

Request for Authorization to Establish a Bachelor of Science in Neurodiagnostics and Sleep Science at UNC Charlotte

The University of North Carolina at Charlotte requests authorization to establish a B.S. in Neurodiagnostics and Sleep Science degree program (CIP 51.0999).

Program Description

The Department of Kinesiology at UNC Charlotte, in collaboration with the Departments of Allied Health Sciences and Neurology in the School of Medicine at UNC Chapel Hill, requests permission to establish a post-professional baccalaureate degree program in neurodiagnostics and sleep science (NDSS). Neurodiagnostic and sleep science procedures record and study the electrical activity of the brain, spinal cord, and peripheral nerves, the function of the cardiovascular system, and the function of the respiratory system. Potential students for this program are Sleep Technologists and Electroneurodiagnostic Technologists holding an associate's degree who are already registered and practicing, but who want to pursue a BS degree to expand their professional knowledge and expand opportunities for career advancement. A written collaborative agreement, signed by the two institutions, stipulates that UNC Charlotte will provide the academic home for the program as well as faculty instructors, and that UNC Chapel Hill will provide facilities, faculty, and specialized NDSS course content offered via distance education. All coursework for the program will be offered online, with required laboratory practicum experiences completed by students at UNC-CH facilities or at local hospitals and sleep clinics. There is a required internship at the end of the two-year curriculum.

Relevance to Institutional Mission and Strategic Plan

The proposed baccalaureate program is consistent with UNC Charlotte's mission to offer "exemplary undergraduate programs," and the UNCC College of Health and Human Services mission to offer "professionally recognized and accessible undergraduate programs that are nationally and globally relevant, and responsive to changing health care... needs in the state and region."

Highlights from UNC-GA Data Template

No other public or private college or university in North Carolina offers a similar degree. In the past three years, UNC Charlotte has established one doctorate, five masters, and two baccalaureate programs, and has discontinued six masters and nine baccalaureate programs.

Outcome of Consultation with Disciplinary Panels

The panel included two faculty members from ECU, one faculty member from UNCG, and one faculty member from UNCP, in addition to the UNCC and UNC-CH presenters. Panel members discussed the curriculum and some of the coursework in the proposed program, and agreed on the need and demand for the program. Overall discussion was positive, with consensus on the desirability of offering this degree program.

Student Demand

To assess the demand for a baccalaureate degree program in NDSS, students enrolled in the five community college programs in NC with a concentration in polysomnography and/or electroneurodiagnostic technology were surveyed. Eighty-two percent (82%) of the students surveyed (N = 39 respondents) indicated that they were interested in pursuing a BS degree in neurodiagnostics and sleep science. In addition, letters of support from the North Carolina Community College System, Council for Allied Health in North Carolina, UNC Chapel Hill School of Medicine Department of Neurology, North Carolina Association of Sleep Technologists, and the American Society of Electroneurodiagnostic Technologists attest to the interest in and need for this program in North Carolina. UNC Charlotte projects full enrollment of the program in its fourth year will be sixty part-time students.

Opportunities for Graduates of the Program

According to the proposal, the number of patients seen for diagnosis and therapy for sleep-related disorders in North Carolina has increased significantly over the past 20 years, with the largest increase occurring in the past five years. Hospitals are actively investing in sleep clinics to help meet the patient need. The October 24, 2012 issue of the Triangle Business Journal states “Helping people sleep well is becoming a big business, and Duke Raleigh Hospital is expanding... to double the size of its center. Sleep facilities such as Duke Raleigh Hospital number more than 3,300 and sleep lab revenue nationally is expected to increase in 2012 to \$5.8 billion from the current \$4.5 billion [note: an increase of almost 29%].” Accredited sleep centers must employ qualified staff, which is a major issue the proposed program is addressing.

Resource Implications

Resource needs: No new facilities, library resources, equipment, or information technology services are needed to implement the proposed degree program. UNCC states the campus is prepared to implement and support the program from existing resources.

Resources allocated: The Department of Kinesiology within the College of Health and Human Services will administer the proposed program. An additional 0.5 FTE faculty position will be reallocated from campus resources to teach in the NDSS program. Existing courses in Nursing and Respiratory Care will be utilized, and new courses will be developed in-load by the faculty teaching in the program.

Funding Formula Calculation: After four years when the program reaches full projected enrollment, based upon the current enrollment change funding formula, UNCC would receive additional funding of approximately \$317,000 if fully funded by the General Assembly.

Recommendation

It is recommended that the Board of Governors approve UNC Charlotte’s request to establish a B.S. in Neurodiagnostics and Sleep Science degree program (CIP 51.0999).

General Information Template for Academic Program Review

Degree Area and Level:

B.S. Neurodiagnostics and Sleep Science at UNC Charlotte (CIP 51.0999). This degree program is in collaboration with UNC-Chapel Hill.

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), Our Health (Recommendation 4.5), and Our University's Outreach and Engagement (Recommendation 4.7).

Role of Program in Relation to State and Regional Needs:

According to the proposal, "Sleep disorders affect approximately one-third of the North Carolina population, or almost 3 million people. These disorders are directly associated with decreased cognitive function, depression, weight gain, and irritability; and often result in death due to heart disease, diabetes, and accidents associated with these primary effects. Hospitals are eagerly investing in sleep clinics to help meet the patient need. The October 24th issue of the Triangle Business Journal states "Helping people sleep well is becoming a big business, and Duke Raleigh Hospital is expanding...to double the size of its center...". Sleep facilities such as Duke Raleigh Hospitals number more than 3,300 and sleep lab revenue nationally is expected to increase by 2012 to \$5.8 billion from the current \$4.5 billion according to Market data Enterprises. The National Sleep Foundation published an article stating "Market data also expects mainstream publicity regarding the importance of sleep to continue, along with heavy advertising for sleep drugs. Market data predicts the number of sleep labs will grow by 6 percent over the next four years". North Carolina alone has more than 20 sleep centers accredited by the American Academy of Sleep Medicine, and this number is continuing to rise. Accredited sleep centers must employ qualified staff, which is a major issue the proposed program will positively affect."

US Labor Department Analysis:

- *Summary* – No narrative applicable to this degree program.

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

- *Public universities* – N/A
- *Private universities* – N/A

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

(Based on two CIP digits – 51 CIP is the summary group for Health Professions and Related Programs under which Neurodiagnostics and Sleep Science is listed as a program.)

Upper Division Enrollment			Academic Year						
			Fall 08	Spr 09	Fall 09	Spr 10	Fall 10	Spr 11	Fall 11
UNCC	Respiratory Care Therapy/Therapist	BSRT	37	32	61	56	61	59	74
	Athletic Training/Trainer	BS	35	31	27	24	24	23	28
	Clinical Laboratory Science/Medical Technology/Technologist	BA	3	2	3	1	1	1	0
	Public Health Education and Promotion	BSPH	69	88	111	125	140	171	183
	Registered Nursing/Registered Nurse	BSN	296	303	287	287	269	310	314

Number of Degrees Awarded			Academic Year		
			2008-2009	2009-2010	2010-2011
UNCC	Respiratory Care Therapy/Therapist	BSRT	2	19	19
	Athletic Training/Trainer	BS	18	15	6
	Clinical Laboratory Science/Medical Technology/Technologist	BA	0	0	0
	Public Health Education and Promotion	BSPH	19	30	31
	Registered Nursing/Registered Nurse	BSN	194	205	183

Campus Average of upper division enrollment and degrees awarded per degree program in this area at the Bachelors level over the last 3 Academic Years, Fall 2008-Fall 2011:

(Based on two CIP digits – 51 CIP is the summary group for Health Professions and Related Programs under which Neurodiagnostics and Sleep Science is listed as a program.)

Campus Average			
	Number of Active Programs	Upper Division Enrollment per Semester	Degrees Awarded per Year
ASU	8	50	20
ECU	12	108	51
FSU	1	86	28
NCA&T	2	83	29
NCCU	3	65	28
UNCA	1	91	37
UNC-CH	7	106	55
UNCC	5	175	49
UNCP	3	48	22
UNCW	5	81	34
WCU	8	72	29
WSSU	5	163	112
Campus Average:		94	41

UNC Charlotte Degree Programs added in the past three years:

- Bachelor
 - BA Japanese Studies (04/09/2010)
 - BA Special Education, General Curriculum (03/20/2009)
- Master
 - MS Real Estate (11/11/2011)
 - PSM Health Informatics (09/09/2011)
 - MA Anthropology (08/13/2010)
 - MS Construction and Facilities Management (06/11/2010)
 - Master Fire Protection and Administration (06/11/2010)
- Doctoral
 - PhD Bioinformatics and Computational Biology (01/14/2011)

UNC Charlotte Degree Programs discontinued in past three years:

- *Bachelor*
 - BA English, Secondary Education (02/11/2011)
 - BA Math, Secondary Education (02/11/2011)
 - BS Math, Secondary Education (02/11/2011)
 - BA Chemistry, Teacher Licensure (02/11/2011)
 - BA French, K-12 (02/11/2011)
 - BA German, K-12 (02/11/2011)
 - BA History Education (02/11/2011)
 - BA Spanish, K-12 (02/11/2011)
 - BA Special Education, Mental Handicaps (03/20/2009)
- *Master*
 - MEd Special Education, Cross-Categorical Disabilities (03/20/2009)
 - MEd Special Education, Behavioral-Emotional Handicaps (03/20/2009)
 - MEd Special Education, Mental Handicaps (03/20/2009)
 - MEd Special Education, Learning Disabilities (03/20/2009)
 - MEd Special Education, Severe and Profound Handicaps (03/20/2009)
 - MA Art Administration (03/20/2009)
- *Doctoral*
 - N/A

Request for Authorization to Establish a Bachelor of Science in Fashion and Textile Design at North Carolina State University

North Carolina State University requests authorization to establish a B.S. in Fashion and Textile Design degree program (CIP 14.2801).

Program Description

At NCSU, instruction in fashion and textile design has been occurring within two programs: a Textile Design concentration in the B.S. in Textile Technology program, and a Fashion Development and Product Management concentration in the B.S. in Fashion and Textile Management program. NC State University is now requesting authorization to establish a separate B.S. in Fashion and Textile Design degree program, which will have two concentrations: Textile Design, and Fashion Design. As part of this proposal, the current Textile Design concentration in the B.S. in Textile Technology program will be eliminated, and enrollment in the current Fashion Development and Product Management concentration in the B.S. in Fashion and Textile Management program will be reduced via enrollment management measures. These changes will allow the new B.S. in Fashion and Textile Design degree program to offer students a modern interdisciplinary fashion and textile education that combines “art and science” in the discussion of the newest textile fibers and processes, with no total increase in enrollment at NCSU. This proposed Fashion and Textile Design baccalaureate program will be the only one of its kind in the United States.

Relevance to Institutional Mission and Strategic Plan

North Carolina State University has the only College of Textiles in the state and the largest College of Textiles in the United States. This program advances NCSU’s institutional mission to provide innovative and state-of-the-art educational programs that support its land grant mission for the 21st century.

Highlights from UNC-GA Data Template

No other public or private college or university in North Carolina offers a bachelor’s degree in Fashion and Textile Design. In the past three years, NC State University has established nine masters and two baccalaureate programs, and has discontinued eighteen masters and one baccalaureate program.

Outcome of Consultation with Disciplinary Panels

The panel included one faculty member from ASU and one from ECU, in addition to the NCSU presenters. Panel members discussed the structure of the curriculum and some of the coursework in the proposed program. Overall discussion was positive, with consensus on the desirability of offering this degree program.

Student Demand

As stated earlier, the proposed program is not intended to increase the enrollment at NCSU, but rather to draw students from existing programs to this new program. The existing Textile Design concentration in the B.S. in Textile Technology program typically admits 20 students per year, while historically the Fashion Development and Product Management concentration in the B.S. in Fashion and Textile Management program enrolls some 50 students per year. Because the proposed B.S. in Fashion and Textile Design program plan is to have 32 students admitted each year (16 Fashion Design, 16 Textile Design), it may be seen that current student demand already exceeds planned enrollment levels in the new degree program. NCSU projects full enrollment of the program in its fourth year will be 64 upper division students.

Opportunities for Graduates of the Program

The College of Textiles is successful in placing graduates in first-tier industry positions with companies such as Ralph Lauren, Patagonia, Abercrombie and Fitch, Kohl's, Belk's, Macy's, Cotton Incorporated, and others. This fact, in addition to the 57% enrollment increase experienced by the College since 2004 (with the Fashion and Textile Management program accounting for the majority of that growth) demonstrates the societal need and employment opportunities for graduates of fashion and textile design and management programs.

Resource Implications

Resource needs: No new facilities, library resources, equipment, or information technology services are needed to implement the proposed degree program. NCSU states the campus is prepared to implement and support the program from existing resources.

Resources allocated: The Department of Textile and Apparel Technology within the College of Textiles will administer the proposed program. Two faculty positions have been reallocated from campus resources to support the proposed program, and new courses for the program have already been developed in-load by faculty teaching in the program.

Funding Formula Calculation: As discussed in the Program Description section above, because NCSU is eliminating/modifying two existing degree program concentrations as part of this proposal, the proposed program will be implemented with no total enrollment increase at NCSU, and therefore no enrollment change funding expense to the state.

Recommendation

It is recommended that the Board of Governors approve North Carolina State University's request to establish a B.S. in Fashion and Textile Design degree program (CIP 14.2801).

General Information Template for Academic Program Review

Degree Area and Level:

B.S. Fashion and Textile Design at North Carolina State University (CIP 14.2801)

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 Communities and Their Economic Transformation (Recommendation 4.4).

Role of Program in Relation to State and Regional Needs:

According to the proposal, "Establishing a Fashion and Textile Design program at NC State would be forward-thinking in terms of the economic advantages it promises for the State of North Carolina. According to studies of the North Carolina textile complex conducted for the North Carolina Department of Commerce, there are currently in excess of 2200+ textile complex locations in the state providing in excess of a \$39 billion dollar (wholesale sales) economic impact on the state of North Carolina. It is critical for NC State to educate future generations of fashion and textile design industry professionals who have the potential not only to work in the state, but to generate work in the state."

US Labor Department Analysis:

- *Summary* – No narrative applicable to this degree program.

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

- *Public universities* – N/A
- *Private universities* – N/A

NCSU 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 - subcategory Textile Sciences and Engineering - under which Fashion and Textile Design is listed as a program.)

Upper Division Enrollment			Academic Year						
			Fall 08	Spr 09	Fall 09	Spr 10	Fall 10	Spr 11	Fall 11
NCSU	Engineering, General	BS	170	228	15	14	7	11	7
	Aerospace, Aeronautical and Astronautical/Space Engineering	BS	197	215	196	217	197	211	176
	Agricultural Engineering	BS	66	83	104	150	170	187	165
	Bioengineering and Biomedical Engineering	BS	102	118	90	111	117	125	129
	Chemical Engineering	BS	222	255	263	308	315	355	356
	Civil Engineering, General	BS	441	459	456	441	427	384	371
	Computer Engineering, General	BS	204	209	217	274	291	258	263
	Electrical and Electronics Engineering	BS	307	301	295	274	270	310	321
	Environmental/Environmental Health Engineering	BS	43	52	60	61	63	66	62
	Materials Engineering	BS	42	46	38	42	43	48	56
	Mechanical Engineering	BS	580	609	573	550	566	579	617
	Nuclear Engineering	BS	78	81	83	87	96	119	113
	Textile Sciences and Engineering	BS	440	467	483	488	484	480	474
	Construction Engineering	BS	115	105	93	85	75	70	55
	Industrial Engineering	BS	100	103	109	115	121	123	112

Number of Degrees Awarded			Academic Year		
			2008-2009	2009-2010	2010-2011
NCSU	Engineering, General	BS	6	10	8
	Aerospace, Aeronautical and Astronautical/Space Engineering	BS	61	60	60
	Agricultural Engineering	BS	19	28	40
	Bioengineering and Biomedical Engineering	BS	44	40	44
	Chemical Engineering	BS	78	91	101
	Civil Engineering, General	BS	131	172	174
	Computer Engineering, General	BS	95	80	87
	Electrical and Electronics Engineering	BS	146	130	149
	Environmental/Environmental Health Engineering	BS	8	18	20
	Materials Engineering	BS	16	10	18
	Mechanical Engineering	BS	183	208	183
	Nuclear Engineering	BS	24	19	21
	Textile Sciences and Engineering	BS	155	191	202
	Construction Engineering	BS	45	33	39
	Industrial Engineering	BS	41	36	48

Campus Average of upper division enrollment and degrees awarded per degree program in this area at the Bachelors level over the last 3 Academic Years, Fall 2008-Fall 2011:

(Based on two CIP digits – 14 CIP is the summary group for Engineering - subcategory Textile Sciences and Engineering - under which Fashion and Textile Design is listed as a program.)

Campus Average			
	Number of Active Programs	Upper Division Enrollment per Semester	Degrees Awarded per Year
ECU	1	102	23
NCA&T	11	57	19
NCSU	15	215	75
UNCA	1	17	5
UNCC	5	172	50
WCU	1	21	7
Campus Average:		97	30

NCSU Degree Programs added in the past three years:

- Bachelor
 - BS Soil and Land Development (04/09/2010)
 - BS Genetics (11/13/2009)
- Master
 - Master of Climate Change and Society (10/07/2011)
 - MS Electric Power Systems Engineering (10/07/2011)
 - Master of Biomanufacturing (09/09/2011)
 - MS Biomanufacturing (09/09/2011)
 - MA Foreign Language and Literature (02/11/2011)
 - Master of Environmental Engineering (04/09/2010)
 - MS Environmental Engineering (04/09/2010)

- Master Geospatial Information Science and Technology (02/12/2010)
- Master of Environmental Assessment (02/12/2010)
- *Doctoral*
 - N/A

NCSU Degree Programs discontinued in past three years:

- *Bachelor*
 - BS Health Occupations Education (03/20/2009)
- *Master*
 - MEd Middle Grades (02/11/2011)
 - MS Middle Grades (02/11/2011)
 - MEd Curriculum and Instruction, English Education (02/11/2011)
 - MS Curriculum and Instruction, English Education (02/11/2011)
 - MEd Curriculum and Instruction, Reading (02/11/2011)
 - MS Curriculum and Instruction, Reading (02/11/2011)
 - MEd Curriculum and Instruction, Social Studies Education (02/11/2011)
 - MS Curriculum and Instruction, Social Studies Education (02/11/2011)
 - MA French Language and Literature (02/11/2011)
 - MA Spanish Language and Literature (02/11/2011)
 - Master Chemistry (08/13/2010)
 - 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)
- *Doctoral*
 - N/A

Request by the University of North Carolina at Chapel Hill for Authorization to Establish a Joint Degree Program in Biology (B.S.) with the National University of Singapore

The University of North Carolina at Chapel Hill requests authorization to establish a joint Bachelor of Science in Biology degree program (CIP code 26.0101) with the National University of Singapore (NUS) effective July 2013. Since UNC-CH currently has Board-approved degree programs at the baccalaureate level in Biology (Bachelor of Arts and Bachelor of Science) as well as five existing joint degree programs with NUS, this is just a request for approval of an additional joint degree program.

Program Description

This would be the sixth degree jointly offered with National University of Singapore, following Economics, English, Geography, History, and Political Science, all Bachelor of Arts programs that began in 2006, and the first Bachelor of Science. In all the degree programs, undergraduate students have access to the full academic resources of the two institutions. The faculties of the two schools have worked together on the curriculum and program requirements within the context of the Memorandum of Understanding on academic cooperation signed by the Chancellor of UNC-Chapel Hill and the President of the National University of Singapore. The joint degree is designed to be completed in four years, to be taught in Singapore and at UNC-Chapel Hill. It combines the strengths of the undergraduate curricula at both universities and integrates an overseas experience into the undergraduate studies. Students would spend a minimum of two semesters and a maximum of three at the other institution. The requirements for the joint degree map exactly to the existing Bachelor of Science in Biology at UNC-Chapel Hill and extend the general education requirement for NUS students.

Relevance to Institutional Mission and Strategic Plan

The 2011 Academic Plan: *Reach Carolina* lays out a 10 year vision plan around six interlocking themes for the UNC-Chapel Hill campus community. The sixth, to “Extend Carolina's global presence, teaching, research, and public service” extends the strategic planning intended to strengthen Carolina’s role in global education and engagement that were formulated into the Strategic Roadmap for Globalizing UNC-Chapel Hill which in turn led to the Global Research Institute and a strong UNC Global program (see <http://global.unc.edu>).

This particular joint degree provides an important opportunity for students majoring in the sciences (the rich plant diversity in Southeast Asia is expected to be especially interesting to students interested in plant biology) and is intended to:

- a. Mutually benefit the two universities based on their complimentary nature. This is in terms of geography, as well as the differences in the undergraduate program structure whereby UNC-Chapel Hill offers a more extensive and structured General Education program than NUS while NUS has a more intensive set of major requirements.
- b. Create an undergraduate program with an integral study abroad component; hence developing students with a global perspective.
- c. Offer undergraduates the opportunities of certification and training by both universities; hence providing them a competitive edge in the future.

- d. Explore the possibility of collaborative teaching between the two universities which may further lead to joint efforts in terms of research.

Diploma

As required by UNC Board Policy, the successful graduates of the program will be awarded a diploma carrying the names of both institutions.

Resource Implications

No new resources or facilities will be needed for this additional joint degree program.

Recommendation

It is recommended that the Board of Governors approve this request from the University of North Carolina at Chapel Hill to establish a joint Bachelor of Science in Biology degree program with the National University of Singapore (CIP code 26.0101) effective July 2013.

Request for Authorization to Establish a Master of Arts in Conflict Management and Resolution at UNC Wilmington

UNC Wilmington requests authorization to establish a Master of Arts in Conflict Management and Resolution degree program (CIP 30.0501).

Program Description

Astute conflict management skills are central to successful relationships in any context, from business and industry to governmental affairs to family conflicts. The proposed Master of Arts in Conflict Management and Resolution program is designed to equip students with skills in conflict resolution from various orientations, whether theoretical, practical, ethical or professional. While these skills are applicable in a variety of contexts, this program is being developed in response to a specific need and request of military and special forces installations in North Carolina. As such, specialty courses are being developed to serve targeted needs of the military and defense communities and will be delivered via a hybrid approach that includes intensive instructional blocks followed by self-paced but guided distance education.

It is expected that students entering the MA in Conflict Management and Resolution will have completed an undergraduate major in areas such as political science, international relations, sociology, criminology, communications, social work, psychology, military science, or other areas. The program is also expected to attract professionals for whom this degree would enhance their current position or career path. All MA students will complete four core courses in conflict management theory, mediation and conflict resolution practicum, decision making and negotiation, and intercultural dispute resolution. Students will select the remainder of courses from one of two concentrations: 1) national and international security or 2) domestic, social and organizational conflict transformation. The program requires 36 graduate semester credit hours to complete, including a capstone course in the area of concentration.

Relevance to Institutional Mission and Strategic Plan

The proposed program is consistent with UNCW's Strategic Vision which states that the institution will promote and engage in high-quality scholarship and in master-focused graduate education. The program addresses Strategic Goal #4, which commits UNCW to create an educational environment that prepares students to be global citizens who can 1) demonstrate knowledge of the complexity and interconnectedness of environmental, socio-cultural and geopolitical issues; 2) communicate effectively within and among diverse cultural groups; and 3) respect cultural differences and embrace common humanity.

Highlights from UNC-GA Data Template

UNC Greensboro offers an M.A. in Conflict and Peace Studies, awarding 25 degrees in 2010-11 and enrolling 50 students in Fall 2011. No other public or private institution in North Carolina offers a similar program. In the past three years, UNC Wilmington has established four masters and five baccalaureate programs and has discontinued two masters and five baccalaureate programs.

Outcome of Consultation with Disciplinary Panels

The panel included two faculty and one staff representative from UNCG, three faculty from ECU, and one from FSU, in addition to the UNCW faculty presenters. UNCW presenters provided supplementary details on core courses, concentrations, and plans for the development of new courses. Panelists were consistently complimentary of the curriculum, the hybrid delivery approach, and the intent to meet established military needs and demand. Panelists suggested that UNCW could clarify how participation in this program would help professionals achieve state or national level credentials, such as mediation licenses. Many expressed interest in future collaboration with the program; there is precedence in the current UNCW certificate program to cooperate with other institutions in course identification and delivery. There was consensus favoring the offering of this degree program.

Student Demand

As discussed above, this Master of Arts program is being pursued to meet a need identified by the military community in North Carolina. Two years ago, when developing its Certificate in Conflict Management Resolution, UNCW surveyed students in Psychology, Political Science, Public and International Affairs, and Social Work, among other relevant programs. Of those responding, 71% indicated their career interests would be furthered by a graduate certificate in conflict management. Current students in the graduate certificate program at UNCW express interest in applying to the Master of Arts program upon availability. UNC Wilmington projects full enrollment of the program in its fourth year will be 20 full-time and 25 part-time students.

Opportunities for Graduates of the Program

UNCW notes that a unique focus of this program is to serve military and Special Forces needs in stability operations and reconstruction efforts. Additionally, the program will enhance skills in promoting cooperative relationships that are valuable in many professions, including but not limited to law, politics, public bureaucracies, social work, clinical psychology, and human resources.

Resource Implications

Resource needs: No new facilities, equipment, library resources, or information technology services are needed to implement the proposed degree program. No new faculty positions are needed in the first year, but as enrollments increase, a new faculty member could be needed as soon as the second year of the program offering.

Resources allocated: The UNCW Department of Public and International Affairs will administer the proposed program. UNCW has committed to supporting and sustaining this program through reallocation of existing resources in the event that enrollment growth funding is not available.

Funding Formula Calculation: After four years when the program reaches full projected enrollment, based upon the current enrollment change funding formula, UNCW would receive additional funding of approximately \$522,000 if fully funded by the General Assembly.

Recommendation

It is recommended that the Board of Governors approve UNC Wilmington's request to establish a Master of Arts in Conflict Management and Resolution degree program (CIP 30.0501).

General Information Template for Academic Program Review

Degree Area and Level:

M.A. Conflict Management and Resolution at UNCW (CIP 30.0501)

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 Citizens and Their Future: Access to Higher Education (Recommendation 4.2), Our Communities and Their Economic Transformation (Recommendation 4.4), and Our University's Outreach and Engagement (Recommendation 4.7).

Role of Program in Relation to State and Regional Needs:

According to the UNCW proposal, "We live in a time of unparalleled conflict at the local, national, and international levels – racial and ethnic conflict, economic conflict, interpersonal conflict, political conflict, class conflict, identity conflict, among others. In almost every organization, institution, career area or personal or professional relationship, conflict management skills are increasingly sought after. All societies have the need for promoting cooperative relationships, improving security and ensuring efficiency and effectiveness at all levels of industry and governance. Hence, manpower needs are evident within and outside of North Carolina. Our unique focus on the military brings security needs to the forefront as Special Forces engage more and more in stability operations and reconstruction efforts. Promoting cooperative relationships is a crucial dimension of those efforts as it is in every industry, agency and discipline. Decision making, problem solving, and intercultural dispute resolution among other skills, are in and of themselves valuable but clearly enrich almost all professions or positions in industry, governmental and non-governmental organizations."

US Labor Department Analysis:

- *Summary Data* – Not available.

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

- *Public universities* – UNC Greensboro offers a similar program, M.A. Conflict and Peace Studies with CIP 44.0201.

Enrollment			Academic Year						
			Fall 08	Spr 09	Fall 09	Spr 10	Fall 10	Spr 11	Fall 11
UNCG	Conflict and Peace Studies	MA	68	25	57	57	60	54	50

Number of Degrees Awarded			Academic Year		
			2008-2009	2009-2010	2010-2011
UNCG	Conflict and Peace Studies	MA	19	19	25

- *Private universities* – N/A

UNCW 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 Conflict Management and Resolution is listed as a program.)

Enrollment			Academic Year						
			Fall 08	Spr 09	Fall 09	Spr 10	Fall 10	Spr 11	Fall 11
UNCW	Gerontology	MS	8	10	12	10	7	9	16

Number of Degrees Awarded			Academic Year		
			2008-2009	2009-2010	2010-2011
UNCW	Gerontology	MS	1	6	2

Campus Average of enrollment and degrees awarded per degree program in this area at the Masters level over the last 3 Academic Years, Fall 2008-Fall 2011:

(Based on two CIP digits – 30 CIP is the summary group for Multi/Interdisciplinary Studies under which Conflict Management and Resolution is listed as a program.)

Campus Average			
	Number of Active Programs	Enrollment per Semester	Degrees Awarded per Year
ASU	1	8	4
ECU	3	44	5
NCSU	3	31	12
UNC-CH	2	33	15
UNCC	2	45	17
UNCG	2	19	7
UNCW	1	10	3
WCU	1	N/A	N/A
Campus Average:		27	9

UNCW Campus Degree Programs added in the past three years:

- *Bachelor*
 - BS Information Technology (02/10/2012)
 - BS Exercise Science (06/11/2010)
 - BA International Studies (04/09/2010)
 - BS Oceanography (02/12/2010)
 - BS Community Health Education (06/13/2008)
- *Master*
 - MS Coastal and Ocean Policy (11/11/2011)
 - MS Clinical Research and Product Development (04/09/2010)
 - MA Environmental Studies (01/11/2008)
 - MA Spanish (01/11/2008)
- *Doctoral*
 - N/A

UNCW Campus 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*
 - MEd Special Education (02/12/2010)
 - MA Mathematics (03/20/2009)
- *Doctoral*
 - N/A

Request for Authorization to Establish a Master of Science in Health Informatics and Information Management at East Carolina University

East Carolina University (ECU) requests authorization to establish a Master of Science in Health Informatics and Information Management degree program (CIP 51.2706).

Program Description

The health care environment has been moving towards the adoption of information technologies such as Electronic Health Records (EHR) to manage health care data. The proposed Master of Science in Health Informatics and Information Management program is designed to prepare informaticians as well as information management professionals who can work proficiently with clinicians and health services administrators to develop and implement clear and effective health information strategies within organizations. The proposed program is a direct response to the American Health Information Management Association's (AHIMA) white paper, *Vision 2016: A Blueprint for Quality Education in Health Information Management*, which states the "transformation of health information management to a graduate level profession by 2016" as a key priority. Several recent studies have projected the significant and imminent need to develop more professionals with these skills for increasing numbers of health care information management positions.

It is expected that students entering the MS in Health Informatics and Information Management program will have completed an undergraduate major in health sciences, health services management, or computer and information technologies. Students in ECU's existing post-baccalaureate health informatics certificate are also likely candidates for the MS program. Students in the MS program would complete 48 hours of coursework. All MS students will complete twelve core courses (36 hours) in health services and information management, biostatistics, and management information systems. Students will select one of three concentration options for their remaining four courses (12 hours): 1) non-thesis, 2) thesis, or 3) Registered Health Information Administrator (RHIA). Students on the RHIA track will be eligible for the RHIA national certification exam. The entire program will also be made available through distance education.

Relevance to Institutional Mission and Strategic Plan

The proposed degree program addresses a specific aspect of ECU's mission and Strategic Directions: "ECU will save lives, cure diseases, and positively transform the quality of health care for the region and state." Health informatics and information management enhances the ability of health care systems to deliver quality health data and information where and when practitioners need them.

Highlights from UNC-GA Data Template

UNC Charlotte was approved to offer the Master of Science in Health Informatics degree in September 2011. No other public or private institution in North Carolina offers a similar program. In the past three years, ECU has established three masters and two baccalaureate programs and has discontinued three masters and four baccalaureate programs.

Outcome of Consultation with Disciplinary Panels

The panel included three faculty from UNC-CH, two faculty from WCU, three faculty from UNCC, two faculty from ASU, and one faculty member from WSSU, in addition to the UNCW faculty

presenters. ECU presenters emphasized the need for the program and that the MS would replace the existing Bachelor of Science degree in health information management. Panelists agreed on the high need for professionals with the skills that this program would provide; indeed, some expressed that student projections in the proposal may be conservative. Panelists did not express any concerns with the curriculum and discussed opportunities to direct students between relevant community college, bachelors, and master's opportunities in the state. There was consensus favoring the offering of this degree program.

Student Demand

Since Fall 2008, ECU has offered a post-baccalaureate certificate in health informatics, in which 41 students are currently enrolled. Since 2008, ECU has received more than 150 inquiries from prospective students interested in pursuing a graduate program in health informatics. In October 2008, an email survey was sent to the membership of NCHIMA, the state association of health information management professionals. Sixty-eight percent of respondents expressed an interest in pursuing a master's degree program if available at ECU; twenty-five percent of that group conditioned their interest in the program on being able to take courses online. ECU projects full enrollment of the program in its fourth year will be 33 full-time and 32 part-time students.

Opportunities for Graduates of the Program

The national Bureau of Labor Statistics (BLS) projects a growth rate of 16% for "Medical and Health Services Managers" through 2016. A Hersh and Wright study forecasts that approximately 50,000 informatics professionals are needed by 2016 in order to meet projected growth in the adoption of electronic health care information systems. Locally, several health care systems in close proximity to ECU are in the process of adopting electronic health record (HER) systems and have begun to express a preference for health informatics and information management professionals prepared at the graduate level.

Resource Implications

Resource needs: No new facilities, equipment, library resources, or information technology services are needed to implement the proposed degree program. As enrollments increase, a new faculty member could be needed as soon as the second year of the program offering, with a second faculty hire projected in the fourth year.

Resources allocated: The ECU Department of Health Services and Information Management will administer the proposed program. Should enrollment growth funds not be available, ECU has committed to support and sustain this program by reallocation of existing resources and enrollment management within the program.

Funding Formula Calculation: After four years when the program reaches full projected enrollment, based upon the current enrollment change funding formula, ECU would receive additional funding of approximately \$754,000 if fully funded by the General Assembly.

Recommendation

It is recommended that the Board of Governors approve ECU's request to establish a Master of Science in Health Informatics and Information Management degree program (CIP 51.2706).

General Information Template for Academic Program Review

Degree Area and Level:

M.S. Health Informatics and Information Management at East Carolina University (CIP 51.2706)

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 Health (Recommendation 4.5).

Role of Program in Relation to State and Regional Needs:

According to the proposal, “The proposed program is a response to AHIMA’s whitepaper: Vision 2016, *A Blueprint for Quality Education in Health Information Management*, which explicitly stipulates that the “transformation of health information management to a graduate level profession by 2016” is one of its key priorities. Concurrently, the health care environment has been moving toward the adoption of information technologies such as Electronic Health Records (EHR) to manage health care data. As a result, federal, state, and regional projections show a real need for additional HIIM professionals with advanced knowledge and training in the principles of health informatics and information management. The establishment of the proposed MS in HIIM at ECU is designed to help meet the needs of workforce training.”

US Labor Department Analysis:

- *Summary* – No narrative applicable to this degree program.

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

- *Public universities* – UNC Charlotte was approved to offer the PSM in Health Informatics on 09/09/2011.
- *Private universities* – N/A

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

(Based on two CIP digits – 51 CIP is the summary group for Health Professions and Related Programs under which Health Informatics and Information Management is listed as a program.)

Enrollment			Academic Year						
			Fall 08	Spr 09	Fall 09	Spr 10	Fall 10	Spr 11	Fall 11
ECU	Audiology/Audiologist and Speech-Language Pathology/Pathologist	MS	110	105	114	112	121	118	123
	Physician Assistant	MS	97	65	97	62	94	62	96
	Athletic Training/Trainer	MS	1	1	4	4	4	4	0
	Substance Abuse/Addiction Counseling	MS	28	26	16	19	19	21	41
	Marriage and Family Therapy/Counseling	MS	23	23	23	22	25	23	26
	Public Health, General	MPH	76	78	80	81	91	103	102
	Environmental Health	MSEH	20	22	28	24	29	31	33
	Occupational Health and Industrial Hygiene	MS	23	24	23	23	24	24	23
	Public Health Education and Promotion	MA	66	75	85	87	85	87	84
	Occupational Therapy/Therapist	MSOT	62	41	60	41	61	45	66
	Therapeutic Recreation/Recreational Therapy	MS	15	16	15	13	17	17	13
	Vocational Rehabilitation Counseling/Counselor	MS	39	45	49	56	47	41	7
	Registered Nursing, Nursing Administration, Nursing Research and Clinical Nursing, Other	MSN	459	443	465	466	491	488	504

Number of Degrees Awarded			Academic Year		
			2008-2009	2009-2010	2010-2011
ECU	Audiology/Audiologist and Speech-Language Pathology/Pathologist	MS	41	40	47
	Physician Assistant	MS	30	35	29
	Athletic Training/Trainer	MS	1	0	4
	Substance Abuse/Addiction Counseling	MS	31	19	27
	Marriage and Family Therapy/Counseling	MS	12	10	13
	Public Health, General	MPH	32	26	22
	Environmental Health	MSEH	6	7	4
	Occupational Health and Industrial Hygiene	MS	9	6	3
	Public Health Education and Promotion	MA	15	23	23
	Occupational Therapy/Therapist	MSOT	20	20	19
	Therapeutic Recreation/Recreational Therapy	MS	2	4	3
	Vocational Rehabilitation Counseling/Counselor	MS	33	32	35
	Registered Nursing, Nursing Administration, Nursing Research and Clinical Nursing, Other	MSN	111	110	143

Campus Average of enrollment and degrees awarded per degree program in this area at the Masters level over the last 3 Academic Years, Fall 2008-Fall 2011:

(Based on two CIP digits – 51 CIP is the summary group for Health Professions and Related Programs under which Health Informatics and Information Management is listed as a program.)

Campus Average			
	Number of Active Programs	Enrollment per Semester	Degrees Awarded per Year
ASU	4	25	13
ECU	13	81	27
NCCU	3	38	23
NCSU	1	8	4
UNC-CH	16	71	28
UNCC	4	85	26
UNCG	5	65	30
UNCW	2	34	15
WCU	4	70	25
WSSU	5	61	23
Campus Average:		54	21

ECU Degree Programs added in the past three years:

- *Bachelor*
 - BS Geographic Information Science and Technology (06/11/2010)
 - BS Applied Atmospheric Science (02/12/2010)
- *Master*
 - MS Biomedical Sciences (06/11/2010)
 - MS Security Studies (06/11/2010)
 - MS Sustainable Tourism (01/08/2010)
- *Doctoral*
 - N/A

ECU Degree Programs discontinued in past three years:

- *Bachelor*
 - BA Exercise and Sport Science (04/08/2011)
 - BA Art (02/11/2011)
 - BS Accounting (08/14/2009)
 - BS Marketing Education (03/20/2009)
- *Master*
 - MM Music Therapy (03/20/2009)
 - 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 Master of Arts in Teaching at the University of North Carolina at Greensboro

The University of North Carolina at Greensboro requests authorization to establish a Master of Arts in Teaching degree program (CIP 13.1299).

Program Description

The School of Education at the University of North Carolina at Greensboro requests permission to establish a Master of Arts in Teaching (MAT) degree. This will result in a change of the type of degree that is offered for an existing degree program track associated with their Master of Arts in Education (M.Ed.). This request represents a structural change, not substantive, in that MAT degrees are designed to prepare candidates and prospective teachers at the graduate level for an initial teaching license.

Currently, the University of North Carolina at Greensboro has a M.Ed. degree program with two established tracks: the Classroom Practice Track and the Teacher Leadership Track. The M.Ed. has proven to be a strong program with outstanding faculty and appropriate facilities; local availability of placements and market demand; and consistently high enrollment numbers. It is difficult, however, to analyze enrollment completion data for initial licensure candidates because both initial and advanced licensure exists within the same degree program. This requires manual identification within the enrollment data and each semester involves time-consuming efforts to identify the initial licensure candidates. The proposed MAT degree program will prepare students to enter the teaching field at the initial level only, alleviating the data management issue. With the establishment of the MAT degree, initial licensure candidates will be routed from the existing M.Ed program Classroom Practice Track to the MAT program. The M.Ed degree program will continue to exist and prepare candidates that are seeking an advanced teaching license.

The newly established MAT will have the same structure, content and requirements as the current M.Ed. Classroom Practice Track program, preparing candidates for initial licensure in Elementary Education; English as a Second Language; Middle Grades Language Arts, Mathematics, Science, and Social Studies; Secondary English, Mathematics, Science, and Social Studies; French, Latin and Spanish. The MAT concentrations will have the same outcome expectations, core content and extensive field experiences as the M.Ed. Classroom Practice Track concentrations, with adjustments as appropriate for the particular teaching content and grade level.

The current M.Ed. Classroom Practice Track program undergoes regular review and program improvement. The MAT will continue this self-study and revision process by monitoring candidates' successful progression through the program; students' professional knowledge, skills and dispositions during and at completion of the program; candidate, alumni and employers' satisfaction with candidates' professional performance; and enrollment and completion data.

Relevance to Institutional Mission and Strategic Plan

The MAT degree program will contribute to University of North Carolina at Greensboro's mission to be a learner-centered, accessible, and inclusive community fostering intellectual inquiry to prepare students for meaningful lives and engaged citizenship. Moreover, this request supports the University's emphasis on the value of responsibility in that the MAT helps respond to community needs. The MAT program will help to (1) attract increasing numbers of highly qualified students of all backgrounds and socioeconomic statuses (UNCG Strategic Plan 1.5); (2) develop programs to enhance leadership and professional expertise in response to the changing expectations for birth-12 education professionals (UNCG Strategic Plan 1.6); and (3) expand opportunities for graduate students to create new knowledge within their academic disciplines (UNCG Strategic Plan 3.1).

At an employment and economic level, there remains a significant need for teachers in North Carolina. As noted by the U.S. Department of Education Office of Postsecondary Education in *Teacher Shortage Areas Nationwide Listing 1990-91 through 2011-12* (March 2011), North Carolina continues to have critical needs in mathematics (grades 6-12), science (6-12) and special education even as schools have reduced staffing. It is the intention of the School of Education to continue their recruitment efforts, particularly in these high need areas. In fact, there have been a number of efforts at the campus to increase STEM (Science, Technology, Engineering, and Mathematics) offerings and recruitment, among them the National Science Foundation – GK-12 Award, National Science Foundation Noyce Scholarship Program – Project ExSEL, and the Cumulative Effective grant. As a result of these efforts, the School of Education anticipates increased enrollments in both the MAT and M.Ed. degree programs.

Resource Implications

No new resources or facilities will be needed to offer this program.

Recommendation

It is recommended that the Board of Governors approve the University of North Carolina at Greensboro's requests permission to establish a Master of Arts in Teaching degree program (CIP 13.1299) as described above.

Request for Authorization to Establish a Master of Arts in Public Policy at the University of North Carolina at Chapel Hill

The University of North Carolina at Chapel Hill requests authorization to establish a Master of Arts in Public Policy degree program (CIP code 44.0501).

Program Description

The Department of Public Policy at the University of North Carolina at Chapel Hill requests permission to establish a non-admittance master's degree option for its existing doctoral program in Public Policy. Master's degrees are commonly offered en route as part of doctoral programs in many other disciplines nationally. There are only a handful of Ph.D. programs at UNC-Chapel Hill without an authorized master's degree option, which is believed to be solely an administrative oversight when the doctoral programs were requested and approved. The current proposal aims to correct this oversight for the Ph.D. in Public Policy program.

The proposed degree is intended to provide a master's degree option for students who have been admitted to the Ph.D. program in Public Policy. The degree would not offer courses separate from the existing doctoral curriculum and thus will not require additional courses, equipment, facilities, or faculty. The curriculum is consistent with the Public Policy doctoral program and will meet all University, Graduate School, and accreditation requirements.

An authorized master's degree is requested for two primary, limited purposes: 1) providing an option for the occasional student who has achieved a high level of knowledge and competence in their field, but for any of a number of reasons – change of career goals, health, financial, family obligations, or academic performance – is unable to complete the full requirements of the Ph.D. degree, and 2) an opportunity to reward students for their incremental achievements and to give them a greater competitive edge when entering the job market. Students who earn the master's degree for either purpose will have demonstrated scholarly competence in their field through their coursework and other academic requirements.

Relevance to Institutional Mission and Strategic Plan

Graduate study by its nature provides direct benefits to the University's mission to contribute, through its research, teaching and service, to the needs of the people of North Carolina. Faculty and graduate students are directly engaged with developing and evaluating solutions to societal problems and identifying innovative ways of improving the quality of life for the public.

Adding the proposed master's degree option also provides a stronger academic program for the students, part of UNC-CH's institutional mission and strategic planning efforts. The master's degree option will strengthen the current doctoral program by adding a well-defined milestone that will signal significant progress toward degree completion. The faculty believes the creation of a master's degree option will improve the existing doctoral program by making it more attractive to prospective students. Additionally, having the authorized master's degree option will make program graduates more competitive on the job market when looking for professional positions in their field.

Resource Implications

No new resources or facilities will be needed to offer this program.

Recommendation

It is recommended that the Board of Governors approve this request from the University of North Carolina at Chapel Hill to establish a Master of Arts in Public Policy degree program (CIP code 44.0501) as described above.

Request for Authorization to Establish a Master of Science in Management at the University of North Carolina at Chapel Hill

The University of North Carolina at Chapel Hill requests authorization to establish a Master of Science in Management degree program (CIP code 52.0201).

Program Description

The Kenan-Flagler Business School at the University of North Carolina at Chapel Hill requests permission to establish a non-admittance master's degree option for its existing doctoral program in Business Administration. Master's degrees are commonly offered en route as part of doctoral programs in many other disciplines nationally. There are only a handful of Ph.D. programs at UNC-Chapel Hill without an authorized master's degree option, which is believed to be solely an administrative oversight when the doctoral programs were requested and approved. The current proposal aims to correct this oversight for the Ph.D. in Business Administration program.

The proposed degree is intended to provide a master's degree option for students who have been admitted to the Ph.D. program in Business Administration. The degree would not offer courses separate from the existing doctoral curriculum and thus will not require additional courses, equipment, facilities, or faculty. The curriculum is consistent with the Business Administration doctoral program and will meet all University, Graduate School, and accreditation requirements.

An authorized master's degree is requested for two primary, limited purposes: 1) providing an option for the occasional student who has achieved a high level of knowledge and competence in their field, but for any of a number of reasons – change of career goals, health, financial, family obligations, or academic performance – is unable to complete the full requirements of the Ph.D. degree, and 2) an opportunity to reward students for their incremental achievements and to give them a greater competitive edge when entering the job market. Students who earn the master's degree for either purpose will have demonstrated scholarly competence in their field through their coursework and other academic requirements.

Relevance to Institutional Mission and Strategic Plan

Graduate study by its nature provides direct benefits to the University's mission to contribute, through its research, teaching and service, to the needs of the people of North Carolina. Faculty and graduate students are directly engaged with developing and evaluating solutions to societal problems and identifying innovative ways of improving the quality of life for the public.

Adding the proposed master's degree option also provides a stronger academic program for the students, part of UNC-CH's institutional mission and strategic planning efforts. The master's degree option will strengthen the current doctoral program by adding a well-defined milestone that will signal significant progress toward degree completion. The faculty believes the creation of a master's degree option will improve the existing doctoral program by making it more attractive to prospective students. Additionally, having the authorized master's degree option will make program graduates more competitive on the job market when looking for professional positions in their field.

Resource Implications

No new resources or facilities will be needed to offer this program.

Recommendation

It is recommended that the Board of Governors approve this request from the University of North Carolina at Chapel Hill to establish a Master of Science in Management degree program (CIP code 52.0201) as described above.