General Information Template for Academic Program Review

Degree Area and Level:

Master of Geospatial Information Science and Technology (CIP 30.0601) at NCSU

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 Health (Recommendation 4.5), and Our Environment (Recommendation 4.6).

Role of Program in Relation to State and Regional Needs:

The 2006 National Research Council report stated, "Geographic information systems (GIS), the global Positioning System (GPS), remote sensing, and other information technologies have all changed the nature of work in the mapping sciences and in the professions, industries, and institutions that depend on them for basic research and education. Today, geographic information systems have become central to the ways thousands of government agencies, private companies, and not-for-profit organizations do business. However, the supply of GIS/GIScience professionals has not kept pace with the demand generated by growing needs for more and improved geographic information systems and for more robust geographic data.

US Labor Department Analysis:

- *Summary* – No summary is provided for this CIP cluster.

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

- *Public universities* – Not available.
- *Private universities* – Not available.

Available or not from Academic Common Market:

Not available.

NCSU Campus enrollment and degrees awarded in similar programs at the Masters level:

(*Based on two CIP digits – 30 CIP is the summary group for Multi/Interdisciplinary Studies under which Geospatial Information Science and Technology is a program)*

Enrollment			**Academic Year**						
			Fall 06	Spr 07	Fall 07	Spr 08	Fall 08	Spr 09	Fall 09
NCSU	Nutrition Sciences	M	N/A	N/A	N/A	N/A	N/A	N/A	6
		MS	10	10	9	9	10	5	1
	Multi-/Interdisciplinary Studies, Other	MS	21	21	33	30	37	34	37

Number of Degrees Awarded			**Academic Year**		
			2006-2007	2007-2008	2008-2009
NCSU	Nutrition Sciences	M	3	3	2
		MS	1	2	5
	Multi-/Interdisciplinary Studies, Other	MS	9	11	17

Campus Average of enrollment and degrees awarded in this degree area at the Masters level:
(*Based on two CIP digits – 30 CIP is the summary group for Multi/Interdisciplinary Studies under which Geospatial Information Science and Technology is 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	1	10	5
ECU	1	32	7
NCSU	2	20	9
UNCC	2	47	13
UNC-CH	2	30	13
UNCG	2	20	8
UNCW	1	9	1
WCU	1	1	N/A
Campus Average:		21	8

NCSU Campus Degree Programs added in the past three years:

- *Bachelor*
  - BS Agricultural Science (06/08/2007)
  - BA German Studies (06/08/2007)
  - BA Leadership in the Public Sector (08/11/2006)
  - BS Bioprocessing Science (10/13/2006)
  - BA Design Studies (03/16/2007)
- *Master*
  - MS Analytics (02/09/2007)
  - MAT - Master of Arts in Teaching (10/17/2008)
  - MA Anthropology (08/11/2006)
  - MGIM - Master of Global Innovation Management (01/11/2008)
- *Doctoral*
  - PhD Fisheries and Wildlife Sciences (01/12/2007)

NCSU Campus Degree Programs discontinued in past three years:

- *Bachelor*
  - BS Health Occupations Education (03/20/2009)
- *Master*
  - MS Agricultural and Resource Economics (03/20/2009)
  - MEd in Special Education, Behavior Disorders (03/20/2009)
  - MS Behaviorally/Emotionally Handicapped (03/20/2009)
  - MEd Mentally Handicapped (03/20/2009)
  - MS Mentally Handicapped (03/20/2009)
  - MEd Specific Learning Disabilities (03/20/2009)
  - MS Specific Learning Disabilities (03/20/2009)
  - MS School Psychologist (05/11/2007)
- *Doctoral*
  - PhD School Psychologist (05/11/2007)