APPENDIX I

Request for Authorization to Establish
Master of Science (MS) in Global Medicines Development
CIP 51.2006
University of North Carolina at Chapel Hill

I. Program Highlights

- The University of North Carolina at Chapel Hill proposes the establishment of a Joint Master of Science in Global Medicines Development.
- The proposed degree will serve as a world-class training program for pharmaceutical scientists focused on creating innovative leaders in global health addressing industry elements like research and development, drug development, drug storage, safety monitoring, and supply chain requirements.
- The degree will be offered in partnership with the school of pharmacy at Monash University (Melbourne, Australia), which is the No. 4 pharmacy school in the world. Students will access expertise and resources from two top-10 schools of pharmacy in the world and include required placements in their third term at a pharmaceutical sciences company in Melbourne, Australia, and Research Triangle Park (RTP) and beyond.
- The 36-credit-hour degree will be delivered via a hybrid format; 12 credit hours will be delivered in-person by Monash; six credit hours will be delivered online via UNC; six credit hours will be delivered in hybrid format (predominantly online with two week-long in-person intensives per course at Monash) via UNC; and 12 credit hours will be delivered in-person during the third semester placement, which is jointly planned, supported, and assessed.
- Projected enrollment in year five is a total of 146 students. All students will learn in residence at Monash.
- Currently no degrees offered within the UNC System are specifically aimed at drug development on a global scale, thus the proposed program fills a need within North Carolina.
- The proposed program addresses the UNC System's strategic plan, committed to access, affordability, student success, and economic impact and community engagement. It also aligns with UNC-Chapel Hill's Carolina Next plan to strengthen student success, discover, enable career development, and globalize.
- Market analyses based on institutional research and external expert Hanover Research show strong demand projections, employment outcomes in the pharmaceutical and biotechnology industries in North Carolina and beyond, and employer support for the proposed program.
- Industry jobs include global business development, regulatory strategy, medication development, supply chain management, clinical trial positions, and research and policy roles.

II. Academic Program Planning Criteria (UNC Policy 400.1)

1. **Relation to Campus Distinctiveness and Mission.** The proposed program benefits North Carolina, graduates, and the companies that may interact with the students during the program and post-graduation. The UNC System's mission, "Education, research, and public service for all North Carolinians," was specifically considered and is consistent with the mission of the proposed program. Students will contribute to the mission through their placement in a pharmaceutical

sciences company, where they will work on a problem of global significance to create their capstone project, required for graduation, as well as their impact in the North Carolina and global workforce upon graduation.

2. **Student Demand.** Because of the unique nature of the proposed program, direct comparator programs do not exist. There are no UNC System degrees in the proposed area of study. Therefore, robust market and competitor analyses were completed internally both by the Eshelman School of Pharmacy and Monash University Faculty of Pharmacy and Pharmaceutical Sciences, and externally via Hanover Research. These reports are part of the Request to Establish package.

Table 1. Other UNC System Enrolled for CIP 51.2006 — [Clinical and Industrial Drug Development**], [MS]**

Institution	AY2019-20	AY2020-21	AY2021-22	AY2022-23	AY2023-24	AY2024-25
None	N/A	N/A	N/A	N/A	N/A	N/A

Table 2. Other UNC System Completions for CIP 51.2006 — [Clinical and Industrial Drug Development**], [MS]**

Institution	AY2019-20	AY2020-21	AY2021-22	AY2022-23	AY2023-24	AY2024-25
None	N/A	N/A	N/A	N/A	N/A	N/A

Table 3. IPEDS Peer Institutions Completions for CIP 51.2006 — [Clinical and Industrial Drug Development**], [MS]**

Institution	AY2019-20	AY2020-21	AY2021-22	AY2022-23
University of Washington-Seattle Campus	14	18	23	15

Employment Opportunities for Graduates. Employment opportunities are anticipated throughout the leadership structure of global pharmaceutical and biotechnology companies. Market analysis included an analysis of top pharmaceutical industry jobs, including global business development, regulatory strategy, medication development, supply chain management, clinical trial positions, and research and policy roles.

Table 4. Median Wage for SOC Codes Cross-walked to CIP Code: 51.2006 [Clinical and Industrial Drug Development**]**

11-3051 Industrial Production Managers

Educational Level Requirement	SOC Count	Median Wage
Some College or Associate Degree		
Bachelor's Degree	185,790	$121,440
Doctoral or Professional Degree		

11-9121 Natural Sciences Managers

Educational Level Requirement	SOC Count	Median Wage
Some College or Associate Degree		
Bachelor's Degree	96,520	$ 161,180
Doctoral or Professional Degree		

25-1071 Health Specialties Teachers, Postsecondary

Educational Level Requirement	SOC Count	Median Wage

Some College or Associate Degree		
Bachelor's Degree		
Doctoral or Professional Degree	225,360	$105,620

Table 5. Estimated Employment in North Carolina for SOC Codes Cross-walked to CIP Code: 51.2006 with a Matching Education Level Requirement

Source: NC Dept of Commerce (https://analytics.nccommerce.com/projections/occ/)

Education Level Requirement	Count of SOC Codes	2022 Estimate	2032 Estimate	Net Change	Percent Change
Industrial production Managers (Bachelor's)	9,340	8,216	8,759	543	0.64%
Natural Sciences Managers (Bachelor's)	6,750	4,480	5,195	715	1.49%
Health Specialties Teachers, Postsecondary (doctoral or professional degree)	10,530	11,470	14,842	3,372	2.61%

3. **Impact on Access and Affordability.** Per above, projected earnings potential for graduates of the proposed program is above the state average of roughly $1,100 per week or ~$57,200 per year. Graduates of the three-semester degree program will have favorable levels of indebtedness compared to potential earnings and professional trajectories.

   The NC Department of Commerce reports more than 60,000 jobs available in biotechnology and pharmaceutical industries, with a growth of 3 percent since 2001. National and international job growth is expected due to there being more than 8,000 medicines in the drug development pipeline throughout the world with more than 70 percent having the potential to be first-in-class treatments. Market research firm Grand View Research estimates the global pharmaceutical manufacturing sector to grow at a compound annual growth rate of 13.7 percent from 2020 through 2027, pointing to strong demand for skilled labor.
   Graduates of the proposed program will obtain a wide range of well-paying jobs in several industries. For example, graduates that go into the pharmaceutical industry can expect to earn $70,000-$80,000 USD annually within the US.

4. **Program Specific Fees or Tuition**. UNC-Chapel Hill is not requesting any program-specific fees or tuition differential for this program. As a joint degree program, the proposed tuition model is unique. Monash University will serve as the administrative student home and will recover 15 percent of tuition for domestic (including North Carolina residents) students and 16 percent of tuition for international students. After the administrative overhead is deducted, 50 percent of revenue will be allocated to UNC-Chapel Hill. Fees to the university will be taken from program revenue, and remaining revenue will be split 25 percent to the university and 75 percent to the UNC Eshelman School of Pharmacy

Table 6. Full-Time 2026 Master's Tuition and Fees per Year (In Dollars)

5. **Expected Quality.** The proposed program will leverage an established partnership between UNC-Chapel Hill's

Category	Resident	Nonresident
Tuition	$25,984 USD ($40,000 AUD as of 8/14/25)	$37,029.76 USD ($57,000 AUD as of 8/14/25)
Tuition Differential	N/A	N/A
Mandatory Fees (Athletics, Student Activities, Health Services, Educational & Technology, Campus Security, Debt Service, ASG)	0,000.00	0,000.00
Special Fees	N/A	N/A

Eshelman School of Pharmacy ranking No. 10 in the world and No. 1 in the US and Monash University's Faculty of Pharmacy and Pharmaceutical Sciences ranking No. 4 in the world and #1 in Australia. While program-specific accreditation is not required, the program will be accredited and aligned with national standards in the United States and Australia. Students will take a full academic load at 12 credit hours per semester and will complete a placement and capstone project in their final semester in a pharmaceutical sciences industry setting.

6. **Faculty Quality and Number.** Faculty must qualify to teach in the program through training and experience. Specific qualifications include an earned doctorate or terminal degree in pharmacy, pharmaceutical sciences, regulatory sciences, or related field, or strong evidence of competency in the teaching area must be provided in alignment with UNC's faculty credentialing requirements for instruction. UNC-Chapel Hill's Eshelman School of Pharmacy, specifically the Practice Advancement and Clinical Education Division and the Pharmacotherapy and Experimental Therapeutics Division, have five participating faculty who teach across the existing PharmD, MS, Ph.D., and Master in Professional Science degrees. Monash University has four participating faculty who teach in the existing BS and MS in Pharmacy, MS in Pharmaceutical Sciences, Ph.D. programs, and BS in Pharmaceutical Sciences degrees and are nationally known scholars.

7. **Relevant Lower-level and Cognate Programs.** The UNC-Chapel Hill Eshelman School of Pharmacy has a strong faculty offering doctoral, master's, and bachelor's level courses and training in pharmaceutical sciences, with expertise that translates to the proposed program. Similar foundational knowledge and skills from other science fields and research faculty including biology, chemistry, environmental health, genetics and molecular biology, and regulatory science also contribute to the proposed program. Monash University also offers related science degree programs including biomedical science and medical science that provide academic and faculty support for the proposed program.

8. **Availability of Campus Resources (Library, Facilities, etc.).** The proposed program is residential in Melbourne, Australia. Students will be considered joint students on both campuses and able to access relevant campus services either online or residentially.

9. **Existing Programs (Number, Location, Mode of Delivery).** The UNC System does not offer degrees in this CIP code at any degree level. The UNC-Chapel Hill MS in Pharmaceutical Sciences with a specialization in health-system pharmacy administration is the nearest. Annual student applications, acceptances, and new enrollments averaged 28.5, 11, and 20, respectively from 2020 to 2023. This degree also offers hybrid learning options with enrollments online and based at a hospital partner site. Notably, it is marketed to traditional learners (post-graduate, early-career learners) and working professionals.

Table 7. Other UNC System Applied/Admitted /Enrolled for CIP 51.2006 — [Clinical and Industrial Drug Development]

Institution	Degree Level	Counts	AY (e.g., 22-23)	AY (e.g., 23-24)
None	N/A	N/A	N/A	N/A

10. **Potential for Unnecessary Duplication.** The proposed joint degree does not duplicate a current degree.

11. **Feasibility of Collaborative Program**. The degree is proposed as a joint degree with Monash University in Australia. There are no other pharmacy schools within the UNC System.

III. Summary of Review Processes

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1. **Institution Review Process and Feedback.** This proposal has undergone review, revision, and approval from the following UNC-Chapel Hill committees and approving bodies: Eshelman School of Pharmacy faculty, Academic Programs Consulting Team, Academic Policy Committee, Graduate School Administrative Board, Provost's Office, CFO and finance and operations, and chancellor.

2. **UNC System Office Review Process and Feedback.** Throughout the review process, UNC Chapel Hill provided relevant information pertaining to program requirements and resources. The institution submitted appropriate documentation and research to support the statements made.

IV. Recommendation

Staff recommends that the UNC Board of Governors approve the University of North Carolina at Chapel Hill request to establish the Master of Science (MS) in Global Medicines Development (CIP 51.2006) effective spring 2026.

THE UNIVERSITY OF NORTH CAROLINA SYSTEM

Request for Authorization to Establish
Bachelor of Science (BS) in Artificial Intelligence
CIP 11.0102
University of North Carolina at Charlotte

I. Program Highlights

- The University of North Carolina at Charlotte proposes the establishment of a Bachelor of Science (BS) in Artificial Intelligence in the College of Computing and Informatics (CCI).
- The Bachelor of Science in Artificial Intelligence is designed for students aiming to build skills for a range of careers in artificial intelligence (AI) and machine learning. Year five enrollment is estimated to be 400 students.
- This distinct undergraduate AI program proposal integrates AI into the curriculum from the first year through an application-first, top-down approach in the introductory Artificial Intelligence and Machine Learning courses. This degree will focus on applied learning, real-world problem-solving, cross-disciplinary collaboration, and hands-on experiences.
- The proposed BS in AI directly supports UNC Charlotte's institutional mission by preparing students for high-impact careers, fostering cutting-edge research, and addressing urgent workforce needs. The proposed program aligns with three university pillars: (1) Transform Students' Lives Through Educational Opportunity and Excellence; (2) Power the Future Through Inquiry, Research, and Creative Discovery; and (3) Drive Progress for North Carolina and Beyond.
- EAB projects above-average national employment growth in the top five occupations seeking bachelor's-level AI professionals between 2025 and 2035.[1] A search for artificial intelligence-related job postings on NCWorks.gov[2] reveals a high demand for AI professionals both statewide and in the Charlotte region. Statewide, there are over 2,600 AI-related job listings across various industries, and in Charlotte there are more than 1,000 job openings, demonstrating a strong local demand.
- Graduates from this program will be well-positioned for careers in AI, data science, and machine learning across multiple sectors, including finance, consulting, health care, cybersecurity, technology, and energy. Based on the CCI's existing BS in Computer Science five-year student success metrics, the college anticipates that this proposed program will similarly boast 81 percent employment within the field[3] and across multiple industries with 84 percent remaining in the region and estimated five-year post-graduation wages between $76,000 ($81,000 within the field)[4] and $93,000.[5][6]

[1] EAB. (2025, February). Market pulsecheck for a bachelor's-level artificial intelligence program. See Appendix A for the full study.
[2] NCWorks.gov. (2025, February 24). Job search results for "Artificial Intelligence". Retrieved from https://www.ncworks.gov
[3] Lightcast's CIP to O*NET mapping
[4] Lightcast (2025). "Program Snapshot: Computer Science-Bachelor of Science." Data retrieved 7/24/2025.
[5] Source: https://collegescorecard.ed.gov/. Retrieved 7/24/2025.

II. Academic Program Planning Criteria (UNC Policy 400.1)

1. **Relation to Campus Distinctiveness and Mission.** The program aligns with UNC Charlotte's mission as a leading urban research institution with a substantial local-to-global impact. CCI currently offers programs in bioinformatics, data science, and cybersecurity — fields that are rapidly being transformed by AI applications necessitating a more focused and streamlined AI degree program. Given its activity within AI-impacted fields, CCI is well-equipped to provide an undergraduate AI program focused on applied learning, real-world problem-solving, cross-disciplinary collaboration, and hands-on experiences. Additionally, UNC Charlotte has made significant contributions to AI research, including advancements in AI and mixed reality, natural language processing, computer vision, machine learning, deep learning, and computer intelligence for predictive health and environmental risk analysis.[7]

   The program will also support the greater UNC System's mission, emphasizing education, research, and public service for all North Carolinians by aligning with the following three pillars: (1) Student Success, (2) Affordability and Efficiency, and (3) Economic Impact and Community Engagement.

2. **Student Demand.**

Table 1. Other UNC System Enrolled for CIP 11.0102 — Artificial Intelligence and Robotics, BS

Institution	AY2019-20	AY2020-21	AY2021-22	AY2022-23	AY2023-24	AY2024-25
None	N/A	N/A	N/A	N/A	N/A	N/A

Table 2. Other UNC System Completions for CIP 11.0102 — Artificial Intelligence and Robotics, BS

Institution	AY2019-20	AY2020-21	AY2021-22	AY2022-23	AY2023-24	AY2024-25
None	N/A	N/A	N/A	N/A	N/A	N/A

Table 3. IPEDS Peer Institutions Completions for CIP 11.0102 — Artificial Intelligence and Robotics, BS

Institution	AY2019-20	AY2020-21	AY2021-22	AY2022-23
None	N/A	N/A	N/A	N/A

3. **Employment Opportunities for Graduates.** EAB identified 6,508 statewide and 28,224 regional AI-related job postings between February 2024 and January 2025.[8] Generative AI job postings have increased significantly. Software development demand is rising due to AI integration, and data scientists and machine learning engineers are becoming critical. AI skills are essential in cybersecurity, IT infrastructure, and digital transformation, with health care and finance experiencing a surge in AI-driven

[7] UNC Charlotte College of Computing and Informatics, "CCI Research Areas," UNC Charlotte, accessed February 28, 2025, https://cci.charlotte.edu/cci-research-areas/.

[8] EAB. (2025, February). Market pulsecheck for a bachelor's-level artificial intelligence program. See Appendix G for the full study.

automation and innovation.[9] The Standard Occupational Classification (SOC) codes linked to the 11.0102 AI and Robotics CIP code, according to the U.S. Department of Education CIP-SOC crosswalk, are as follows: computer and information science researchers (15-1221), software developers (15-1252), data scientists (15-2051), and postsecondary computer science teachers (25-1021). The most relevant occupations for graduates of this undergraduate program are software developers and data scientists.

Table 4. Median Wage for SOC Codes Cross-walked to CIP 11.0102 — Artificial Intelligence and Robotics, B.S.

Educational Level Requirement	SOC Count	Median Wage
Some College or Associate Degree	N/A	N/A
Bachelor's Degree	2	$124,900[10]
Master's Degree	1	$132,560
Doctoral or Professional Degree	1	$86,080

Table 5. Estimated Employment in North Carolina for 11.0102 with a Matching Education Level Requirement

Education Level Requirement	Count of SOC Codes	2022 Baseline	2032 Estimate	Net Change	Percent Change
Bachelor's Degree	2	31,309	41,686	10,377	33%
Master's Degree	1	382	510	128	33.5%
Doctoral or Professional Degree	1	1,368	1,527	159	11.6%

4. **Impact on Access and Affordability.** Students in the proposed program are expected to incur debt loads similar to those in the current BS in Computer Science program, where the median total debt after graduation is approximately $22,000[11]. With entry-level salaries for BS graduates averaging around $84,000 yearly[12] and median earnings reaching $93,000[13] five years after graduation, the estimated debt-to-earnings ratio is about 3%. This is a favorable figure that reflects strong return on investment.

5. **Program Specific Fees or Tuition**. The existing major fee ($225) in the College of Computing and Informatics will also apply to students in the BS in Artificial Intelligence.

Table 6. Full-Time Undergraduate 2025-2026 Tuition and Fees per Year (In Dollars)

Category	Resident	Nonresident
Tuition	$3,812.00	$20,018.00
Tuition Differential	N/A	N/A

[9] Bureau of Labor Statistics, "Industry and Occupational Employment Projections Overview and Highlights, 2023–33," Monthly Labor Review, U.S. Department of Labor, 2024, https://www.bls.gov/opub/mlr/2024/article/industry-and-occupational-employment-projections-overview-and-highlights-2023-33.htm.

[10] Average of $132,000 and $118,000

[11] https://inside.charlotte.edu/news-features/2021-11-16/unc-charlotte-students-graduate-student-loan-debt-lower-state-national

[12] Burtch Works. (2024). Data Science & AI Professionals Salary Report (p. 22). Retrieved from https://www.burtchworks.com/salary-2024

[13] Source of debt data: https://collegescorecard.ed.gov/. Retrieved 7/24/2025.

Mandatory Fees (Athletics, Student Activities, Health Services, Educational & Technology, Campus Security, Debt Service, ASG)	$3,285.00	$3,285.00
Special Fees	$225.00	$225.00

6. **Expected Quality.** The proposed BS in Artificial Intelligence will require students to complete general education requirements and 70 credit hours of study within the major. There will be no prerequisites beyond those courses required for general education. The program will not seek specialized accreditation; accordingly, barriers to degree progression that might otherwise be associated with such programs will be avoided, improving accessibility. CCI also supports student success through several targeted initiatives. The Center for Education Innovation and Research promotes evidence-based teaching practices, while the Integrated Critical Core provides foundational support during the first two years of study, including in the BS in AI. Faculty also engage in the Student Classroom Experience Project to continuously improve learning outcomes.

7. **Faculty Quality and Number.** The College of Computing and Informatics currently has 47 faculty members engaged in teaching and research related to artificial intelligence, representing three departments: Computer Science, Software and Information Systems, and Bioinformatics. These faculty span all academic ranks, including 14 professors, seven associate professors, 12 assistant professors, nine teaching professors, and five lecturers. This mix ensures a strong balance of research depth and teaching focus, with senior research faculty driving innovation and teaching professors and lecturers supporting high-quality instruction across the curriculum.

8. **Relevant Lower-level and Cognate Programs.** The program will be structured similarly to existing undergraduate programs in CCI, particularly the BS in Computer Science with the AI, Robotics, and Gaming concentration. The program will leverage CCI's experience in supporting students who enter college with limited programming backgrounds, ensuring they can succeed in the major.

9. **Availability of Campus Resources (Library, Facilities, etc.).** Existing campus resources, including J. Murrey Atkins Library's extensive holdings, are adequate to support student research for this program. Facilities are currently available for the AI program staff on the campus of UNC Charlotte in Woodward Hall, Bioinformatics building, and will be available in the Burson building after the already proposed, approved, and planned renovations/expansion. All faculty have private offices, conference rooms, and workspaces throughout the College of Computing and Informatics. Renovations are also planned throughout the college, providing additional capacity to support the AI program. The college anticipates that the expansion of AI research, fueled by the growth of the proposed MS and BS in AI, will be further supported by grants, enabling the future acquisition of additional state-of-the-art technology.

10. **Existing Programs (Number, Location, Mode of Delivery).**

Table 7. Other UNC System Applied/Admitted /Enrolled for CIP 11.0102 — Artificial Intelligence and

Robotics, BS

Institution	Degree Level	Counts	AY (e.g., 22-23)	AY (e.g., 23-24)
N.C. A&T[14]	Bachelor's/BS	Applied	N/A	N/A
N.C. A&T	Bachelor's/BS	Admitted	N/A	N/A
N.C. A&T	Bachelor's/BS	Enrolled	N/A	N/A

11. **Potential for Unnecessary Duplication.** There are no currently active BS in Artificial Intelligence in the UNC System. North Carolina Agricultural and Technical State University has begun establishing an undergraduate program in artificial intelligence, CIP 11.0102; however, it was not yet active at the time of UNC Charlotte's request to establish. While interest in AI-related education and training is evident throughout the UNC System, that does not fill the educational gap left by the absence of a dedicated undergraduate degree program.

12. **Feasibility of Collaborative Program**. N.C. A&T's BS in Artificial Intelligence was approved by the UNC System Board of Governors in 2024. While other universities offer AI concentrations within computer science degrees, UNC Charlotte and N.C. A&T will be the only stand-alone AI bachelor's programs in the state. The favorable employer demand in both statewide and regional labor markets supports both programs.

    UNC Charlotte's existing collaborations with institutions such as NC State University, N.C. A&T, Duke University, and University of North Carolina at Chapel Hill, to name a few, through initiatives like NCShare and the Center for Energy Security and Reliability demonstrate UNC Charlotte's strong foundation for future AI research partnerships.

III. Summary of Review Processes

1. **Institution Review Process and Feedback.** The proposed program was reviewed and approved by the dean and associate dean of the College of Computing and Informatics, department chair for Computer Science, the Undergraduate Course and Curriculum Committee and the Faculty Council. Leadership support and approval for the proposed program includes the provost and vice chancellor for Academic Affairs, vice chancellor for Business Affairs, and chancellor.
2. **UNC System Office Review Process and Feedback.** Throughout the review process, UNC Charlotte provided relevant information pertaining to program requirements and resources. The institution submitted appropriate documentation and research to support the statements made.

IV. Recommendation

Staff recommends that the UNC Board of Governors approve UNC Charlotte's request to establish the Bachelor of Science (BS) in Artificial Intelligence (CIP 11.0102) effective fall 2026.

[14] NC Agricultural and Technical State University has a newly approved BS in CIP 11.0102, but as of Spring 2025, has not enrolled students.

THE UNIVERSITY OF NORTH CAROLINA SYSTEM

Request for Authorization to Establish
Bachelor of Science (B.S.) in Construction Engineering
CIP 14.3301
University of North Carolina at Charlotte

I. Program Highlights

- The University of North Carolina at Charlotte proposes the establishment of a Bachelor of Science in Construction Engineering.
- The B.S. in Construction Engineering at UNC Charlotte aims to address the growing demand for skilled professionals in the construction industry, enhancing infrastructure and economic development. It bridges civil engineering design and field construction operation, preparing students for leadership roles in construction engineering. Projected enrollment in year five is 60 students.
- The proposed program is vital to meet the construction industry's talent shortage, particularly in Charlotte's booming market in which 157 people are moving to the region each day[1]. Strengths include the program's unique integration of civil engineering and construction management, a mandatory internship, and only two newly added courses, leveraging existing resources. The curriculum emphasizes new technology, leadership, and professional licensure, aligning with industry needs. The proposed program would also be one of the few accredited programs in this discipline in the Southeastern U.S.
- The program supports the university's commitment to serving a variety of students, including adult learners and veterans, by offering a high-demand degree that enhances career prospects. By addressing regional infrastructure needs[2], it contributes to community and economic development, aligning with myFutureNC's goal of increasing credential attainment[3]. The interdisciplinary approach strengthens UNC Charlotte's reputation as a top urban research institution, fostering innovation and industry partnerships.
- Outside of UNC Charlotte, five institutions within the UNC System offer B.S. degrees in Construction Management or Construction Project Management, with strong and increasing enrollments year over year.[4] NC State's B.S. in Construction Engineering degree has shown enrollment growth year over year.
- North Carolina is one of the largest construction markets in the U.S. and demand is high for professionals with both engineering problem-solving skills and construction management knowledge. Graduates will manage construction projects, applying skills in planning, surveying, quality management, and temporary structural design, with roles in engineering firms, construction companies, or public agencies. The program projects a better than 90 percent job placement rate upon graduation, based on our existing program experience.

[1] Business NC, July 24, 2025: https://mailchi.mp/businessnc/test-daily-digest-7302017-8937313?e=e7e9e56cc5
[2] Charlotte-area voters will be considering a comprehensive transportation plan ($25 billion over 30 years): https://www.charlotteobserver.com/news/politics-government/article309380380.html; https://www.bizjournals.com/charlotte/news/2025/07/24/charlotte-area-transit-system-tax-mtc-rail-roads.html
[3] Source: myFutureNC, 2025: https://www.myfuturenc.org/
[4] Fayetteville State University's B.S. in Construction Project Management, launched Fall 2024, does not yet have historical data and therefore is not included in the year over year data evaluation.

II. Academic Program Planning Criteria (UNC Policy 400.1)

1. **Relation to Campus Distinctiveness and Mission.** The B.S. in Construction Engineering enhances UNC Charlotte's distinctiveness as a leading urban research university by addressing regional infrastructure demands and fostering economic growth. It supports the UNC System's mission to improve quality of life through education by preparing graduates for high-demand construction careers, aligning with strategic goals of workforce development and economic impact. The program's affordability, access, and integration with existing Civil Engineering and Construction Management programs strengthens UNC Charlotte's interdisciplinary approach. Its focus on industry partnerships elevates the university's research profile in smart cities and disaster resilience. By serving underserved populations and leveraging Charlotte's construction market, it reinforces the university's commitment to local-to-global impact and myFutureNC's credential attainment goals, positioning UNC Charlotte as a key contributor to North Carolina's economic competitiveness.

2. **Student Demand.**

Table 1. Other UNC System Enrolled for CIP 14.3301 — Construction Engineering, Bachelors

Institution	AY2019-20	AY2020-21	AY2021-22	AY2022-23	AY2023-24	AY2024-25
NCSU	66	69	62	70	80	N/A

Table 2. Other UNC System Completions for CIP 14.3301 — Construction Engineering, Bachelors

Institution	AY2019-20	AY2020-21	AY2021-22	AY2022-23	AY2023-24	AY2024-25
NCSU	22	16	12	14	18	N/A

Table 3. IPEDS Peer Institutions Completions for CIP 14.3301 — Construction Engineering, Bachelors

Institution	AY2019-20	AY2020-21	AY2021-22	AY2022-23
Georgia Southern University	1	6	7	9
University of Texas at Arlington[5]	21	58	70	65

3. **Employment Opportunities for Graduates.** North Carolina is one of the largest construction markets in the U.S. Industry demand is high for professionals with both engineering problem-solving skills and construction management knowledge. Graduates of the proposed Construction Engineering program will be well-prepared for in-demand roles such as project engineer, field engineer, estimator, and superintendent with contractors, engineering firms, and public agencies. Graduates may also pursue licensure as Professional Engineers (PEs) and advance into leadership roles in the infrastructure, energy, and commercial construction sectors. For reference to the tables below, the Standard Occupational Classification (SOC) codes cross-walked to the 14.3301

[5] The University Catalog for University of Texas at Arlington indicates BS degrees in Construction Management and Architectural Engineering only: https://catalog.uta.edu/

CIP code include Architectural and Engineering Managers (11-9041), Cost Estimators (13-1051), Civil Engineers (17-2051), Engineers, All Other (17-2199), and Engineering Teachers, Postsecondary (25-1032).

Table 4. Median Wage for SOC Codes Cross-walked to CIP Code: 14.3301[6]

Educational Level Requirement	SOC Count	Median Wage
Some College or Associate Degree	N/A	N/A
Bachelor's Degree	4	$121,910 (Average of 13-1051, 11-9041, 17-2051, 17-2199)
Doctoral or Professional Degree	1	$119,340 (25-1032 Engineering Teachers)

Table 5. Estimated Employment in North Carolina for SOC Codes Cross-walked to CIP Code: 14.3301 with a Matching Education Level Requirement[7]

Education Level Requirement	Count of SOC Codes	2022 Baseline	2032 Estimate	Net Change	Percent Change
Bachelor's Degree	4	27,254	30,043	2,789	10.2%
Doctoral or professional degree	1	1,274	1,503	229	18%

4. **Impact on Access and Affordability.** The program will expand access to high-demand careers with strong earning potential. Tuition will align with standard UNC Charlotte undergraduate rates, ensuring affordability. Graduates entering roles such as construction managers or civil engineers (median salary $104,900 per Bureau of Labor Statistics) will see favorable debt-to-earnings outcomes. Based on average in-state tuition and modest borrowing, estimated debt service would represent less than 3 percent of annual income, making the degree a high return-on-investment option for students. The program's applied, career-focused curriculum will reduce time-to-employment and support low debt-to-earnings ratios, promoting socioeconomic outcomes and return on investment for students.

5. **Program Specific Fees or Tuition**. The existing major fee ($300) in the William States Lee College of Engineering will apply to students in the BS in Construction Engineering.

Table 6. Full-Time Undergraduate 2025-2026 Tuition and Fees per Year (In Dollars)

Category	Resident	Non-Resident
Tuition	$3,812.00	$20,018.00
Tuition Differential	N/A	N/A

[6] Source: Bureau of Labor Statistics National Median, 2024: https://www.bls.gov/oes/current/oes_nat.htm
[7] Source: NC Department of Commerce, 2022: https://analytics.nccommerce.com/Projections/occ/index.html

Mandatory Fees (Athletics, Student Activities, Health Services, Educational & Technology, Campus Security, Debt Service, ASG)	$3,285.00	3,285.00
Special Fees (major fee)	$300.00	$300.00

6. **Expected Quality.** The program's quality is ensured through a 120-credit-hour curriculum, including a mandatory internship and only two new courses, leveraging existing Civil Engineering and Construction Management resources. It aligns with the Accreditation Board for Engineering and Technology (ABET) accreditation standards, emphasizing outcomes such as communication, critical thinking, and project management, assessed via capstone and internship projects. Unique features include industry-aligned training and technology which UNC Charlotte achieves through experienced faculty, robust facilities (e.g., construction labs), and a joint department administration model. Regular ABET evaluations and industry advisory board input ensure continuous improvement in order to deliver graduates ready for professional licensure and leadership roles.

7. **Faculty Quality and Number.** The program leverages existing faculty from Civil and Environmental Engineering and Engineering Technology and Construction Management, with no new hires needed initially. Twenty-eight faculty members, including Ph.D.-holding professors and industry domain experts, ensure high-quality instruction across the curriculum. Adjunct faculty and teaching assistants will handle increased loads, maintaining research and teaching balance without impacting existing programs.

8. **Relevant Lower-level and Cognate Programs.** The program builds on UNC Charlotte's existing Civil Engineering, Civil Engineering Technology, and Construction Management programs, along with shared courses in mathematics, physics, chemistry, and other general education subjects. These programs provide foundational expertise in engineering fundamentals, materials, and management, enabling seamless integration and leveraging established faculty and curriculum to support specialized construction engineering training.

9. **Availability of Campus Resources (Library, Facilities, etc.).** Existing campus resources, including J. Murrey Atkins Library's extensive holdings and shared facilities (e.g., construction material testing, surveying labs), are sufficient for the program. No new physical spaces or infrastructure are needed for years one to five, as the program uses existing Civil Engineering and Construction Management labs. No additional funding is required, ensuring cost-effective implementation.

10. **Existing Programs (Number, Location, Mode of Delivery).** Within the UNC System, only NC State offers a B.S. in Construction Engineering, located in Raleigh with a site-based option in Havelock (Craven Community College). The program is delivered in person, ABET-accredited, and focuses on construction engineering and project management. No other UNC System institution offers a standalone B.S. in Construction Engineering.

Table 7. Other UNC System Applied/Admitted /Enrolled for CIP 14.3301 — Construction Engineering

Institution	Degree Level	Counts	AY (2022-23)	AY (2023-24)

NCSU	Bachelor's	Applied	20	34
NCSU	Bachelor's	Admitted	1	11
NCSU	Bachelor's	Enrolled	1	11

11. **Potential for Unnecessary Duplication.** The B.S. in Construction Engineering at UNC Charlotte is distinct from NC State's program, the only other such program in the UNC System, by emphasizing a balanced integration of construction, engineering, and management concepts, experiential learning through a mandatory internship, and alignment with Charlotte's regional workforce needs. Consultation with NC State University confirmed no concerns about duplication and highlighted complementary goals. North Carolina's job-to-enrollment ratio is twice the average of comparable states, indicating a 50 percent enrollment gap. UNC Charlotte's 80 percent acceptance rate versus NC State's 47 percent enhances access for students, addressing unmet demand. The program's affordability, leveraging of existing resources, and focus on technology further differentiate it, ensuring no unnecessary duplication while meeting regional and statewide workforce needs.

12. **Feasibility of Collaborative Program**. Collaboration opportunities include graduate pathways, articulation agreements, research partnerships, and national network engagement. Many UNC Charlotte Civil Engineering graduates pursue advanced degrees; a trend expected for Construction Engineering graduates. Articulation agreements with North Carolina community colleges will streamline transfer pathways and boost enrollment. Research collaborations with peer institutions like NC State, East Carolina University, Western Carolina University, and Virginia Tech will focus on joint funding proposals and faculty development in areas such as smart cities. Joining national organizations like the Associated Schools of Construction and Construction Industry Institute will foster collaborative research, competitions, and best-practice sharing. These formalized partnerships will enhance program quality, student opportunities, and industry alignment, without requiring new resources.

III. Summary of Review Processes

1. **Institution Review Process and Feedback.** The proposed program was reviewed and approved by the Dean of the William States Lee College of Engineering, the Undergraduate College and Curriculum Committee, and Faculty Council at UNC Charlotte. Leadership support and approval for the proposed program includes the Provost and Vice Chancellor for Academic Affairs, Vice Chancellor for Business Affairs, and Chancellor.

2. **UNC System Office Review Process and Feedback.** Throughout the review process, UNC Charlotte provided relevant information pertaining to program requirements and resources. The institution submitted appropriate documentation and research to support the statements made.

IV. Recommendation

Staff recommends that the UNC Board of Governors approves the UNC Charlotte request to establish the Bachelor of Science (BS) in Construction Engineering (CIP 14.3301) effective fall 2026.

Request for Authorization to Establish
Master of Science (MS) in Artificial Intelligence
CIP 11.0102
University of North Carolina at Charlotte

I. Program Highlights

- The University of North Carolina at Charlotte proposes the establishment of a Master of Science (MS) in Artificial Intelligence.
- The proposed Master of Science in Artificial Intelligence provides students with advanced skills and knowledge in planning, design, development, implementation, testing, and management of artificial intelligence (AI) systems, applications, and infrastructures. Graduates with this degree will possess comprehensive training in core mathematics and AI algorithms, the AI software lifecycle, and ethical considerations, as well as communication and teamwork. Year five enrollment is estimated to be 200 students.
- There are no M.S in AI degrees (CIP 11.0102) currently offered within the UNC System. With fewer than 1,000 MS in AI degrees awarded nationally in 2023, and none from UNC System institutions, the proposed program fills a critical educational and workforce gap in North Carolina.
- The proposed program will develop technical AI leaders ready for an "AI-first" workforce, beginning with a course that gives students immediate exposure to real-world AI applications. Next, students choose from advanced clusters such as machine learning, human-AI interaction, robotics and decision-making, AI system design, and AI security — providing both depth and flexibility.
- The proposed program aligns with the university's following three pillars: (1) Transform Students' Lives Through Educational Opportunity and Excellence; (2) Power the Future Through Inquiry, Research, and Creative Discovery; and (3) Drive Progress for North Carolina and Beyond**.**
- Graduates from this program will be well-positioned for careers in AI, data science, and machine learning across multiple sectors, including finance, consulting, technology, cybersecurity, IT infrastructure, and energy. NCWorks.gov[1] reveals statewide, there are over 2,600 AI-related job listings across various industries, and in Charlotte there are more than 1,000 job openings, demonstrating a strong local demand. Nationally, according to Lightcast (2024): "Generative AI job postings have increased 15,625 percent from 2021 to 2024." [2]

II. Academic Program Planning Criteria (UNC Policy 400.1)

1. **Relation to Campus Distinctiveness and Mission.** Enrollment in AI-related programs, particularly the graduate certificate in applied artificial intelligence, has grown more than sixfold since 2021, driven largely by domestic students aged 31–35. The university has already made significant contributions to AI research, with advancements in AI and mixed reality in the Human Centered

[1] NCWorks.gov. (2025, February 24). Job search results for "Artificial Intelligence". Retrieved from https://www.ncworks.gov

[2] Lightcast. (2024). *The Speed of Skill Change*. Retrieved February 2025, from https://lightcast.io/resources/research/speed-of-skill-change.

Computing Lab, and machine learning in the "https://charlotteml.github.io/"CharMLab, and in the Center for Computational Intelligence to Predict Health & Environmental Risks (CIPHER). These research efforts position UNC Charlotte as a key player in AI innovation, with the opportunity for students to engage in research through the thesis option in the M. These research efforts position UNC Charlotte as a key player in AI innovation, with the opportunity for students to engage in research through the thesis option in the MS degree.Center for Computational Intelligence to Predict Health & Environmental Risks (CIPHER). These research efforts position UNC Charlotte as a key player in AI innovation, with the opportunity for students to engage in research through the thesis option in the MS degree.S degree.Center for Computational Intelligence to Predict Health & Environmental Risks (CIPHER). These research efforts position UNC Charlotte as a key player in AI innovation, with the opportunity for students to engage in research through the thesis option in the MS degree.

2. The program supports the UNC System's mission by aligning with the following three pillars: (1) Student Success, (2) Affordability and Efficiency, and (3) Economic Impact and Community Engagement. The *Burtch Works 2024 Data Science & AI Professionals Salary Report* found that "80 percent of all Data Science and AI professionals surveyed held an advanced degree. Education level has historically had a marked effect on salary."[3]

3. **Student Demand.**

Table 1. Other UNC System Enrolled for CIP 11.0102 — Artificial Intelligence and Robotics, MS

Institution	AY2019-20	AY2020-21	AY2021-22	AY2022-23	AY2023-24	AY2024-25
None	N/A	N/A	N/A	N/A	N/A	N/A

Table 2. Other UNC System Completions for CIP 11.0102 — Artificial Intelligence and Robotics, MS

Institution	AY2019-20	AY2020-21	AY2021-22	AY2022-23	AY2023-24	AY2024-25
None	N/A	N/A	N/A	N/A	N/A	N/A

Table 3. IPEDS Peer Institutions Completions for CIP 11.0102 — Artificial Intelligence and Robotics, MS

Institution	AY2019-20	AY2020-21	AY2021-22	AY2022-23
Florida Atlantic University	NA	4	11	30

4. **Employment Opportunities for Graduates.** According to the U.S. Bureau of Labor Statistics, generative AI job postings have increased significantly. AI skills are essential in cybersecurity, IT infrastructure, and digital transformation, with health care and finance experiencing a surge in AI-driven automation and innovation.[4] The Standard Occupational Classification (SOC) codes linked to the 11.0102 AI and Robotics CIP code, according to the U.S. Department of Ed CIP-SOC crosswalk, are as follows: computer and information science researchers (15-1221), software developers (15-1252), data scientists (15-2051), and postsecondary computer

[3] Burtch Works. (2024). Data Science & AI Professionals Salary Report (p. 19). Retrieved from https://www.burtchworks.com/salary-2024.

[4] Bureau of Labor Statistics, "Industry and Occupational Employment Projections Overview and Highlights, 2023–33," Monthly Labor Review, U.S. Department of Labor, 2024, https://www.bls.gov/opub/mlr/2024/article/industry-and-occupational-employment-projections-overview-and-highlights-2023-33.htm.

science teachers (25-1021).

Table 4. Median Wage for SOC Codes Cross-walked to CIP 11.0102 — Artificial Intelligence and Robotics, M.S.[5]

Educational Level Requirement	SOC Count	Median Wage
Some College or Associate Degree	N/A	N/A
Bachelor's Degree	2	$124,900[6]
Master's Degree	1	$132,560
Doctoral or Professional Degree	1	$86,080

Table 5. Estimated Employment in North Carolina for SOC Codes Cross-walked to CIP Code: 11.0102with a Matching Education Level Requirement

Education Level Requirement	Count of SOC Codes	2022 Baseline	2032 Estimate	Net Change	Percent Change
Bachelor's Degree	2	31,309	41,686	10,377	33%
Master's Degree	1	382	510	128	33.5%
Doctoral or Professional Degree	1	1,368	1,527	159	11.6%

5. **Impact on Access and Affordability.** The graduates of the proposed program will benefit from a favorable debt-to-earnings ratio and will quickly benefit financially from their participation in the program. According to the *Burtch Works 2024 Data Science & AI Professionals Salary Report,*[7] the average entry-level AI professional (nonmanager) earned $117,000 in 2024, up from $110,000 in 2023. This number corresponds to the average median wages of all cross-[8] According to the Department of Education's College Scorecard, the typical yearly loan payment for a UNC Charlotte MS[9] With an estimated annual salary of $117,000 in AI professions, this corresponds to an average debt-to-earnings ratio of 3.4 percent.

6. **Program Specific Fees or Tuition**. UNC Charlotte is requesting a tuition differential for this program. The existing major fee ($225) in the College of Computing and Informatics (CCI) will also apply to students in the MS in Artificial Intelligence.

Table 6. Full-Time Graduate 2025-2026 Tuition and Fees per Year (In Dollars)

Category	Resident	Nonresident
Tuition	$4,841	$20,627
Tuition Differential	$4,800	$4,800
Mandatory Fees (Athletics,	$3,285	$3,285

[5] Source: Bureau of Labor Statistics National Median, 2024: https://www.bls.gov/oes/current/oes_nat.htm

[6] Average of $132,000 and $118,000

[7] Burtch Works. (2024). Data Science & AI Professionals Salary Report (p. 19). Retrieved from https://www.burtchworks.com/salary-2024.

[8] Source: Bureau of Labor Statistics National Median, 2024: https://www.bls.gov/oes/current/oes_nat.htm

[9] Source: https://collegescorecard.ed.gov/ . Retrieved on 7/24/2025.

Student Activities, Health Services, Educational & Technology, Campus Security, Debt Service, ASG)		
Special Fees (major fee)	$225	$225

7. **Expected Quality.** The proposed MS in Artificial Intelligence program curriculum requires 30 credit hours of study with 12 core courses, nine technical courses organized into various clusters (Machine Learning, Robotics & Decision-Making, Human-AI Interaction, AI System Design, and AI Security clusters), six elective credits, and three capstone credits. The program takes advantage of existing computer science courses and labs that are already offered as a part of the MS in Computer Science while developing new courses that offer a hands-on approach to designing, building, and deploying advanced AI systems. No new lab equipment or facilities are required.

8. **Faculty Quality and Number.** The College of Computing and Informatics (CCI) currently has 40 faculty members engaged in teaching and research related to artificial intelligence, representing three departments: Computer Science, Software and Information Systems, and Bioinformatics. These faculty span all academic ranks, including 14 professors, seven associate professors, 12 assistant professors, and seven teaching professors. This mix ensures a strong balance of research depth and teaching focus, with senior research faculty driving innovation and teaching professors supporting high-quality instruction across the curriculum.

9. **Relevant Lower-level and Cognate Programs.** The proposed MS in AI builds on UNC Charlotte's strong foundation in AI education, faculty expertise, and ongoing research innovation. Within the program, strong student enrollment in the AI, Robotics, and Gaming concentration and AI-focused courses (Natural Language Processing, Machine Learning, Computer Vision, and Robotics), 600 and 100 students, respectively, reflects significant interest in AI-related study. The MS in AI will allow these faculty to go beyond teaching applications of AI and focus more intensively on the design, development, and deployment of advanced AI systems. This focus will give these students a more specialized and applied knowledge in artificial intelligence.

10. **Availability of Campus Resources (Library, Facilities, etc.).** Existing campus resources, including J. Murrey Atkins Library's extensive holdings, are adequate to support student research for this program. Facilities are currently available for the AI program staff on the campus of UNC Charlotte in Woodward Hall, Bioinformatics building, and will be available in the Burson building after the already proposed, approved, and planned renovations/expansion. All faculty have private offices, conference rooms, and workspaces throughout the College of Computing and Informatics. Renovations are also planned throughout the college, providing additional capacity to support the AI program.

11. **Existing Programs (Number, Location, Mode of Delivery).**

Table 7. Other UNC System Applied/Admitted /Enrolled for CIP 11.0102 — Artificial Intelligence and Robotics

Institution	Degree Level	Counts	AY (e.g., 22-23)	AY (e.g., 23-24)
NC Agricultural and Technical State	Bachelor's/BS	Applied	N/A	N/A

University (N.C. A&T)[10]				
N.C. A&T	Bachelor's/BS	Admitted	N/A	N/A
N.C. A&T	Bachelor's/BS	Enrolled	N/A	N/A

12. **Potential for Unnecessary Duplication.** The proposed program will be the first and only master's degree in AI (CIP 11.0102) in the UNC System.

13. **Feasibility of Collaborative Program**. During program development, UNC Charlotte consulted with N.C. A&T State University, whose Department of Computer Science is establishing an undergraduate AI program. The MS in AI program leadership will explore Credit by Examination for applicants with relevant coursework or industry experience and pursue undergraduate-level transfer credit agreements where appropriate. CCI also anticipates ongoing research collaborations with N.C. A&T and other UNC institutions as opportunities align with program goals and faculty expertise.

II. Summary of Review Processes

1. **Institution Review Process and Feedback.** The proposed program was reviewed and approved by the dean and associate dean of the College of Computing and Informatics, department chair for Computer Science, the dean of the Graduate School, Graduate Council, and the Faculty Council. Leadership support and approval for the proposed program includes the provost and vice chancellor for Academic Affairs, vice chancellor for Business Affairs, and chancellor.

2. **UNC System Office Review Process and Feedback.** Throughout the review process, UNC Charlotte provided relevant information pertaining to program requirements and resources. The institution submitted appropriate documentation and research to support the statements made.

III. Recommendation

Staff recommend that the UNC Board of Governors approve the UNC Charlotte request to establish the Master of Science (MS) in Artificial Intelligence (CIP 11.0102) effective fall 2026.

[10] NC Agricultural and Technical State University has a newly approved BS in CIP 11.0102, but as of Spring 2025, has not enrolled students.

Request for Authorization to Discontinue and/or Consolidate

Academic Degree Programs

East Carolina University — Master of Arts in International Studies (MA)

(CIP 30.2001)

Overview: The Master of Arts in International Studies (30.2001) at East Carolina University will be discontinued effective fall 2025. This request to discontinue a degree program has been reviewed by the appropriate institutional committees and approved by the appropriate academic authority(ies).

The request to discontinue the Master of Arts in International Studies is due to insufficient resources for core course offerings. No faculty or staff members will be affected by the discontinuation of the program. The program currently has two enrolled students, and no additional students will be admitted. Students maintaining satisfactory academic progress are expected to complete the program by 2026.

Recommendation: It is recommended that the Board of Governors approve East Carolina University's request to discontinue the delivery of the Master of Arts in International Studies (30.2001) effective fall 2025.

Request for Authorization to Discontinue and/or Consolidate

Academic Degree Programs

East Carolina University – Master of Arts in Education in Physical Education (MAEd - PE)

(CIP 13.1314)

Overview: The Master of Arts in Education in Physical Education (13.1314) at East Carolina University will be discontinued and consolidated effective fall 2025. This request to discontinue the degree program has been reviewed by the appropriate institutional committees and approved by the appropriate academic authority(ies).

The Master of Arts in Education in Physical Education (13.1314) will be discontinued and consolidated into the Master of Science in Kinesiology (31.0505). This action is being requested due to low enrollment. No faculty or staff members will be affected by the discontinuation and consolidation of the program. Enrolled students will matriculate through their current plan of study to complete the program.

Recommendation: It is recommended that the Board of Governors approve East Carolina University's request to discontinue the Master of Arts in Education in Physical Education (13.1314) effective fall 2025.

Request for Authorization to Discontinue and/or Consolidate

Academic Degree Programs

University of North Carolina Wilmington – Bachelor of Arts in Environmental Science (BA)

(CIP 03.0104)

Overview: The Bachelor of Arts in Environmental Science (03.0104) at the University of North Carolina Wilmington will be discontinued and consolidated effective fall 2025. This request to discontinue the degree program has been reviewed by the appropriate institutional committees and approved by the appropriate academic authority(ies).

The Bachelor of Arts in Environmental Science will be discontinued and consolidated into the Bachelor of Science in Environmental Sciences (03.0104). This action is being requested as an effort to align the programs with related content areas for greater efficiency and effectiveness. No faculty or staff members will be affected by the discontinuation and consolidation of the program. Enrolled students will matriculate through their current plan of study to complete the program. The Bachelor of Science in Environmental Sciences will be the only program available to newly admitted students.

Recommendation: It is recommended that the Board of Governors approve the University of North Carolina Wilmington's request to discontinue and consolidate the Bachelor of Arts in Environmental Science (03.0104) effective fall 2025.