

**Request for Authorization to Establish
Master of Science (MS) in Planning and Development
CIP 04.0301
East Carolina University**

I. Program Highlights

- East Carolina University (ECU) proposes the establishment of a Master of Science (MS) in Planning and Development, with concentrations in coastal and environmental planning, rural and regional planning, and urban and community planning. These are strong areas of emphasis for ECU in their existing Bachelor of Science degree in community and regional planning.
- This program will allow ECU to advance its emphasis on ecological sustainability in coastal communities specifically, and in the eastern region of North Carolina more broadly.
- The degree program will be fully online with five course courses, two core courses, and three electives constituting the 30 credit hours required for the MS.
- This would be only the third fully online master's program in the field nationally (after the University of Florida and the University of Washington), and is focused on North Carolina's unique characteristics and job market needs.

II. Academic Program Planning Criteria (UNC Policy 400.1)

1. **Existing Programs (Number, Location, Mode of Delivery).** There are two master's degrees with the 04.0301 CIP in NC, located at the University of North Carolina at Charlotte and the University of North Carolina at Chapel Hill. Neither program offers an online MS in Planning and Development.
2. **Relation to Campus Distinctiveness and Mission.** The proposed MS in Planning and Development would directly support ECU's mission to use innovative learning strategies and delivery methods to maximize access; to prepare students with the knowledge, skills, and values to succeed in society; to develop tomorrow's leaders to serve and inspire positive change; and to support a thriving future for eastern North Carolina and beyond.
3. **Student Demand.** There are two master's degrees with the 04.0301 CIP in NC. Those degrees are located at UNC Charlotte and UNC-Chapel Hill. The UNC-Chapel Hill program is incredibly competitive and is ranked fifth in the nation, while the UNC Charlotte program has a well-known and distinctive focus on urban planning. As such, there is little concern about competition in student enrollment. As the first fully online program in NC and only the third nationally, it is well-positioned to be competitive in the market.

- 4. Potential for Unnecessary Duplication.** This would be the first online MS in Planning and Development in NC and would be distinct in focus from the two existing programs at UNC Charlotte and UNC-Chapel Hill. The UNC Charlotte program is focused on Urban Design, and UNC-Chapel Hill has longstanding strengths in economic development, housing and community development, land use and environmental planning, and transportation planning. The proposed degree at ECU would fill a gap by adding specialties in coastal, rural, and community planning.
- 5. Employment Opportunities for Graduates.** The American Planning Association’s 2018 national salary survey found that 70 percent of planners hold a master’s degree, which is the typical entry-level education credential. North Carolina employment projections indicate the growth rate of urban and regional planners between 2017-2026 as being “faster than average.” The annual growth rate is 1.4 percent. The Bureau of Labor Statistics (BLS) indicated in its May 2019 analysis that North Carolina had the fifth-largest number of individuals employed in the field of urban and regional planning nationally, with an annual mean wage of \$66,060.
- 6. Faculty Quality and Number.** The proposed MS in Planning and Development will leverage the resources and expertise currently in place at ECU, including eight current tenured/tenure-track faculty in the Department of Geography, Planning, and Environment. The existing faculty bring established experience and reputation in the areas of teaching, research, and public service to the proposed program. The MS program, however, will require the addition of two tenure-track faculty members to support the expansion of course offerings at the graduate level and net new enrollment.
- 7. Availability of Campus Resources (library, space, etc.)** The ECU Joyner Library has adequate library holdings to support the instructional and research needs for the proposed MS in Planning and Development. ECU libraries are committed to providing distance learning students and faculty with the same quality research materials and services as those offered on campus. The Joyner Library provides access to over roughly 875,000 e-books, 110,000 electronic journals, 70,000 pieces of electronic media, access to over 450 individual databases, and numerous other primary and secondary research sources.
- 8. Relevant Lower-level and Cognate Programs.** ECU currently offers a robust and successful Bachelor of Science degree in community and regional planning. This will help support the program. The proposed program will also complement existing graduate programs at ECU (e.g., Master of Public Administration, MS in Sustainable Tourism and Hospitality, MS in Environmental Health, Ph.D. in Integrated Coastal Sciences). The new degree will also open collaborative opportunities with ECU undergraduate programs such as the BS in Public Health Studies, the Rural Prosperity Initiatives, the Rural Health Disparities Lab, and the Center for Natural Hazards Research.

- 9. Impact on Access and Affordability.** As the first fully online program offered in this discipline in North Carolina, access is expected to increase, particularly for students located in rural areas or for those unable to relocate for full-time graduate enrollment.

No tuition differential or special program fee will be sought to support the proposed program. Tuition and fees at the fall 2020 and spring 2021 per credit hour distance education rates are as follows:

Per Credit Hour Distance Education Graduate Tuition and Fees per Semester (In Dollars)

Category	Resident	Non-Resident
Tuition	232.79	877.35
Tuition Differential	--	--
Mandatory Fees (Student Activities, Health Services, Education & Technology, Campus Safety, Debt Service, ASG)	16.47	16.57
Special Fees	--	--
Application Fee	75.00	75.00

- 10. Expected Quality.** ECU will build upon the outstanding programs already offered at the institution in related areas. The proposed MS has been designed with purposeful concentrations that allow a student to develop outstanding skills in the field. Following establishment, ECU plans to pursue professional accreditation from the Planning Accreditation Board (PAB), and will observe and adhere to the high standards outline by the organization. ECU has also demonstrated excellence in the development and delivery of online programs, with all faculty teaching online courses required to complete comprehensive training modules and undergo a peer review at least once every three years. ECU Academic Technologies supports faculty, staff, and students by using online learning platforms and developing online course material, multimedia tools, and robust web applications. ECU is committed to providing quality, accessible online education. The university is constantly working to improve accessibility and compliance programs.

- 11. Feasibility of Collaborative Program.** As this program represents the first fully online MS in Planning and Development in NC, it is distinct in structure and delivery from the two existing programs in the UNC System. The program will involve collaboration between colleagues regarding potential colloquia speakers and session. Students will also be encouraged to explore the opportunity for enrolling in courses at other UNC institutions not offered at ECU.

- 12. Other Considerations.** None.

III. Summary of Review Processes

1. **Campus Review Process and Feedback.** The proposal was reviewed by ECU's faculty, department, university curriculum committees, the provost, and the chancellor. Approval and support were provided at all levels.
2. **UNC System Office Review Process and Feedback.** Throughout the review process, ECU provided relevant information pertaining to program requirements and resources. The institution submitted appropriate documentation and research to support the statements made. ECU also received feedback and comments from other UNC institutions through the external feedback process and incorporated those perspectives into their proposal.

IV. Recommendation

It is recommended that the Board of Governors approve East Carolina University's request to establish the Master of Science in Planning and Development (CIP 04.0301) to enroll students starting fall 2021.

**Request for Authorization to Establish
Doctor of Philosophy (Ph.D.) in Agriculture and Environmental Sciences
CIP 01.0000
North Carolina A&T State University**

I. Program Highlights

- North Carolina A&T State University (N.C. A&T) proposes the establishment of a Doctor of Philosophy (Ph.D.) in Agriculture and Environment Sciences
- The proposed Ph.D. program supports an integrated perspective, cutting across academic units in order to provide students with an interdisciplinary approach to research and graduate education.
- The primary goal of the program is to provide high-quality graduate education and training in agricultural sciences emphasizing an interdisciplinary approach. Graduates are needed to: 1) Understand the nature and structure of global food systems and develop solutions for the grand challenges facing the industry; 2) apply an interdisciplinary approach to assess new technologies and policies; and 3) engage in policy development to address global and rural food security.
- The degree will be delivered in a face-to-face format. The program will target recent graduates as well as those who are working in research-oriented positions in industry and government. The program is an integrated and interdisciplinary degree between four departments requiring a minimum of 65 credits.

II. Academic Program Planning Criteria (UNC Policy 400.1)

1. **Existing Programs (Number, Location, Mode of Delivery).** There are no existing doctoral programs under the CIP of 01.0000-Agriculture, General in the UNC System.
2. **Relation to Campus Distinctiveness and Mission.** The proposed Ph.D. program in Agriculture and Environmental Sciences will allow students to generate new discoveries through research related to food and agricultural and environmental systems that will be disseminated in the classroom, publications, presentations and other forms of outreach. N.C. A&T is a research and land-grant university, and this program is directly tied to its historical mission and future strategic priorities. The proposed Ph.D. program is aligned with the mission of the University in providing advanced learning opportunities for students in the food, agricultural, and environmental sciences. As a land-grant institution with a strong history of research and outreach through Cooperative Extension, N.C. A&T is committed to translating the discovery of new scientific innovations to practical use by individuals and communities.
3. **Student Demand.** N.C. A&T anticipates that the program will attract students with master's degrees from international universities, from predominantly white universities,

and from other historically black colleges and universities. Additionally, the program will attract working professionals in research, industry, and government positions who wish to enhance their credentials. Because this is a new doctoral program, students who are currently matriculating in existing N.C. A&T master's programs in agricultural sciences and food and nutritional sciences will be candidates for the program. Students in biology and chemistry will be eligible as well. N.C. A&T's graduate programs are very diverse in ethnic and racial makeup, and it is anticipated that this level of diversity will be reflected in the doctoral program.

- 4. Potential for Unnecessary Duplication.** Only one university in the state system offers doctoral programs in agriculture and related areas: North Carolina State University (NC State). NC State offers doctoral degrees in animal science, food science, soil science, crop science, nutrition, entomology and agriculture education. However, no school within the state offers a doctoral program with an integrated approach to agricultural sciences in the form of the proposed interdisciplinary Ph.D. program.
- 5. Employment Opportunities for Graduates.** Agriculture is America's and North Carolina's largest economic enterprise and employer. Given the aforementioned factors, the proposed graduate program in Agriculture and Environmental Sciences is greatly needed in order to produce individuals equipped with the knowledge, skills, and dispositions needed by professionals to address the complex issues facing the 21st Century Global Agricultural Industry.
- 6. Faculty Quality and Number.** The proposed Ph.D. program is interdisciplinary in nature and leverages the faculty expertise present in four departments in the College of Agriculture and Environmental Sciences (Animal Sciences, Family and Consumer Sciences, Natural Resources and Environmental Design, and Agribusiness, Applied Economics and Agriscience Education). Over 30 faculty members will provide leadership and scholarly support to the development of the program. To support the delivery of the additional coursework and the supervision and advisement of doctoral students, three faculty positions will be added over the second and third year of the program's existence.
- 7. Availability of Campus Resources (library, space, etc.)** The F.D. Bluford Library has expertise and resources needed to support the proposed program. Overall, the library strives to assemble a collection that supports a doctoral research institution with distinction in STEM and the particular research needs of its clientele. As such, electronic and print resources pertaining to Agriculture and Environmental Science disciplines are collected at the Instructional Support Level. Because the programs in agriculture are research intensive, support is needed for laboratories in which the faculty and doctoral students will be conducting research. The program will require coordination which will be shared by all departments with support and assistance from the dean's office. It is anticipated that external funding will increase over time, based on the availability of increased grant opportunities for programs with doctoral students.

- 8. Relevant Lower-level and Cognate Programs.** The college offers three master's degree programs that will serve as feeder programs for the proposed Ph.D. program. The master's degree programs are Agricultural Education, Food and Nutritional Science, and Agricultural and Environmental Systems (Concentrations: Agribusiness and Food Industry Management, Natural Resources and Environmental Systems, and Integrated Animal Health). The proposed Ph.D. program will provide opportunities for master's students in in food, nutritional, and agricultural sciences to matriculate directly into a terminal degree program and enhance their expertise.
- 9. Impact on Access and Affordability.** According to a recent article in The Journal of Blacks in Higher Education, African Americans represented less than six percent of graduate students receiving degrees in 2016 in the arts and humanities, biological and agricultural sciences, engineering, and physical sciences (Examining the data on black enrollments in U.S. graduate schools, 2017). More opportunities for African Americans to earn doctoral degrees in agricultural sciences are needed in order to address this disparity and emerging challenges in food and agriculture. The proposed Ph.D. in Agriculture and Environmental Sciences will contribute to an overall increase in the number of doctoral degrees in agricultural sciences held by African Americans. It will also provide doctoral pathways for students enrolled in existing master's degree programs in the College of Agriculture and Environmental Sciences. Doctoral training of African Americans and other minority students will help address the severe shortage of minority faculty and researchers in the areas of food and agricultural sciences. This gap has been highlighted by the United States Department of Agriculture and other organizations as being a major threat to the competitiveness of the nation's food and agricultural sectors.

A tuition differential is requested to support program growth and expansion and required laboratory costs associated with doctoral-level research. For students enrolled in 1-2 credit hours the proposed differential is \$500; for students enrolled in 3-5 credit hours \$1,000; for students enrolled in 6-8 credits \$1,500; and for students registered for 9 or more credit hours a differential of \$2,000.

Full-Time 2020-21 Graduate Tuition and Fees per Semester (In Dollars)

Category	Resident	Non-Resident
Tuition	2,372.50	8,772.50
Tuition Differential	2,000.00	2,000.00
Mandatory Fees (Athletics, Student Activities, Health Services, Education & Technology, Campus Security, Debt Service, ASG)	1,505.41	1,505.41
Special Fees	--	--
Application Fee	60.00	60.00

10. Expected Quality. N.C. A&T is recognized as a leading research institution in the field of agricultural sciences. That expertise will support the anticipated high-quality interdisciplinary program. The broad base of the proposed Ph.D. program will ensure that students are exposed to the wider nexus of food, agriculture, environmental sciences, and health through common courses and peer-interaction/learning. The degree concentrations or specializations will then allow students to tailor their knowledge and research skills in a chosen concentration through specialized study. Hence, this Ph.D. offers a unique opportunity for N.C. A&T to consolidate its classification status a high research doctoral institution and a player in transdisciplinary training and research.

11. Feasibility of Collaborative Program. The proposed interdisciplinary doctoral program will facilitate greater collaboration among the departmental units within the college as well as with NC State's College of Agriculture and Life Sciences (CALs). We anticipate collaborations with NC State to include faculty service on doctoral committees and student enrollment in courses as needed. As the two land-grant institutions in the state with programs of agriculture and Cooperative Extension services, there is an inherent collaborative relationship between N.C. A&T and NC State across the three mission areas. Faculty at NC State serve as collaborators, PIs and/or Co-PIs on research projects with faculty at N.C. A&T. It is anticipated that these relationships will be strengthened by the proposed doctoral program, given the longer time span for completion of the Ph.D. degree and opportunities for students to be co-advised and hosted in research labs and research stations at both institutions.

12. Other Considerations. None.

III. Summary of Review Processes

- 1. Campus Review Process and Feedback.** The proposal was reviewed by N.C. A&T's faculty, department, university curriculum committees, the provost, and the chancellor. Approval and support were provided at all levels.
- 2. UNC System Office Review Process and Feedback.** Throughout the review process, N.C. A&T provided relevant information pertaining to program requirements and resources. The institution submitted appropriate documentation and research to support the statements made. N.C. A&T also received feedback and comments from other constituent institutions as well as from scholars from institutions outside the state through the external feedback process and incorporated those perspectives into their proposal.

IV. Recommendation

It is recommended that the Board of Governors approve North Carolina A&T State University's request to establish the Doctor of Philosophy in Agriculture and Environmental Sciences (CIP 01.0000) to enroll students starting fall 2022.

**Request for Authorization to Discontinue and/or Consolidate
Academic Degree Programs**

**The University of North Carolina at Greensboro – EdS in Educational Leadership – (CIP
13.0401)**

Overview: The Specialist in Education (EdS) in Educational Leadership (13.0401) at the University of North Carolina at Greensboro will be discontinued effective fall 2021. The request to discontinue the degree program was approved by the head of the program, institutional curriculum committees, the provost, and chancellor.

The program is being discontinued due to a lack of student demand. The EdS is an intermediate degree that sits between the master's and the doctorate and has seen a reduction in interest in recent years. UNC Greensboro also offers an EdD in Educational Leadership that continues to demonstrate strong enrollment. In the fall 2020 application cycle, only two students applied to the EdS program while 16 applied to the EdD.

There is one student currently enrolled in the program who will graduate in the spring of 2021. No faculty or staff members will be reassigned due to the discontinuation of the program, as many of the courses will still be offered under the existing EdD program.

Recommendation: It is recommended that the Board of Governors approve the University of North Carolina at Greensboro's request to discontinue the Specialist in Education in Educational Leadership (CIP 13.0401) effective fall 2021.

UNC System: Delegated Academic Program Actions**Mode of Delivery Changes**

	Institution	Degree	Program Title	CIP	Mode	Date
1.	ASU	BS	Middle Grades Education	15.1501	Online	12/04/2020
2.	NCCU	BS	Kinesiology	31.0505	Online	11/25/2020
3.	UNCC	BA	Elementary Education	13.1202	Online	11/25/2020

Off-Site Instruction Changes

None

CIP, Degree, and Title Changes

	Order	Institution	Degree	Program Title	CIP	Date
1.	Old	NCSU	MBA	Master of Business Administration	52.0201	11/23/2020
1.	New	NCSU	MBA	Master of Business Administration	52.1301	

	Order	Institution	Degree	Program Title	CIP	Date
2.	Old	NCSU	MLA	Master of Landscape Architecture	04.0601	11/23/2020
2.	New	NCSU	MLA	Master of Landscape Architecture	03.0103	

Specialty Code Changes

	Institution	Degree	Program Title	CIP	Date
1.	FSU	BA	Spanish Teaching	13.1330	11/19/2020
2.	FSU	BA	English, Language and Literature	23.0101	11/25/2020
3.	FSU	BA	General Music	50.0901	11/25/2020
4.	FSU	BS	Mathematics	27.0101	11/25/2020
5.	FSU	MAT	Master of Arts in Teaching	13.1299	11/30/2020
6.	FSU	MED	Master of Education	13.1299	11/30/2020
7.	NCA&T	BS	Agricultural Education	13.1301	11/24/2020
8.	NCA&T	BA	History	54.0101	11/24/2020

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9.	NCA&T	MAT	Master of Arts in Teaching	13.1299	11/24/2020
10.	NCA&T	BS	Mathematics	27.0101	11/24/2020
11.	UNCA	BA	Anthropology	45.0201	11/17/2020
12.	UNCA	BA	Economics	45.0601	11/17/2020
13.	UNCA	BA	History	54.0101	11/17/2020
14.	UNCA	BA	Languages and Literatures	15.0101	11/17/2020
15.	UNCA	BA	Mathematics	27.0101	11/17/2020
16.	UNCA	BS	Physics	40.0801	11/17/2020
17.	UNCA	BA	Political Science	45.1001	11/17/2020
18.	UNCA	BA	Classics	16.1200	11/18/2020
19.	UNCA	BA	Sociology	45.1101	11/18/2020
20.	UNC-CH	BA	Biology	26.0101	11/25/2020
21.	UNC-CH	BS	Biology	26.0101	11/25/2020
22.	UNC-CH	BA	Chemistry	40.0501	11/25/2020
23.	UNC-CH	BS	Chemistry	40.0501	11/25/2020
24.	UNC-CH	BA	Geological Sciences	40.0601	11/25/2020
25.	UNC-CH	BS	Geological Sciences	40.0601	11/25/2020
26.	UNC-CH	MED	Masters for Experienced Teachers	13.0101	11/25/2020
27.	UNC-CH	BA	Physics	40.0801	11/25/2020
28.	UNC-CH	BS	Physics	40.0801	11/25/2020
29.	UNC-CH	BA	Mathematics	27.0101	11/30/2020
30.	UNC-CH	BS	Mathematics	27.0101	11/30/2020
31.	UNC-CH	MAT	Teaching	13.1299	11/30/2020
32.	UNCG	BA	Anthropology	45.0201	11/30/2020
33.	UNCG	BA	Biology	26.0101	11/30/2020
34.	UNCG	MED	Birth through Kindergarten Interdisciplinary Studies in Education and Development	13.1210	11/30/2020
35.	UNCG	BS	Birth through Kindergarten Teacher Education	13.1210	12/01/2020
36.	UNCG	BA	Chemistry	40.0501	12/01/2020
37.	UNCG	BA	Geography, Secondary Education	13.1317	12/01/2020
38.	UNCG	BA	History, Secondary Education	13.1318	12/01/2020
39.	UNCG	BS	Human Development and Family Studies	19.0701	12/01/2020
40.	UNCG	BA	Languages, Literatures, and Cultures	16.0101	12/01/2020
41.	UNCG	MLIS	Library and Information Sciences	25.0101	12/01/2020
42.	UNCG	MAT	Master of Arts in Teaching	13.1299	12/01/2020
43.	UNCG	BA	Mathematics	27.0101	12/01/2020
44.	UNCG	BA	Political Science, Secondary Education	13.1317	12/01/2020
45.	UNCG	BA	Psychology, Secondary Education	13.1317	12/01/2020
46.	UNCG	BA	Sociology, Secondary Education	13.1317	12/01/2020
47.	UNCG	BS	Special Education: General Curriculum	13.1001	12/01/2020
48.	UNCG	MED	Special Education: General Curriculum	13.1001	12/01/2020
49.	UNCG	MED	Teacher Education	13.0301	12/01/2020

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50.	UNCP	BA	Art	50.0702	12/01/2020
51.	UNCP	MA	Art Education	13.1302	12/01/2020
52.	UNCP	BS	Birth-Kindergarten Education	13.1209	12/01/2020
53.	UNCP	BA	English	23.0101	12/01/2020
54.	UNCP	MA	English Education	13.1305	12/01/2020
55.	UNCP	BA	History	54.0101	12/01/2020
56.	UNCP	MAT	Master of Arts in Teaching	13.1299	12/01/2020
57.	UNCP	MSW	Master of Social Work	44.0701	12/01/2020
58.	UNCP	MA	Mathematics Education	13.1311	12/01/2020
59.	UNCP	MAED	Middle Grades Education (6-9)	13.1203	12/01/2020
60.	UNCP	BM	Music Education	13.1312	12/01/2020
61.	UNCP	MA	Physical Education	13.1314	12/01/2020
62.	UNCP	BS	Physical Education (K-12)	13.1314	12/01/2020
63.	UNCP	MAED	Professional School Counseling	13.1101	12/01/2020
64.	UNCP	MAED	Reading Education	13.1315	12/01/2020
65.	UNCP	BS	Science Education	13.1316	12/01/2020
66.	UNCP	MA	Science Education	13.1316	12/01/2020
67.	UNCP	MA	Social Studies Education	13.1318	12/01/2020
68.	UNCP	BSW	Social Work	44.0701	12/01/2020
69.	UNCP	BA	Spanish	16.0905	12/01/2020
70.	UNCP	BS	Special Education	13.1001	12/01/2020
71.	UNCP	BS	Mathematics	27.0101	12/01/2020
72.	UNCP	MSA	School Administration	13.0409	12/01/2020
73.	UNCW	BS	Biology	26.0101	12/01/2020
74.	UNCW	BA	French	16.0901	12/01/2020
75.	UNCW	BS	Mathematics	27.0101	12/01/2020
76.	UNCW	BA	Spanish	16.0905	12/01/2020
77.	UNCW	BS	Marine Biology	26.1302	12/01/2020
78.	UNCW	BA	Mathematics	27.0101	12/01/2020