

## **Request for Authorization to Establish a Bachelor of Science in Geographic Information Science and Technology at East Carolina University**

East Carolina University requests authorization to establish a B.S. in Geographic Information Science and Technology degree program (CIP 11.0401).

### **Program Description**

The B.S. in Geographic Information Science and Technology (GIST) is a multidisciplinary, 126 semester credit hour program that addresses the application of geospatial technologies in private, public, and educational settings. The GIST degree provides education and training in several contemporary spatial technologies. The mission is to prepare students to integrate and apply spatial technologies in a variety of fields within a learning environment that fosters undergraduate research on real world issues and motivates individuals to develop highly demanded skill sets. The proposed baccalaureate program will build upon the existing GIST certificate program in the Department of Geography at ECU. It is significant that many non-geography majors (such as criminal justice, biology, computer science, geology, anthropology, and other majors) elect to complete the 15 semester credit hour GIST certificate program.

### **UNC Tomorrow Relevance**

Students will learn to employ sophisticated GIST technologies for integrated analyses of economic issues, the environment, and public health, among other topics. This program will thus address several Recommendations within the UNC Tomorrow Report including the components to enhance our Global Readiness (Recommendation 4.1), Our Communities and Their Economic Transformation (Recommendation 4.4), Our Health (Recommendation 4.5), and Our Environment (Recommendation 4.6).

### **Highlights from UNC-GA Data Template**

A 2006 National Research Council report stated, “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.”

No other public or private college or university in North Carolina offers an undergraduate degree in Geographic Information Science and Technology, and only two equivalent degree programs exist nationally. In the past three years, ECU has established one doctorate, one masters, and two baccalaureate programs, and has discontinued four masters and two baccalaureate programs.

### **Outcome of Consultation with Disciplinary Panels**

The panel included faculty members from FSU, NCSU, UNCC, and UNCG in addition to the ECU faculty presenters. Panel members agreed there is high demand for this new undergraduate degree and discussed the desirability of eventually offering this program online. Overall comments were positive, with consensus on the need for this degree program.

### **Student Demand**

The increasing popularity of the GIST certificate program is evidence of student interest in GIST at ECU. The Department of Geography receives frequent inquiries from students regarding the availability of a focused GIST undergraduate degree. Many students select the study of geography as a result of interest in GIST technology and topics. Some community college campuses (such as Central Piedmont Community College) have active and growing GIST-related programs, which can serve as “feeder programs” to this ECU degree. The program projects full enrollment of the program in its fourth year will be 21 full-time upper division students. It is estimated that approximately 30% of these undergraduates would be students who would not have attended ECU otherwise.

### **Opportunities for Graduates of the Program**

The US Department of Labor recently identified geospatial technology as one of the top three growth industries in the US economy (in addition to biotechnology and nanotechnology). Industries employing increasing numbers of geospatial professionals include: architecture/engineering/construction, business, communication, conservation, defense/intelligence, education, government, health and human resources, natural resources, public safety, transportation, and utilities. The degree program can also contribute to small business start-ups and regional economic growth with graduates positioned to establish GIS consulting and services companies.

### **Resource Implications**

**Resource needs:** Because of the multidisciplinary features of this proposed program, no additional faculty, courses, library resources, or physical facilities are needed to implement this new program. Ongoing financial support for the new program will be mainly enrollment growth funding.

**Resources allocated:** In anticipation of initiating this program, the Department of Geography has been gradually strengthening the GIST technological infrastructure in order to be able to offer and support this program.

**Estimated cost to the State:** Based on the University funding formula, when the program reaches full enrollment, ECU would receive additional state appropriations of approximately \$65,000 if fully funded by the General Assembly.

### **Recommendation**

It is recommended that the Board of Governors approve East Carolina University’s request to establish a Bachelor of Science in Geographic Information Science and Technology degree program (CIP 11.0401) subject to the availability of funding.

## General Information Template for Academic Program Review

### ***Degree Area and Level:***

B.S. in Geographic Information Science and Technology (CIP 11.0401) at East Carolina University

### ***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 Communities and Their Economic Transformation (Recommendation 4.4), 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* – Employment of computer programmers is expected to decline slowly, decreasing by 4 percent from 2006 to 2016. The consolidation and centralization of systems and applications, developments in packaged software, advances in programming languages and tools, and the growing ability of users to design, write, and implement more of their own programs mean that more programming functions can be performed by other types of information workers, such as computer software engineers. Another factor contributing to employment decline will be the offshore outsourcing of programming jobs.

Source: [http://www.occsupplydemand.org/OSD\\_UnitOfAnalysis.aspx?CLUSCODE=110B-11&ST=NC&PathNo=1](http://www.occsupplydemand.org/OSD_UnitOfAnalysis.aspx?CLUSCODE=110B-11&ST=NC&PathNo=1)

### ***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:***

North Carolina does not participate in the ACM at the undergraduate level.

### ***ECU Campus enrollment and degrees awarded in similar programs at the Bachelor level:***

(Based on two CIP digits – 11 CIP is the summary group for Computer and Information Sciences and Support Services under which Geographic Information Science and Technology is a program.) Note - The CIP for Information Technology changed from 15.1201 to 11.0103 in 2007 by General Administration.

Enrollment			Academic Year						
			Fall 06	Spr 07	Fall 07	Spr 08	Fall 08	Spr 09	Fall 09
ECU	Information Technology	BS	N/A	N/A	N/A	N/A	1	1	116
	Computer Science	BA	5	5	6	4	5	7	14
		BS	58	58	55	59	56	56	66

Number of Degrees Awarded			Academic Year		
			2006-2007	2007-2008	2008-2009
ECU	Information Technology	BS	N/A	29	26
	Computer Science	BA	2	0	1
		BS	16	13	28

***Campus Average of enrollment and degrees awarded in this degree area at the Bachelors level:***  
*(Based on two CIP digits – 11 CIP is the summary group for Computer and Information Sciences and Support Services under which Geographic 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	74	26
ECSU	1	38	15
ECU	2	52	24
FSU	1	50	12
NCA&T	1	100	24
NCCU	2	42	10
NCSU	1	330	118
UNCA	2	35	17
UNCC	1	308	83
UNC-CH	2	39	21
UNCG	2	86	27
UNCP	2	22	10
UNCW	1	28	23
WCU	1	24	6
WSSU	3	30	11
Campus Average:		84	28

***ECU Degree Programs added in the past three years:***

- Bachelor
  - BS Applied Atmospheric Science (02/12/2010)
  - BA African and African American Studies (02/09/2007)
- Master
  - MS Sustainable Tourism (01/08/2010)
- Doctoral
  - AuD Audiology (06/13/2008)

***ECU Degree Programs discontinued in past three years:***

- Bachelor
  - BS Marketing Education (03/20/2009)
  - BS Accounting (08/14/2009)
- Master
  - MM Music Therapy (03/20/2009)
  - MPT Physical Therapy (06/08/2007)
  - EdS Counselor Education – Intermediate Degree (03/20/2009)
  - CAS Library Science – Intermediate Degree (03/20/2009)
- Doctoral
  - N/A

## **Request for Authorization to Establish a Bachelor of Science in Bioengineering at NC A&T State University**

NC A&T State University requests authorization to establish a Bachelor of Science in Bioengineering degree (CIP 14.0501).

### **Program Description**

NCA&T, in partnership with the University of Pittsburgh and the University of Cincinnati, has been awarded a National Science Foundation (NSF) Engineering Research Center (ERC) on metallic biomaterials. Undergraduate bioengineering students will have the opportunity to work in the laboratories of faculty associated with the ERC at the three institutions. The electives and concentration areas will be developed based on the knowledge required to perform state-of-the-art research in areas such as biomaterials and biocompatibility, tissue engineering and regenerative medicine, and nanoscience and nanofabrication. The capstone senior design course will focus on one of the four areas of biodegradable materials, biofunctional surface modifications, active biosensors, and controlled release.

### **UNC Tomorrow Relevance**

This degree program addresses several recommendations in the UNC Tomorrow Final Report including 4.1 Our Global Readiness, 4.4 Our Communities and Their Economic Transformation, 4.5 Our Health, and 4.7 Our University's Outreach and Engagement.

### **Highlights from UNC-GA Data Template**

Job growth in this field will be much faster than the national average for occupations. NCSU has a BS in Biomedical Engineering degree. In the last three years, NCA&T has added one baccalaureate, one master's, and one doctoral program and has discontinued four baccalaureate and three master's programs.

### **Outcome of Consultation with Disciplinary Panel**

Faculty from ECU, NCSU, and UNC-Chapel Hill participated in the panel discussion with NCA&T and UNC-GA representatives. Topics discussed included relationship of the proposed program to related graduate programs that NCA&T is implementing, coordination with the other campuses involved with the ERC grant, and sharing courses with NCSU and UNC-Chapel Hill. Panel participants were supportive of the proposed degree.

### **Student Demand**

Over the last ten years, bioengineering has been the fastest growing discipline in engineering, and there are generally substantial enrollments in NCA&T's other

baccalaureate engineering programs. The program projects full enrollment of the program in its fourth year will be 150 students. Assuming that 70 percent of the enrollments would be students already enrolled at NCA&TSU and 30 percent would be new students coming specifically for this major, this would mean 45 new students at NCA&TSU.

### **Opportunities for Graduates of the Program**

Bioengineers are expected to have 21 percent employment growth over the decade. The aging of the population and the focus on health issues will drive demand for better medical devices and equipment designed by bioengineers. Along with the demand for more sophisticated medical equipment and procedures, an increased concern for cost-effectiveness will boost demand for bioengineers, particularly in the pharmaceutical manufacturing and related industries.

### **Resource Implications**

**Resource needs:** Over a period of several years, ten new faculty positions will be needed to support growth in the baccalaureate, master's, and doctoral programs.

**Resources allocated:** Funds for the above positions have been allocated by the University. The Engineering Research Center grant will bring direct federal funding of about \$40 million over 10 years. NCA&T has established a variety of state-of-the-art facilities including high performance computing systems, a scientific visualization laboratory, the Center for Advanced Materials and Smart Structures, and a number of other laboratories and facilities.

**Estimated cost to the State:** Based on the University funding formula, when the program reaches full enrollment, NCA&TSU would receive additional State appropriations of approximately \$835,530 if fully funded by the General Assembly.

### **Recommendation**

It is recommended that the Board of Governors approve NCA&TSU's request to establish a Bachelor of Science in Bioengineering degree (CIP 14.0501) subject to the availability of funding.

## General Information Template for Academic Program Review

### ***Degree Area and Level:***

Bachelor of Science in Bioengineering at North Carolina A&T State University (CIP 14.0501)

### ***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 Communities and Their Economic Transformation (Recommendation 4.4), Our Health (Recommendation 4.5), Our University's Outreach and Engagement (Recommendation 4.7).

### ***Role of Program in Relation to State and Regional Needs:***

According to the proposal this degree program, "responds to the need for biomedical engineering graduates. Over the last ten years, biomedical engineering has been the fastest growing discipline in engineering. Enrollment data from the American Association of Engineering Societies clearly shows that the undergraduate and graduate enrollment in biomedical engineering program in the United States has tripled in the last ten years, compared to a relatively negligible growth in cumulative enrollment in other engineering disciplines."

### ***US Labor Department Analysis:***

- *Summary* –Additional national information available: Biomedical engineers are expected to have 21 percent employment growth over the projections decade, much faster than the average for all occupations. The aging of the population and the focus on health issues will drive demand for better medical devices and equipment designed by biomedical engineers. Along with the demand for more sophisticated medical equipment and procedures, an increased concern for cost-effectiveness will boost demand for biomedical engineers, particularly in pharmaceutical manufacturing and related industries. However, because of the growing interest in this field, the number of degrees granted in biomedical engineering has increased greatly. Biomedical engineers, particularly those with only a bachelor's degree, may face competition for jobs. Unlike many other engineering specialties, a graduate degree is recommended or required for many entry-level jobs. [http://www.occsupplydemand.org/OSD\\_Main.aspx?ST=NC](http://www.occsupplydemand.org/OSD_Main.aspx?ST=NC)

### ***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
NCSU	Biomedical/Medical Engineering	BS	100	126	117	128	102	118	90

Number of Degrees Awarded			Academic Year		
			2005-2006	2006-2007	2007-2008
NCSU	Biomedical/Medical Engineering	BS	36	44	44

- *Private universities* – Source: Occupational Supply Demand System

Number of Degrees Awarded	Academic Year		
	2005-2006	2006-2007	2007-2008
Duke University	114	118	110

**Available in Online or Distance Format from UNC institutions:**

Not Available.

**Available or not from Academic Common Market:**

North Carolina does not participate in the ACM at the undergraduate level.

**NC A&T State University Campus enrollment and degrees awarded in similar programs at the Bachelors level:**

(Based on two CIP digits – 14 CIP is the summary group for Engineering under which Biomedical Engineering is a program)

Enrollment			Academic Year						
			Fall 06	Spr 07	Fall 07	Spr 08	Fall 08	Spr 09	Fall 09
NCA&T	Agricultural/Biological Engineering and Bioengineering	BS	11	9	12	17	17	22	26
	Architectural Engineering	BS	61	67	75	89	81	87	79
	Chemical Engineering	BS	26	28	37	40	44	52	52
	Civil Engineering, General	BS	24	27	45	50	51	55	54
	Computer Engineering, General	BS	18	19	28	42	40	50	51
	Electrical, Electronics and Communications Engineering	BS	122	122	114	118	134	130	122
	Engineering Physics	BS	4	5	5	3	0	0	1
	Mechanical Engineering	BS	86	88	112	118	116	116	122
	Industrial Engineering (NEW)	BS	82	80	68	71	62	61	70
	Surveying Engineering (NEW)	BS	N/A	N/A	3	8	13	16	13

Number of Degrees Awarded			Academic Year		
			2006-2007	2007-2008	2008-2009
NCA&T	Agricultural/Biological Engineering and Bioengineering	BS	4	5	4
	Architectural Engineering	BS	22	22	27
	Chemical Engineering	BS	16	10	14
	Civil Engineering, General	BS	9	9	14
	Computer Engineering, General	BS	5	3	7
	Electrical, Electronics and Communications Engineering	BS	52	23	41
	Engineering Physics	BS	0	0	2
	Mechanical Engineering	BS	30	22	39
	Industrial Engineering (NEW)	BS	21	24	23
	Surveying Engineering (NEW)	BS	N/A	2	2

**Campus Average of enrollment and degrees awarded in this degree area at the Bachelors level:**

(Based on two CIP digits – 14 CIP is the summary group for Engineering under which Biomedical Engineering is a program - over the last 3 Academic Years, Fall 2006-Fall 2009)



<b>Campus Average</b>			
	Number of Active Programs	Enrollment per Semester	Degrees Awarded per Year
ECU	1	57	21
NCA&T	10	53	15
NCSU	15	203	69
UNCA	1	12	3* in 2008-2009
UNCC	4	148	68
WCU	1	18	7
Campus Average:		82	30.5

***NCA&T Campus Degree Programs added in the past three years:***

- *Bachelor*
  - BS Atmospheric Sciences and Meteorology (11/09/2007)
- *Master*
  - MS Information Technology (09/07/2007)
- *Doctoral*
  - Ph.D. Computational Science and Engineering (01/08/2010)

***NCA&T Degree Programs discontinued in past three years:***

- *Bachelor*
  - BS Visual Arts, Art Education (03/20/2009)
  - BS Music Education (03/20/2009)
  - BS Romance Languages and Literatures, French Secondary Education (03/20/2009)
  - BS Romance Languages and Literatures, Spanish Secondary Education (03/20/2009)
- *Master*
  - MS English Education (03/20/2009)
  - MS Mathematics Education (03/20/2009)
  - MS History Education (03/20/2009)
- *Doctoral*
  - N/A

## **Request for Authorization to Establish a Bachelor of Science in Exercise Science at UNC Wilmington**

UNC Wilmington requests authorization to establish a Bachelor of Science in Exercise Science degree (CIP 31.0505).

### **Program Description**

The exercise science program is currently a concentration within the BA in Physical Education and Health, thus the transcript of students in this concentration classifies them with physical education majors who teach in K-12 grades. UNCW requests that this concentration be separated into its own major. Exercise science professionals are skilled in evaluating health behaviors, identifying risk factors, conducting fitness assessments, and detailing appropriate exercise prescriptions for a wide variety of populations ranging from healthy individuals to groups with special health conditions and needs. It is this array of knowledge, skills, actions, and locations of practice that distinguish exercise science students from the broad and generic classification of physical education.

### **UNC Tomorrow Relevance**

This degree program addresses several recommendations in the UNC Tomorrow Final Report including 4.4 Our Communities and Their Economic Transformation, 4.5 Our Health, and 4.7 Our University's Outreach and Engagement.

### **Highlights from UNC-GA Data Template**

Monthly Labor Review job projections indicate there will be a 44 percent increase in the number of job openings in the exercise science and allied health-related fields during the decade ending in 2012. The fitness industry has been defined as the 11<sup>th</sup> fastest growing area of employment in the United States by the Monthly Labor Review. In the last three years, UNCW has established two baccalaureate, four master's, and one doctoral program, and has discontinued five baccalaureate and two master's programs.

### **Outcome of Consultation with Disciplinary Panel**

Faculty from ECU and UNC-Chapel Hill participated in the panel discussion with UNCW and UNC-GA representatives. Topics discussed included electives for the major; distinguishing the degree from other areas such as athletic training and recreation therapy; faculty needs; and location of the major in the academic organization. Panel participants were supportive of the proposed degree.

### **Student Demand**

The exercise science concentration is a very popular focus for current UNCW students majoring in Physical Education, and a 2.5 GPA requirement has been implemented in the

concentration to keep the student numbers manageable. The program projects that full enrollment of the program in its fourth year will be 125 full-time students. Assuming that 70 percent of the enrollments would be students already enrolled at UNCW and 30 percent would be new students coming specifically for this major, this would mean 38 new students at UNCW.

### **Opportunities for Graduates of the Program**

Typical work environments include, but are not limited to, commercial fitness centers, government and law enforcement academies, corporate fitness and wellness programs, hospitals and clinics dealing with rehabilitation, senior citizen centers, and university athletics and health centers.

### **Resource Implications**

**Resource needs:** All program classes are in place, and sufficient classroom, gymnasium, and natatorium spaces have been allocated

**Resources allocated:** Four full-time faculty members are in place.

**Estimated cost to the State:** Based on the University funding formula, when the program reaches full enrollment, UNCW would receive additional State appropriations of approximately \$291,359 if fully funded by the General Assembly.

### **Recommendation**

It is recommended that the Board of Governors approve UNCW's request to establish a Bachelor of Science in Exercise Science degree (CIP 31.0505) subject to the availability of funding.

## General Information Template for Academic Program Review

### ***Degree Area and Level:***

B.S. in Exercise Science (CIP 31.0505) at UNC Wilmington

### ***Addressing UNC Tomorrow:***

This degree program addresses all of the major findings in the UNC Tomorrow Report under Recommendation 4.5 Our Health.

### ***Role of Program in Relation to State and Regional Needs:***

According to the proposal, “The need for the exercise science degree is evident, not only by student interest and growth, but also by employment projections drawn from the Monthly Labor Review (November, 2007) indicating that there will be an increase in the number of job openings within the exercise science and allied health-related fields from 485,000 in 2002 to 628,000 in 2012, representing a 44% increase. In addition, the fitness industry has been defined as the 11<sup>th</sup> fastest growing area of employment in the United State for 2002 through 2012 (Month Labor Review, 2004).

### ***US Labor Department Analysis:***

- *Summary* – No narrative or data provided for this cluster.

### ***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	Exercise Science	BS	112	113	125	141	172	207	253
ECU	Exercise and Sport Science	BA	19	16	10	13	8	6	7
UNCC	Exercise Science	BS	124	79	170	193	189	221	221
UNC-CH	Exercise and Sport Science	BA	413	389	404	369	407	380	445
UNCG	Exercise and Sport Science	BS	213	242	256	266	242	275	264
UNCP	Exercise and Sport Science	BS	66	79	58	77	81	100	95
WSSU	Exercise Science	BS	77	90	86	101	103	109	116

Number of Degrees Awarded			Academic Year		
			2006-2007	2007-2008	2008-2009
ASU	Exercise Science	BS	44	37	43
ECU	Exercise and Sport Science	BA	9	13	6
UNCC	Exercise Science	BS	30	30	52
UNC-CH	Exercise and Sport Science	BA	172	171	187
UNCG	Exercise and Sport Science	BS	74	84	101
UNCP	Exercise and Sport Science	BS	38	32	47
WSSU	Exercise Science	BS	23	29	32

- *Private universities* – Source: Occupational Supply Demand System

Number of Degrees Awarded		Academic Year		
		2005-2006	2006-2007	2007-2008
Brevard College	Exercise Science	5	8	6
Campbell University	Exercise Science	0	9	5
Guilford College	Exercise and Sports Science	3	2	7
High Point University	Exercise Science	14	9	18
Lenoir-Rhyne University	Health and Exercise Science	11	0	0
Meredith College	Exercise and Sports Science	5	2	2
Methodist University	Exercise Science	0	0	3
North Carolina Wesleyan College	Exercise Science	7	8	13
Pfeiffer University	Exercise Science	7	7	7
Wake Forest University	Health and Exercise Science	55	52	54

***Available in Online or Distance Format from UNC institutions:***

Not available.

***Available or not from Academic Common Market:***

North Carolina does not participate in the ACM at the undergraduate level.

***UNCW Campus enrollment and degrees awarded in similar programs at the Bachelors level:***

*(Based on two CIP digits – 31 CIP is the summary group for Parks, Recreation, Leisure and Fitness Studies under which Exercise Science is a program)*

Enrollment			Academic Year						
			Fall 06	Spr 07	Fall 07	Spr 08	Fall 08	Spr 09	Fall 09
UNC-W	Parks, Recreation and Leisure Facilities Management	BA	56	63	65	77	78	77	90
	Health and Physical Education, General	BA	43	65	51	66	52	61	49

Number of Degrees Awarded			Academic Year		
			2006- 2007	2007- 2008	2008- 2009
UNC-W	Parks, Recreation and Leisure Facilities Management	BA	25	31	37
	Health and Physical Education, General	BA	60	73	48

***Campus Average of enrollment and degrees awarded in this degree area at the Bachelors level:***  
*(Based on two CIP digits – 31 CIP is the summary group for Parks, Recreation, Leisure and Fitness Studies under which Exercise Science is a program - over the last 3 Academic Years, Fall 2006-Fall 2009)*

<b>Campus Average</b>			
	Number of Active Programs	Enrollment per Semester	Degrees Awarded per Year
ASU	2	148	51
ECU	2	117	58
NCA&T	3	53	14
NCCU	2	69	15
NCSU	2	178	82
UNCC	1	171	37
UNC-CH	2	201	89
UNCG	2	170	61
UNCP	2	50	23
UNCW	2	64	46
WCU	2	50	26
WSSU	3	49	22
Campus Average:		110	44

***UNC Wilmington Campus Degree Programs added in the past three years:***

- *Bachelor*
  - BS Community Health Education (06/13/2008)
  - BS Oceanography (02/12/2010)
- *Master*
  - MA Environmental Studies (01/11/2008)
  - MA Spanish (01/11/2008)
  - MS Applied Gerontology (06/08/07)
  - MA Criminology and Public Sociology (03/16/2007)
- *Doctoral*
  - EdD Educational Leadership and Administration (05/11/2007)

***UNC Wilmington Degree Programs discontinued in past three years:***

- *Bachelor*
  - BA Special Education, Cross-Categorical (03/20/2009)
  - BA Special Education, Behaviorally/Emotionally Handicapped (03/20/2009)
  - BA Special Education, Mental Retardation (03/20/2009)
  - BA Special Education, Learning Disabilities (03/20/2009)
  - BA History, Teacher Licensure (03/20/2009)
- *Master*
  - MA Mathematics (03/20/2009)
  - MEd Special Education (02/12/2010)
- *Doctoral*
  - N/A