UNC Pembroke Campus enrollment and degrees awarded in similar programs at the Bachelors level:
(Based on two CIP digits – 03 CIP is the summary group for Natural Resources and Conservation under which Geo-Environmental Studies is listed as a program)

Enrollment			Academic Year						
			Fall 06	Spr 07	Fall 07	Spr 08	Fall 08	Spr 09	Fall 09
UNCP	Environmental Science	BS	13	14	17	13	11	12	17

Number of Degrees Awarded			Academic Year		
			2006-2007	2007-2008	2008-2009
UNCP	Environmental Science	BS	3	6	6

Campus Average of enrollment and degrees awarded in this degree area at the Bachelors level:
(*Based on two CIP digits – 03 CIP is the summary group for Natural Resources and Conservation under which Geo-Environmental Studies is listed as a program - over the last 3 Academic Years, Fall 2006-Fall 2009.)*

Campus Average			
	Number of Active Programs	Enrollment per Semester	Degrees Awarded per Year
ASU	2	22	14
NCCU	1	15	7
NCSU	5	55	18
UNCA	1	93	39
UNC-CH	2	57	24
UNCP	1	14	5
UNCW	2	61	26
WCU	2	21	6
Campus Average		42	17

UNC Pembroke Campus Degree Programs added in the past three years:

- *Bachelor*
  - BS Information Technology (03/16/2007)
  - BIS Interdisciplinary Studies (11/09/2007)
- *Master*
  - Master of Social Work (01/11/2007)
- *Doctoral*
  - N/A

UNC Pembroke Degree Programs discontinued in past three years:

- *Bachelor*
  - BS Biology, Secondary Education (03/20/2009)
  - BS Recreation Management/Administration (03/20/2009)
  - BS Health Promotion (03/20/2009)
- *Master*
  - N/A
- *Doctoral*
  - N/A