

UNIVERSITY OF NORTH CAROLINA WILMINGTON

UNC TOMORROW REVIEW OF NEW DEGREE PROGRAMS

Charge:

Review and identify potential new degree programs that might result from incorporating the UNC Tomorrow recommendations into campus operations.

Programs:

1. Doctoral

1.1. Doctor of Philosophy, Coastal and Marine Science

1.1.1. **Name of Degree Program:** Coastal and Marine Science

1.1.2. **CIP Category:** 40.0607

1.1.3. **Level of Program:** Doctoral

1.1.4. **Brief Description of the Program:** This will be an interdisciplinary program with UNCW, Elizabeth City State University, North Carolina State University, University of North Carolina Chapel Hill, East Carolina University, NC Land Grant, and Coastal Studies Institute. Students will benefit from faculty expertise in all the sciences at UNCW, as well as faculty in the Watson and Cameron Schools and the School of Nursing. The unique coastal environments in North Carolina will provide natural laboratories for the students in this program.

1.1.5. **Timeframe for the Program:** 2011-12

1.1.6. **Current or Planned Interaction with Other Campuses:** Students will be encouraged to spend a semester or take short courses or summer courses on the other UNC campuses that offer marine programs. Students will be encouraged to visit and conduct research at all the UNC marine labs, and to invite faculty from different campuses to serve on their research advisory committees.

1.1.7. **Mode or Modes of Delivery of the Program:** We envision a doctoral course of study that is interdisciplinary and research driven. Enrolling students will be required to take core courses in Chemical, Geological, Physical, and Biological Oceanography. Additional coursework will be determined by the advisory committee and guided by the student's research program. Additional doctoral level courses (600-level) are proposed to explore advanced topics in the 4 core areas. Courses from other UNC programs will also be used, both by exchanges and by distance learning technology.

1.1.8. **Brief Rationale for the Program:** This program will be designed to address the national ocean research priorities recently set by the NSTC Joint Subcommittee on Ocean Science and Technology with a focus on the specific environments and needs of coastal North Carolina. The coastal habitats of NC contribute disproportionately to the economy of the state, and coastal counties are among the most rapidly growing. Sustainable development of coastal resources requires sound policies based on a comprehensive understanding of the natural processes (physical, geological, chemical and biological) that shape the coast, as well as the needs of competing stakeholders. The proposed doctoral degree will train interdisciplinary scientists that will contribute the necessary expertise to guide such policy. In accordance with UNC-Tomorrow, the new PhD will target regional needs and questions of economic concern for citizens of NC. Moreover, we will use the principles set forth by the recently published National Ocean Research Priorities to guide the development of the program.

1.2. Doctor of Philosophy, Applied and Experimental Psychological Science [*currently in pipeline*]

1.2.1. **Name of Degree Program:** Applied and Experimental Psychological Science

1.2.2. **CIP Category:** 42.0101

1.2.3. **Level of Program:** Doctoral

1.2.4. **Brief Description of the Program:** The major emphasis of the program will be to provide doctoral training in areas related to **persistent cognitive and behavioral disorders**. The major goal of the program is to generate professionals who will develop and deliver evidence-based practices for severe and persistent cognitive and behavioral disorders (including addictions, dementias, autism and other developmental disabilities, and mental illness in corrections) in underserved and diverse populations in North Carolina and nationally.

1.2.5. **Timeframe for the Program:** 2009-2010

1.2.6. **Current or Planned Interaction with Other Campuses:** None

1.2.7. **Mode or Modes of Delivery of the Program:** Traditional classroom, laboratory, and practicum/internship settings

1.2.8. **Brief Rationale for the Program:** Severe and persistent cognitive and behavioral disorders, including addictions, dementias, autism and other developmental disabilities, and mental illness in corrections, are areas of major health concern in our region. In addition, a key feature of the program is to train professionals to work with the increasingly diverse population of North Carolina through Spanish language training and coursework related to cross-cultural/diversity psychology. These clinical populations are underserved in our region and thus, the proposed program represents a strong response to UNC Tomorrow issues identified by UNCW.

2. Master's

2.1. Master of Science, Biopharmaceutical Clinical Research [*currently in pipeline*]

2.1.1. **Name of Degree Program:** Biopharmaceutical Clinical Research

2.1.2. **CIP Category:** 51.9999

2.1.3. **Level of Program:** Master's

2.1.4. **Brief Description of the Program:** The Clinical Research Program proposes a Master of Science degree in Biopharmaceutical Clinical Research, with two concentrations: Clinical Research Management, and Regulatory Affairs and Compliance. The M.S. in Biopharmaceutical Clinical Research offers students the opportunity to gain advanced expertise in clinical research in human subjects beyond what is currently offered in the B.S. in Clinical Research.

2.1.5. **Timeframe for the Program:** Fall 2009

2.1.6. **Current or Planned Interaction with Other Campuses:** None

2.1.7. **Mode or Modes of Delivery of the Program:** Online and distance education

2.1.8. **Brief Rationale for the Program:** This graduate degree would not only provide Wilmington-area students with a master's degree in a worldwide, rapidly growing discipline, but it would also benefit students from across North Carolina since the M.S. in Biopharmaceutical Clinical Research Management would be the first of its kind in the state. In addition, UNCW is a uniquely positioned institution to initiate such a degree program given the growth of biopharmaceutical companies and contract research organizations in the Wilmington area.

2.1.9. As the demands for clinical research professionals increased in recent years, several biopharmaceutical companies engaged in employment of nurses in clinical research positions to meet employment demands. While a nursing background is often desired for clinical research positions, the hiring of nurses in the biopharmaceutical industry has added to the current nursing shortage in the United States. Furthermore, while employment opportunities in clinical research in biopharmaceutical companies, biotechnology companies, contract research organizations, and site management organizations, are significant for individuals with health-related educational backgrounds, these same employment opportunities are becoming increasingly difficult to obtain for individuals with non-health related degrees. It is also often difficult for individuals already established in a non-clinical position at a biopharmaceutical company to "switch over" to clinical research without a health-related degree. Lastly, individuals seeking higher education for career advancement purposes often encounter difficulty identifying degree programs that are attractive and/or conducive to working professionals, such as fully online graduate degree programs. All are directly related to UNC Tomorrow goals.

2.2. Master of Arts in Teaching, Health and Physical Education

2.2.1. **Name of Degree Program:** Health and Physical Education

2.2.2. **CIP Category:** 13.1299

2.2.3. **Level of Program:** Master's

2.2.4. **Brief Description of the Program:** The Master of Arts in Teaching (M.A.T.) program is designed as an interdisciplinary degree option within the Teacher Education Program. The M.A.T. is intended for graduates from accredited colleges or universities with an undergraduate major in humanities, sciences, or social sciences who have few, if any, formal courses in education. Upon successful completion of the M.A.T. program and state mandated examination(s), recipients will be eligible for a North Carolina "M" license.

2.2.5. The 36-39 hour M.A.T. program is available only to those individuals who have not earned licensure and who are seeking licensure in the teaching field in which they wish to earn the degree. The program includes courses in teaching pedagogy and professional education as well as concentrated study in a content-specific area, for a total of 36 hours. A 10-week (3 semester hours) internship experience in an approved public school setting is required. Although other program areas may be considered, the following undergraduate programs are determined to be most compatible with the selected graduate program of study: Physical Education: Exercise and Sports Science, Kinesiology, Physical Education, Recreation, Exercise Science, Exercise Physiology. Degrees in closely related fields may be acceptable; transcripts will be evaluated and any discipline-specific prerequisites will be specified at the time of admission to a program.

2.2.6. **Timeframe for the Program:** 2011-12

2.2.7. **Current or Planned Interaction with Other Campuses:** None

2.2.8. **Mode or Modes of Delivery of the Program:** Combination of on-campus courses and distance learning (online) courses.

2.2.9. **Brief Rationale for the Program:** The Health and Physical Education faculty at UNCW have been inundated with requests from potential students to start a Masters of Arts in Teaching degree. Graduates of the M.A.T degree would be eligible to take the PRAXIS II examination in any other subject area to add to their licensure. This would help address the teacher shortage in North Carolina, as per UNC Tomorrow.

2.3. Master of Arts, Rhetoric and Professional Writing

2.3.1. **Name of Degree Program:** Rhetoric and Professional Writing

2.3.2. **CIP Category:** 09.0101

2.3.3. **Level of Program:** Master's

2.3.4. **Brief Description of the Program:** This Master's program would help students to improve their understanding of writing and communication in a rigorous and theoretically informed program. Students would also develop skills in multimedia authoring and qualitative research. This degree could provide an important credential for professionals in our region and beyond.

2.3.5. **Timeframe for the Program:** 2011-12

2.3.6. **Current or Planned Interaction with Other Campuses:** None

2.3.7. **Mode or Modes of Delivery of the Program:** Some courses would be online to accommodate working professionals.

2.3.8. **Brief Rationale for the Program:** The program would assist in local economic transformation and community development and in making education more easily accessible by including online MA courses.

2.4. Master of Coastal and Ocean Policy [*currently in pipeline*]

2.4.1. **Name of Degree Program:** Coastal and Ocean Policy

2.4.2. **CIP Category:** 03.0205

2.4.3. **Level of Program:** Master's

2.4.4. **Brief Description of the Program:** 42 graduate credit hours; core curriculum of 24 credit hours with four classes (12 hours) focused on approaches to public policy analysis.

Students will also complete two science-oriented, 3 credit hour courses and will be required to complete a project-oriented capstone class in coastal and ocean policy.

2.4.5. **Timeframe for the Program:** Fall 2009

2.4.6. **Current or Planned Interaction with Other Campuses:** None, but will serve as feeder program for ECU's doctoral program.

2.4.7. **Mode or Modes of Delivery of the Program:** Classroom.

2.4.8. **Brief Rationale for the Program:** UNCW's Strategic Vision as articulated in Transforming Ideas into Action: A Strategic Plan 2005-2010 states that "UNCW will promote and engage in high-quality scholarship and in master's-focused graduate education" (Feb. 2005). It is further supported by the May 2005 Mission Statement that UNCW will "provide the highest quality undergraduate and graduate academic experience in an extensive array of programs at the baccalaureate and master's levels". In February 2005, the University also affirmed its goal to "celebrate and study the heritage and environment of the coastal region, and to enrich its quality of life, economy, and education" and reiterated its commitment to "ecological diversity and sound environmental stewardship".

2.5. Master of Arts, International Affairs

2.5.1. **Name of Degree Program:** International Affairs

2.5.2. **CIP Category:** 45.0901

2.5.3. **Level of Program:** Master's

2.5.4. **Brief Description of the Program:** 42 credit hours; two alternative tracks: 1) Global Political Economy and Development or 2) Security and Intelligence Studies.

2.5.5. **Timeframe for the Program:** 2012-13

2.5.6. **Current or Planned Interaction with Other Campuses:** None

2.5.7. **Mode or Modes of Delivery of the Program:** Traditional classroom

2.5.8. **Brief Rationale for the Program:** The MIA will produce students well prepared to work in:
1) government agencies such as the departments of State, Commerce, Defense as well as
2) international business and nongovernmental organizations.

2.6. Master of Science in Computer Science

2.6.1. **Name of Degree Program:** Computer Science

2.6.2. **CIP Category:** 11.0701

2.6.3. **Level of Program:** Master's

2.6.4. **Brief Description of the Program:** The Department of Computer Science in the College of Arts and Sciences intends to propose a program leading to an MS degree in Computer Science. The primary goal of the program is to provide advanced training at the graduate level in the science and practice of computing.

2.6.5. **Timeframe for the Program:** 2011-12

2.6.6. **Current or Planned Interaction with Other Campuses:** None

2.6.7. **Mode or Modes of Delivery of the Program:** Traditional

2.6.8. **Brief Rationale for the Program:** The UNC Tomorrow report projects the demand for *new* computer and technology workers to number 23,000 by 2014. This is the third highest growth profession for North Carolina.

2.7. Master of Science, Health Sciences

- 2.7.1. **Name of Degree Program:** Health Sciences
- 2.7.2. **CIP Category:** 51.0000
- 2.7.3. **Level of Program:** Master's
- 2.7.4. **Brief Description of the Program:** The Master of Science in Health Science (MHS) is offered for those interested in deepening their knowledge of a particular health discipline. The MHS degree will offer four distinct tracks: Nutrition; Health Policy and Administration, Athletic Training, and Exercise Science. All tracks will share a common core curriculum with each track offering additional required courses, practicum, field and lab experiences as indicated.
- 2.7.5. **Timeframe for the Program:** 2012-13
- 2.7.6. **Current or Planned Interaction with Other Campuses:** This program is designed to promote interdisciplinary collaboration. Each of the tracks will have the requisite flexibility to include courses from other departments and/or other universities in the UNC system in completion of their program requirements.
- 2.7.7. **Mode or Modes of Delivery of the Program:** This program is proposed as a hybrid of online and in classroom classes. In one model all of the core courses would be available online with each concentration determining the most appropriate format for the completion of the program requirements.
- 2.7.8. **Brief Rationale for the Program:** As the University of North Carolina Wilmington moves forward to create more graduate programs, particularly through the new college involving Nursing, Social Work, and Health and Applied Human Sciences, a great opportunity exists for UNCW to develop a highly desirable graduate degree to help meet the growing and diverse health needs we face. UNC Tomorrow acknowledges the growing need to address health issues and train health professionals. This program is uniquely poised to be able to nimbly respond to the needs in the changing healthcare industry. By providing a core curriculum with multiple tracks the MHS program could tailor programs with multidisciplinary, multi-site courses and train graduates to fill a wide range of health related professions.
- 2.8. Master of Arts in Film Studies & Master of Fine Arts in Filmmaking (combined program)
- 2.8.1. **Name of Degree Program:** Film Studies and Filmmaking
- 2.8.2. **CIP Category:** 50.0601 & 50.0602
- 2.8.3. **Level of Program:** Master's
- 2.8.4. **Brief Description of the Program:** The program will combine the advanced study of motion picture history, theory and criticism with the advanced study and practice of core film production disciplines (e.g. screenwriting, producing, directing, performance, cinematography, sound and editing).
- 2.8.5. **Timeframe for the Program:** Fall 2011
- 2.8.6. **Current or Planned Interaction with Other Campuses:** None
- 2.8.7. **Mode or Modes of Delivery of the Program:** Classroom instruction, research, studio and location work, teaching assistantships, internships.

- 2.8.8. **Brief Rationale for the Program:** The combined program is founded on the principle that the study of cinema and the artistic production of motion pictures complement one another, and students in the program will perform substantial work in both areas.
- 2.9. Master of Arts, Film Studies
- 2.9.1. **Name of Degree Program:** Film Studies
- 2.9.2. **CIP Category:** 50.0601
- 2.9.3. **Level of Program:** Master's
- 2.9.4. **Brief Description of the Program:** The program will offer an advanced course of study in cinema, including motion picture history, theory and criticism.
- 2.9.5. **Timeframe for the Program:** Fall 2011
- 2.9.6. **Current or Planned Interaction with Other Campuses:** None
- 2.9.7. **Mode or Modes of Delivery of the Program:** Classroom instruction, teaching assistantships, research, internships.
- 2.9.8. **Brief Rationale for the Program:** The program is consistent with UNCW's strategic vision, as articulated in *Transforming Ideas into Action: A Strategic Plan 2005-2010*, that states "The College of Arts and Sciences, the professional schools, and the graduate school seek to stimulate intellectual curiosity, imagination, critical thinking, and thoughtful expression in a broad range of disciplines and professional fields." The program would extend the university's post-baccalaureate curriculum, and compliment existing undergraduate programs such as Film Studies and International Studies.
- 2.10. Master of Fine Arts, Filmmaking
- 2.10.1. **Name of Degree Program:** Filmmaking
- 2.10.2. **CIP Category:** 50.0602
- 2.10.3. **Level of Program:** Master's
- 2.10.4. **Brief Description of the Program:** The program will prepare students for the complexity of the multifaceted filmmaking process through an intensive, highly collaborative applied learning experience that engages core production disciplines, e.g. screenwriting, producing, directing, cinematography, sound and editing.
- 2.10.5. **Timeframe for the Program:** Fall 2011
- 2.10.6. **Current or Planned Interaction with Other Campuses:** None
- 2.10.7. **Mode or Modes of Delivery of the Program:** Classroom instruction, production seminars, applied studio and location work, internships.
- 2.10.8. **Brief Rationale for the Program:** The program is consistent with UNCW's mission to provide "the highest quality undergraduate and graduate academic experience in an extensive array of programs at the baccalaureate and master's levels...". The program would extend the university's post-baccalaureate curriculum, and also complement and reinforce current undergraduate degree programs in Theatre, Music, Art, Computer Science, Creative Writing and Film Studies. Located in Wilmington, a major film production center, the program would expand upon UNCW's already collaborative relationship with the local film industry, including Screen Gems Studios, the Wilmington Regional Film Commission, the Cucalorus Film Festival, and the proposed Cinema Six sound stages.

3. Bachelor's

3.1. Bachelor of Science, Mechanical Engineering

3.1.1. **Name of Degree Program:** Mechanical Engineering

3.1.2. **CIP Category:** 15.0805

3.1.3. **Level of Program:** Bachelor's

3.1.4. **Brief Description of the Program:** This program will be an extension of the current 2+2 program in collaboration with NCSU designed to allow students to remain at UNCW to complete their NCSU BSE degree through NCSU courses taught using distance technologies in UNCW classrooms.

3.1.5. **Timeframe for the Program:** Fall 2009

3.1.6. **Current or Planned Interaction with Other Campuses:** Extension of existing 2+2 program with North Carolina State University.

3.1.7. **Mode or Modes of Delivery of the Program:** Distance

3.2. **Brief Rationale for the Program:** Wilmington-area businesses and the UNC Tomorrow public forums indicated a significant need for an engineering program at UNCW. Subsequent meetings with regional enterprises revealed the need for mechanical engineering and especially for students to graduate at UNCW in order to improve the chances of these enterprises being able to retain locally-educated engineers. General Electric, for example, continually offers that it hires one engineer per day at its Wilmington operation.

3.3. Bachelor of Arts, International Affairs

3.3.1. **Name of Degree Program:** International Affairs

3.3.2. **CIP Category:** 45.0901

3.3.3. **Level of Program:** Bachelor's

3.3.4. **Brief Description of the Program:** 39 credit hours in three tracks: 1) International Economics/Development, 2) Comparative/Regional Studies and 3) International Security. At least two years of a foreign language will be required.

3.3.5. **Timeframe for the Program:** 2012-13

3.3.6. **Current or Planned Interaction with Other Campuses:** None

3.3.7. **Mode or Modes of Delivery of the Program:** Lecture

3.3.8. **Brief Rationale for the Program:** Consistent with UNCW's commitment to global perspectives, the BIA will prepare students to work and study in a highly globalized domestic and international environment. Alongside understanding the nature of government processes, the functions of political systems, the structures and roles of institutions and constitutions, students will gain a strong background in the international political economy, international relations and foreign policy, and the overall challenges of globalization readiness and competitiveness.

3.4. Bachelor of Science, Exercise Science [*currently in pipeline*]

3.4.1. **Name of Degree Program:** Exercise Science

3.4.2. **CIP Category:** 31.0505

3.4.3. **Level of Program:** Bachelor's

3.4.4. **Brief Description of the Program:** Exercise Science specific courses that students take include: Human Anatomy and Physiology; Biomechanics; Physiology of Exercise and Sport; Motor Behavior; Measurement and Evaluation of Human Performance; Research; Sport, Physical Activity and the Law; Sport and Exercise Psychology; Exercise Prescription and Assessment in Healthy Populations; Exercise Prescription and Assessment in Special Populations; Practicum; Exercise Performance and Nutrition. Other major courses total 55 credit hours required.

3.4.5. **Timeframe for the Program:** Fall 2009

3.4.6. **Current or Planned Interaction with Other Campuses:** None

3.4.7. **Mode or Modes of Delivery of the Program:** Traditional classroom lectures, labs and practica. Traditional classroom lectures, labs and practica.

3.4.8. **Brief Rationale for the Program:** The Department of Health and Applied Human Sciences currently has the exercise science program as a concentration within the umbrella of Bachelor of Arts in Physical Education and Health, a degree title associated with teaching physical education within the realm of elementary, middle, and high schools. Exercise science professionals are skilled in evaluating health behaviors, identifying risk factors, conducting fitness assessments, and detailing appropriate exercise prescriptions for a wide array of populations ranging from apparently healthy through special populations. It is this acquisition of knowledge, skills, actions, and various venues that demarcate exercise science students from the broad and generic classification of physical education. The exercise science curriculum is and has been in existence and has been carefully designed to reflect the values to meet the strategic goals set forth by UNCW. Conversion of the exercise science concentration to a B.S. in Exercise Science will require no additional resources to UNCW beyond what has been proposed.

3.5. Bachelor of Science, Information Technology

3.6. **Name of Degree Program:** Information Technology [*currently in pipeline*]

3.6.1. **CIP Category:** 11.0103

3.6.2. **Level of Program:** Bachelor's

3.6.3. **Brief Description of the Program:** The Department of Computer Science in the College of Arts and Sciences and the Department of Information Systems and Operations Management in the Cameron School of Business will offer this multi-disciplinary program. The program will follow the guidelines of the professional societies for such programs including the Association for Computing Machinery, the Association of Information Systems, and the IEEE Computer Society. The goal of the program is to prepare students as "information technologists" and professionals who can assist general users, including individuals and organizations, in evaluating needs and solving problems related to information technology (IT), as well as in applying IT effectively in a global work environment driven by rapidly changing technology. The proposed program will consist of 56 hours of required courses and a minimum of 9 hours of electives (total 65 hours).

3.6.4. **Timeframe for the Program:** Fall 2009

3.6.5. **Current or Planned Interaction with Other Campuses:** None

- 3.6.6. **Mode or Modes of Delivery of the Program:** Residential program, although several courses will be delivered online.
- 3.6.7. **Brief Rationale for the Program:** The UNC Tomorrow report projects the demand for **new** computer and technology workers to be 23,000 by 2014. This is the third highest growth profession for North Carolina. The Bureau of Labor and Statistics (BLS) lists “information” as one of the top eight areas for future employment with jobs growing by more than 11 percent by 2014, with some areas growing as much as 67.6 percent. The BLS also states that the five fastest growing occupations are “technology” based with a projection of an addition 1.5 million jobs.
- 3.7. Bachelor of Science, Oceanography [*currently in pipeline*]
- 3.7.1. **Name of Degree Program:** Oceanography
- 3.7.2. **CIP Category:** 40.0702
- 3.7.3. **Level of Program:** Bachelor’s
- 3.7.4. **Brief Description of the Program:** An interdisciplinary program that will meet existing student demand at UNCW and eastern NC, train professionals for employment opportunities arising from national and regional scientific and management priorities, meet a societal need for improved ocean and climate literacy, and support and complement existing programs in traditional scientific disciplines at UNCW. It integrates physical, chemical, and geological oceanography into a unified program through a core of basic classes in each discipline and a wide variety of electives. The program will support UNCW’s mission as North Carolina’s coastal university, and complement existing instructional and research strengths in marine science.
- 3.7.5. **Timeframe for the Program:** Fall 2009.
- 3.7.6. **Current or Planned Interaction with Other Campuses:** Collaboration with Cape Fear Community College are being pursued.
- 3.7.7. **Mode or Modes of Delivery of the Program:** Primarily traditional: classroom, laboratory, field, shipboard instruction. Delivery of some course content online is planned.
- 3.7.8. **Brief Rationale for the Program:** UNCW has a long history of excellence in instruction and research in marine science. UNCW’s mission statement recognizes it as North Carolina’s coastal university and specifically mentions UNCW’s commitment to scholarly endeavors in marine and coastal issues. North Carolina has almost 3,400 miles of shoreline rendering it the 5th longest shoreline in the conterminous U.S. The 10% of the state’s population that lives in one of its 20 CAMA counties depend on the quality and availability of coastal resources to support families and local economies. One specific UNC Tomorrow priority addressed by the proposed program is the preparation of a highly skilled workforce that can develop and implement decision making tools and applications that ensure an attentive stewardship of the State’s marine and coastal resources. Such education and training opportunities are essential as the State seeks to identify ways to mitigate and adapt to the effects of global change in these regions. In addition, this program has high potential to strengthen UNCW partnerships with local community colleges as prioritized in UNC Tomorrow.
- 3.8. Bachelor of Science, Public Affairs

- 3.8.1. **Name of Degree Program:** Public Affairs
- 3.8.2. **CIP Category:** 44.0401
- 3.8.3. **Level of Program:** Bachelor's
- 3.8.4. **Brief Description of the Program:** 39 credit hours: interdisciplinary in nature combining required coursework in public administration, policy analysis, economics, and political science with electives that are policy and management oriented that are offered by various academic units on campus. The curriculum would be designed to prepare students for careers working in the public or nonprofit sector. It would also prepare them to pursue graduate study in a Master of Public Administration/Public Policy program.
- 3.8.5. **Timeframe for the Program:** 2012-13
- 3.8.6. **Current or Planned Interaction with Other Campuses:** None
- 3.8.7. **Mode or Modes of Delivery of the Program:** Traditional classroom instruction supplemented by selected online or distance education classes
- 3.8.8. **Brief Rationale for the Program:** Employment in the public and nonprofit sector is growing along with the population in Southeastern NC and there is a need for qualified, educated professionals to work in public service jobs.

3.9.

- 3.9.1. **Name of Degree Program:**
- 3.9.2. **CIP Category:**
- 3.9.3. **Level of Program:**
- 3.9.4. **Brief Description of the Program:**
- 3.9.5. **Timeframe for the Program:**
- 3.9.6. **Current or Planned Interaction with Other Campuses:**
- 3.9.7. **Mode or Modes of Delivery of the Program:**
- 3.9.8. **Brief Rationale for the Program:**

3.10. Bachelor of Arts, International Studies [*currently in pipeline*]

- 3.10.1. **Name of Degree Program:** International Studies
- 3.10.2. **CIP Category:** 30.2001
- 3.10.3. **Level of Program:** Bachelor's
- 3.10.4. **Brief Description of the Program:** The College of Arts and Sciences will offer an interdisciplinary program leading to a B.A. in International Studies. The program will be integrative and interdisciplinary and will allow students to focus on a particular international theme or geographic area of concentration. The proposed major requires a gateway introductory course that also would satisfy Basic Study credit, a methods course, three required "core" or foundational courses in global studies, at least three earned hours through a study abroad experience, foreign language proficiency through at least intermediate level (preferably in the language used for the study abroad placement if such placement is in a non-English speaking country), and a capstone research seminar. In addition to the above, each major will complete 15 credit hours in a "concentration area." Students may select either (a) one of three thematic concentration options (Arts and Literature, Globalization, and the Environment) or (2) one of four area studies concentration options (Asia, Europe, Latin America Traditional face-to-face; web-

enhanced, and full on-line ca and the Middle East). Over 200 courses with international content or relevance are already in the UNCW catalogue. The major requires a total of 48 credit hours and the intended audience is UNCW students.

3.10.5. **Timeframe for the Program:** 2010-11

3.10.6. **Current or Planned Interaction with Other Campuses:** None

3.10.7. **Mode or Modes of Delivery of the Program:** Traditional face-to-face; web-enhanced, and full on-line

3.10.8. **Brief Rationale for the Program:** The proposed program directly relates to the university's mission of "creating an educational environment that prepares our students to be global citizens. The proposed major is also consistent with the UNC Tomorrow Commission goal of global readiness and competitiveness. The program design is expressly interdisciplinary because it is at the integration of two or more disciplines that the most powerful integrative learning experiences occur. Students choosing IS as a major will acquire concrete language and research skills. Finally, the program will have an applied learning component both through the required study abroad experience as well as the senior capstone seminar in which students will complete a research project related to their area of concentration.

4. Certificates

4.1. Post-Baccalaureate Certificate in Military and Veteran Affairs

4.1.1. **Name of Degree Program:** Military and Veteran Affairs

4.1.2. **CIP Category:** 44.0000

4.1.3. **Level of Program:** Post-baccalaureate certificate

4.1.4. **Brief Description of the Program:** The Post-Baccalaureate Certificate in Military and Veterans Affairs (MVA) will be an interdisciplinary program drawing knowledge and faculty from social work, sociology, psychology, nursing, recreation therapy, gerontology and other appropriate human service fields. The certificate will prepare professionals to help meet the myriad of physical and mental health needs of America's veterans, active duty Service members, and their families. Five hundred hours of service learning in local agencies concerned with services for veterans, active duty Service members and their families will be required.

4.1.5. **Timeframe for the Program:** 2011-12

4.1.6. **Current or Planned Interaction with Other Campuses:** None

4.1.7. **Mode or Modes of Delivery of the Program:** On-line, traditional didactic, and clinical practice courses will be provided. In addition, service-learning will play a significant role in the curriculum.

4.1.8. **Brief Rationale for the Program:** The wars in Iraq and Afghanistan have produced an unprecedented number of life threatening injuries to US military personnel resulting in significant health and mental health impairments. The physical injury rate in Iraq now exceeds 60,000 and the percentage of injured requiring amputations is the highest since the civil war (DOD statistics, Glasser, R., 2007). It is conservatively estimated that at least 30% of all returning veterans will meet DSM: IV-R criteria for serious mental health

disorders ranging from post-traumatic stress disorder, substance abuse, mood disorders and other forms of anxiety disorders (Hoge, et al., 2006). Substance abuse is a particularly common occurrence in returning veterans and is exhibited in 50 to 85% of those with PTSD (Miller, et al., 2006). The Department of Army reports that the suicide rate among active duty soldiers in 2006 was the highest in 26 years of record-keeping (Youssef, 2007). Traumatic brain injury (TBI) resulting from the impact of proximity to improvised explosive devices (IEDs) are also particularly severe and have resulted in some 80% of combat injuries. The co-morbidity of TBI, PTSD and associated cognition disorders is particularly challenging from a clinical treatment and rehabilitation perspective. Experts anticipate that a significant number of these individuals will suffer from chronic lifelong disorders that will preclude further military service and/or employment in the civilian sector without appropriate intervention. In addition, the elevated levels of domestic violence and child abuse, spousal and partner stress and behavioral problems that have been consistently seen in Viet Nam veterans are now evident in Iraq veterans (Kanter, 2007). Further more, rates of interpersonal violence in both active duty and veteran's populations are estimated to be three times greater than for civilian populations. Given UNCW's close proximity to both Fort Bragg (US Army) and Camp Lejeune (US Marine Corps), and the plethora of resources available at UNCW, this program is not only necessary but well suited to the mission of UNCW and address the 5th major finding of UNC Tomorrow--to "lead in improving the health and wellness of all people and communities in our state"; and will help facilitate this by "educat[ing] more health professionals" (4.5.2).

4.2. Post-Baccalaureate Certificate in Conflict Management and Resolution

4.2.1. **Name of Degree Program:** Conflict management and resolution

4.2.2. **CIP Category:** 30.0501

4.2.3. **Level of Program:** Post-baccalaureate certificate

4.2.4. **Brief Description of the Program:** 18 credit hours in two alternate tracks: domestic and international. Core and elective courses in PIA, Communication Studies, Criminology, Social Work, and Psychology.

4.2.5. **Timeframe for the Program:** 2011-12

4.2.6. **Current or Planned Interaction with Other Campuses:** Joint program with the Nelson Mandela Metropolitan University (NMMU) in Port Elizabeth, South Africa. Extension programs with Ft. Bragg and Camp Lejeune.

4.2.7. **Mode or Modes of Delivery of the Program:** Hybrid: intensive-lecture/distance education.

4.2.8. **Brief Rationale for the Program:** Conflict management is a high-demand skill both internationally (peacekeeping and diplomacy, international organizations, international law and mediation) as well as domestically (diversity enhancement, inter-organization management, family systems, labor relations, and ombudsman ship).