NC State Board of Trustees

University Affairs Committee Meeting

February 17, 2022

Winslow Hall Conference Room
Meeting Agenda

1:30pm

1. Call to Order, Public Meeting Notice, Reading of Ethics Statement
   Dewayne Washington, Chair
   A. Ethics Statement

2. Roll Call
   Amy Jinnette, Board Professional

3. Consent Agenda

   A. Approval of November 11, 2021 Open Meeting Minutes

      a. UAC Minutes 11/11/21 OPEN SESSION

   B. Approval of November 11, 2021 Closed Meeting Minutes

   C. Designation of Time Limited Option for Distinguished Professorships

      a. BOT Designation of Distinguished Professorships 02/2022

   D. Conferral of Academic Tenure Requests

   E. Center and Institute Continuation Requests

      a. North Carolina Clean Energy Technology Center (NCCETC)
b. Center for Turfgrass Environmental Research and Education (CENTERE)

4. Requested Action Items

A. Credit Hour Exception Request: Request to Increase Degree Credit Hours Above 120
Warwick Arden, Executive Vice Chancellor and Provost

a. B.S. in Civil Engineering

Action Item for Committee and Full Board

5. Reports

A. Graduation Update
Don Hunt, Senior Vice Provost for Enrollment Management and Services

a. Graduation Update 02/17/2022

B. Centers and Institutes Biennial Report
Jonathan M. Horowitz, Associate Vice Chancellor for Research

a. Centers and Institutes Biennial Report 02/17/2022

C. Student Body President Report
McKenzy Heavlin, Student Body President

a. Student Body President Report 02/17/2022

D. Provost Update
Warwick Arden, Executive Vice Chancellor and Provost

a. Update on Academic Programs

a. Dual Degree in Master of Science in Chemical Engineering with the University of Bologna

b. Update on Leadership Position Searches

a. Dean-CED-Job-Prospectus.pdf
b. Dean-CVM-Job-Prospectus.pdf

c. Update on Other Initiatives

6. Committee Discussion

7. Closed Session

8. Reconvene in Open Session

9. Adjourn
Dewayne Washington, Chair
NORTH CAROLINA STATE ETHICS COMMISSION

SAMPLE

ETHICS AWARENESS & CONFLICT OF INTEREST REMINDER

(to be read by the Chair or his or her designee at the beginning of each meeting)

In accordance with the State Government Ethics Act, it is the duty of every [Board] member to avoid both conflicts of interest and appearances of conflict.

Does any [Board] member have any known conflict of interest or appearance of conflict with respect to any matters coming before the [Board] today?

If so, please identify the conflict or appearance of conflict and refrain from any undue participation in the particular matter involved.

Rev. 1-16-07

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1 N.C.G.S. §138A-15 (e): “At the beginning of any meeting of a board, the chair shall remind all members of their duty to avoid conflicts of interest and appearances of conflict under [Chapter 138A].” There is no set language required by the Act. Specific language can and should be tailored to fit the needs of each covered board as necessary.

2 “A public servant shall take appropriate steps, under the particular circumstances and considering the type of proceeding involved, to remove himself or herself to the extent necessary, to protect the public interest and comply with this Chapter, from any proceeding in which the public servant’s impartiality might reasonably be questioned due to the public servant’s familial, personal, or financial relationship with a participant in the proceeding.” See N.C.G.S. §138A-36 (c). If necessary, the Chairman or individual member involved should consult with his ethics liaison, legal counsel, or the State Ethics Commission to help determine the appropriate response in a given situation.
CONSENT
AGENDA
ITEMS
OPEN SESSION MINUTES

University Affairs Committee
Board of Trustees
North Carolina State University
November 11, 2021

The University Affairs Committee of the Board of Trustees of North Carolina State University held a meeting in-person in Winslow Hall Conference Room and via Zoom teleconferencing on November 11, 2021.

Members Present: Dewayne Washington, Committee Chair
Ann Goodnight
McKenzy Heavlin
David Herring
Tim Humphrey
Perry Safran

Chair Washington called the meeting to order at 1:45 p.m. The roll was called and a quorum was present.

Chair Washington reminded all attendees that this is a public meeting but not a meeting for public comment and read the State Government Ethics Act to remind all members of their duty to report conflicts of interest or appearances of conflict.

He continued by acknowledging the passing of Trustee General Raymond Odierno. Although Trustee General Odierno had only just begun his service on the Board, his respect for the position and his love for NC State were apparent. In honor of Veterans Day, Chair Washington also acknowledged and thanked those who have served and are serving in our military.

Consent Agenda
Chair Washington reviewed the list of items on the consent agenda which included approval of the September 9, 2021 open and closed session minutes; a time limited option for a distinguished professorship; and conferral of tenure to a new faculty member. A motion was made by Trustee Goodnight, and seconded by Trustee Humphrey, to approve the consent agenda. Chair Washington called for a vote by roll call.

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<tr>
<td>Washington</td>
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The motion passed.

Request Action Items
Tuition and Fees
Chancellor Woodson began the discussion on tuition and fees by reviewing the UNC System Office 2022-23 Campus Initiated Tuition and Fee Adjustment instructions which state that no tuition increases are allowed for resident students, and market driven tuition increases are allowed for nonresident students. Chancellor Woodson stated his support for two recommendations from the Tuition Review Advisory Committee for the 2022-2023 year. The Tuition Review Advisory Committee was co-chaired by Provost Warwick Arden and Student Body President McKenzy Heavlin.

First, the Chancellor stated his support of the 2022-2023 Campus-Initiated Tuition Increase (CITI) recommendations as follows:

- 0% Undergraduate Residents
- 3.5% ($956) Undergraduate Nonresidents
• 0% Graduate Residents
• 4.5% ($1,219) Graduate Nonresidents

The additional tuition revenue would be used to contribute to need-based Financial Aid; to provide funding to the Graduate Student Support Plan; to improve the quality and accessibility of the NC State educational experience; and to provide funding for faculty promotional increases.

Second, the Chancellor stated his support for the Tuition Review Advisory Committee’s recommendation for premium tuition proposals for the following two degree programs.
• A new tuition premium of $2,000 per year effective fall 2022 for the Master of Microbial Biotechnology degree program and
• A tuition premium increase of $5,000 per year effective fall 2022 for the Doctor of Veterinary Medicine degree program.

The committee was reminded that premium tuition is an additional tuition amount charged to students in a particular program that is above and beyond what others pay. The tuition revenues stay within the program for programmatic needs. It is unclear at this time whether premium tuition increases will be allowed for graduate resident students; thus, the committee was informed that this recommendation may need to be modified going forward. Justifications for both proposals were included in the meeting materials. In addition, Dean Paul Lunn from the College of Veterinary Medicine was present to answer questions about the premium tuition for the Doctor of Veterinary Medicine degree program.

Trustee Humphrey made a motion to recommend to the full board approval of the 2022-2023 campus initiated tuition increase recommendations and premium tuition increase recommendations as outlined in Chancellor Woodson’s recommendation. Trustee Heavlin seconded the motion. Chair Washington called for a vote by roll call.

Goodnight AYE
Heavlin AYE
Herring AYE
Humphrey AYE
Safran AYE
Washington AYE

The motion passed.

Chancellor Woodson continued by reviewing the UNC System Office 2022-2023 instructions on fee adjustments. Mandatory fees are to remain flat unless a proposed increase is offset by a commensurate decrease to another fee, resulting in no net fee increase (excludes expiring debt service fees). The Chancellor stated his support for the Fee Review Committee’s recommendations for the following fee changes. The Fee Review Committee was co-chaired by Vice Chancellor and Dean of DASA Doneka Scott and Student Senate President Molly Vanhoy.

• Student Center Operations fee increase of +$24.00/year
• Student Center Programming fee decrease of -$2.00/year
• University Wellness and Recreation fee increase of +$6.65/year
• Transit Operations (Bus Service) fee increase of +$4.00/year
• Student Health Service – Debt Service Fee decrease of -$35.00/year
• Total fee decrease of -$2.35/year, from $2,595.60/year to $2,593.25/year

Trustee Safran made a motion to recommend to the full board approval of the 2022-2023 student fee changes as outlined in Chancellor Woodson’s recommendation. Trustee Humphrey seconded the motion. Chair Washington called for a vote by roll call.
University Affairs Committee
North Carolina State University
Board of Trustees
November 11, 2021
Page 3

Goodnight       AYE
Heavlin         AYE
Herring         AYE
Humphrey        AYE
Safran          AYE
Washington      AYE

The motion passed.

Finally, Chancellor Woodson discussed the University Dining and Housing rate requests for academic year 2022-2023 as listed in the tables included at the end of the BOT tuition and fees packet.

Trustee Humphrey made a motion to recommend to the full board approval of the 2022-2023 student housing and dining rate requests. Trustee Heavlin seconded the motion. Chair Washington called for a vote by roll call.

Goodnight       AYE
Heavlin         AYE
Herring         AYE
Humphrey        AYE
Safran          AYE
Washington      AYE

The motion passed.

Bonus Structure
Director of Athletics Boo Corrigan discussed an amendment to the bonus structure for gymnastics assistant coaches. The amendment adds a bonus for finishing outright EAGL regular season champions. Trustee Humphrey moved to approve the bonus structure as presented. Trustee Herring seconded the motion. Chair Washington called for a vote by roll call.

Goodnight       AYE
Heavlin         AYE
Herring         AYE
Humphrey        AYE
Safran          AYE
Washington      AYE

The motion passed.

Reports
Faculty Senate Report
Dr. RaJade Berry-James, Chair of the Faculty, provided an update on Faculty Senate activities. In September, the Faculty Senate passed a resolution supporting a COVID-19 vaccine mandate at NC State for faculty, staff and students with on-campus responsibilities. Faculty continue to work with university leaders to keep students safe and classrooms face-to-face. As of October 6, 2021, 95% of faculty have uploaded vaccine records or have been fully vaccinated on campus. The Faculty Senate met with Dr. Julie Casani, Student Health Services Director and Medical Director, to discuss the university contract tracing protocols for close contacts that may occur between students and faculty in the classroom. The Fall General Faculty meeting was held virtually on October 12 with "NC State: Improving the Lives of North Carolinians" as the discussion topic. Dr. Michael Walden, Distinguished Professor Emeritus, and expert on the state economy and public policy, moderated the discussion.

Staff Senate Report
Helen DiPietro, Chair of the Staff Senate, provided the Staff Senate report. The Staff Senate is in its 26th year, represents over 6,300 employees and continues to encourage a sense of community and engagement among all university employees. Chair DiPietro noted that donations of laptops from departments or individuals for the Staff Senate's Computer Loan Program would be greatly appreciated. The program provides computers to employees who may have limited opportunities to develop computer skills and who want to take classes; a waitlist continues for the program. The Staff Senate continues to advertise, promote and support monthly events including the Professional Development Fair which was
University Affairs Committee
North Carolina State University
Board of Trustees
November 11, 2021
Page 4

held on October 4, 2021 with over 200 participants attending via Zoom and the upcoming combined food, coat and Toys for Tots drive to be held November 8-December 10, 2021. The Staff Senate passed a resolution to change the lyrics of the Alma Mater and adopted a resolution in support of the UNC System Staff Assembly’s advocacy to the UNC System Office for the elimination of the approval process for SHRA salaries greater than 20%. The Staff Senate continues to address staff concerns related to vaccinations, weekly testing, pay raises and promotions.

Chancellor Woodson shared that Mark B. Templeton will deliver the keynote address at the December 14, 2021 commencement ceremony. Before retiring in 2015, Mr. Templeton was president, CEO and director of Citrix Systems, a leader in software for enabling a digital, virtual and collaborative workplace. Today, he serves as a board member on public and private companies and advises entrepreneurial teams at all levels of development. Mr. Templeton graduated from NC State in 1975 with a bachelor’s degree in product design. He earned his MBA from the University of Virginia in 1978.

Provost Update
In his report, Provost Arden informed the committee of several organizational changes coming to the Office of the Executive Vice Chancellor and Provost. Dr. Duane Larick, Senior Vice Provost for Academic Strategy and Resource Management and Chief of Staff will be retiring effective January 1, 2022 after 37 years of serve at the university. In addition, Dr. Tom Miller who stepped down as Senior Vice Provost for Academic Outreach and Entrepreneurship in 2021 to focus on leading NC State Entrepreneurship will be retiring from NC State on July 1, 2022 after nearly 40 years of service. In light of these two retirements and new initiatives to achieve the university strategic plan goals, the Provost outlined several organizational changes being made to the office to better support the university’s future. He also announced that Dr. Debbie Acker has been named permanent director of NC State’s Shelton Leadership Center.

Provost Arden concluded his report by providing an annual update on faculty retentions. After seeing a decrease in recent years, the number of requests is marginally increasing. The good news is the university is still successful in retaining faculty members. Over the past ten years, NC State has made 139 counteroffers and 260 pre-emptive retention offers. Sixty-four percent (64%) of counteroffers were successful and 94% of the pre-emptive retentions were successful. The overall success rate of counter offers and pre-emptive retentions was 83% over this ten year period.

Closed Session
With no further business in open session, at 3:01 p.m. Board Professional Amy Jinnette read the motion to go into closed session to prevent the premature disclosure of an honorary degree or award; to establish the material terms of an employment contract and to consider the qualifications, competence, performance, character, fitness, conditions of appointment or conditions of initial employment of an employee or prospective employees. Trustee Humphrey made the motion to approve and was seconded by Trustee Herring. Chair Washington called for a vote by roll call.

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The motion passed.
Reconvene in Open Session

After coming out of closed session, Chair Washington announced the meeting in open session.

Trustee Safran made a motion to approve the Addendum to the Employment Agreement for the Head Coach of Gymnastics. Trustee Goodnight seconded the motion. Chair Washington called for a vote by roll call.

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The motion passed.

With no further business, Chair Washington announced the meeting adjourned at 3:13 p.m.

Submitted by ________________________________

Secretary to the Committee

Approved by ________________________________

Chair of the Committee
Designation of Time Limited Option for Distinguished Professorships

Background: Donors who endow a distinguished professorship at NC State University may elect to pursue matching funds available through the state’s Distinguished Professors Endowment Trust Fund (DPETF). In accordance with state statutes, as well as University of North Carolina system and NC State University policies, the NC State University Board of Trustees is authorized to designate that endowed distinguished professorships seeking DPETF matching funds may be time limited.

We request this designation from the BOT when a donor agreement indicates intent that a distinguished professorship be awarded, or potentially awarded, at a rank other than professor (i.e. assistant, associate professor) and/or for a period other than an individual’s full career.

This designation provides the University with the maximum flexibility in awarding the distinguished professorship over time. Still, the overwhelming majority of NC State’s distinguished professorships are offered to professors for the duration of their career at NC State.

Recommended Action: We request designation of the following distinguished professorships which may be time limited:

1. Dr. J. McNeely and Lynne K. DuBoise Distinguished Professorship in Musculoskeletal Health, College of Veterinary Medicine, $1.5M endowment
2. Glenn E. and Phyllis J. Futrell Distinguished Professorship in Civil, Construction and Environmental Engineering #2, $1M endowment

Policy References:
UNC Policy 600.2.3 - Distinguished Professors Endowment Trust Fund
NCSU Policy 01.05.01 – Board of Trustees Bylaws
NCSU Regulation 05.20.17 – Professorships of Distinction
MEMORANDUM

TO: W. Randolph Woodson
    Chancellor
    NC State University

FROM: Mladen Vouk
    Vice Chancellor for Research and Innovation
    NC State University

SUBJECT: Recommendation to continue the NC Clean Energy Technology Center (NCCETC) under Regulation 10.10.04

DATE: January 5, 2022

The NC Clean Energy Technology Center (NCCETC) was established by the UNC System Board of Governors in September 1993 as a UNC System-sanctioned Center administered by NC State’s College of Engineering (COE). NCCETC’s mission is to advance a sustainable energy economy by educating, demonstrating and providing support for clean energy technologies, practices, and policies.

In accordance with NC State Reg. 10.10.04, a Periodic Review of Center activities in fiscal years 2013–2020 was completed by an external Review Team on June 9, 2021. Following the receipt of the Review Team’s report, a detailed response from the Center and a request for continuance from the COE, this memo requests your approval of continuance.

The Report delivered by the Review Team strongly supports the mission and direction of the Center. The Report states that NCCETC “outputs are highly valued, well-regarded, and sought after by external stakeholders. An example output is the nationally recognized DSIRE database, which tracks incentives for energy efficiency and renewable energy ranging from local municipalities to the federal level. In addition, the Center produced a model solar ordinance that has been widely used by municipalities across the state.” Additionally, the Review Team states that “while the Center focuses on having a positive impact in North Carolina, its impact extends well-beyond the state.”

The Review Report provides a number of broad recommendations to ensure that the Center continues to be impactful despite significant reductions in state funding. Recommendations include: (i) initiating a strategic planning process that will chart a path forward, (ii) develop metrics to judge performance and provide accountability, and (iii) re-double efforts to increase faculty and student involvement.

The Office of Research and Innovation recommends that NCCETC should continue as a University Center as sanctioned by the NC State Board of Trustees, and requests your approval of this recommendation.

MAV/mh

cc: Louis Martin-Vega, Dean, College of Engineering
    John Gilligan, Executive Associate Dean
    Stephen Kalland, Director, NCCETC
    Jonathan Horowitz, Associate Vice Chancellor for Research
    Larisa Slark, Centers and Institutes Specialist
MEMORANDUM

TO: Mladen Vouk  
   Vice Chancellor for Research and Innovation

FROM: W. Randolph Woodson  
       Chancellor

SUBJECT: Recommendation to continue the NC Clean Energy Technology Center (NCCETC) under Regulation 10.10.04

DATE: January 6, 2022

In response to your Memorandum dated January 5, 2022, authorization is hereby granted to forward the request to continue the NC Clean Energy Technology Center (NCCETC) to the Board of Trustees for approval.

WRW/mh

cc: Louis Martin-Vega, Dean, College of Engineering  
    John Gilligan, Executive Associate Dean  
    Stephen Kalland, Director, NCCETC  
    Jonathan Horowitz, Associate Vice Chancellor for Research  
    Larisa Stark, Centers and Institutes Specialist
MEMORANDUM

TO: W. Randolph Woodson  
Chancellor  
NC State University

FROM: Mladen Vouk  
Vice Chancellor for Research and Innovation  
NC State University

SUBJECT: Recommendation to continue the Center for Turfgrass Environmental Research and Education (CENTERE) under Regulation 10.10.04

DATE: January 5, 2022

The Center for Turfgrass Environmental Research and Education (CENTERE) was established by the NC State Board of Trustees in September 2005 as a UNC System-sanctioned Center administered by NC State’s College of Agriculture and Life Sciences (CALS). CENTERE’s mission is to promote research on turfgrass systems, and create a multidisciplinary research culture that develops new, turfgrass management strategies that are environmentally sustainable.

In accordance with NC State Reg. 10.10.04, a Periodic Review of Center activities in fiscal years 2015–2021 was completed by an external Review Team on October 18, 2021. Following the receipt of the Review Team’s report, a detailed response from the Center and a request for continuance from CALS, this memo requests your approval of continuance.

The Report delivered by the Review Team strongly supports the mission and direction of the Center. The Report concludes that CENTERE has delivered vibrant undergraduate and graduate training since its establishment. Indeed, according to the Review Team “Graduates have been highly competitive and have a strong placement rate at prestigious turf-related facilities, corporations, and universities. Interviews with current and recent graduates indicated excellent training, collaboration, and “real-world” exposure were provided while at NCSU.” Moreover, their Report states that “Since the formation of the CENTERE, the quantity and quality of scholarship has been impressive.”

The Review Report provides a number of broad recommendations to ensure that the Center’s upward trajectory continues, including the development of a new strategic plan that will mitigate (i) the planned retirement of key faculty and (ii) state funding that has eroded over time.

The Office of Research and Innovation recommends that CENTERE should continue as a University Center as sanctioned by the NC State Board of Trustees, and requests your approval of this recommendation.

MAV/mh

cc: Richard Linton, Dean, College of Agriculture and Life Sciences  
Steve Lommel, Associate Dean for Research  
Grady Miller, Co-Director, CENTERE  
James Kerns, Co-Director, CENTERE  
Emily Erickson, Associate Director, CENTERE  
Jonathan Horowitz, Associate Vice Chancellor for Research  
Larisa Slark, Centers and Institutes Specialist
MEMORANDUM

TO: Mladen Vouk  
Vice Chancellor for Research and Innovation

FROM: W. Randolph Woodson  
Chancellor

SUBJECT: Recommendation to continue the Center for Turfgrass Environmental Research and Education (CENTERE) under Regulation 10.10.04

DATE: January 6, 2022

In response to your Memorandum dated January 5, 2022, authorization is hereby granted to forward the request to continue the Center for Turfgrass Environmental Research and Education (CENTERE) to the Board of Trustees for approval.

WRW/mh

cc: Richard Linton, Dean, College of Agriculture and Life Sciences  
Steve Lommel, Associate Dean for Research  
Grady Miller, Co-Director, CENTERE  
James Kerns, Co-Director, CENTERE  
Emily Erickson, Associate Director, CENTERE  
Jonathan Horowitz, Associate Vice Chancellor for Research  
Larisa Slark, Centers and Institutes Specialist
REQUESTED ACTION ITEMS
Routing for Request to Increase Degree Credit Hours Above 120

Proposed Program Title: BS Civil Engineering (14CEBS)  
Degree Type: Bachelor's  
Proposed Effective Date: Fall 2022  
Program Contact: Rudolf Seracino (rseraci@ncsu.edu)


Routing Action: Indicate date when the following occurs  
Completed Request for Exception, Curricular Change Documents, and Related Course Changes

- 8/18/21  Department Head endorses*  
- 26 Aug 2021  College Curriculum Committee (undergraduate or graduate) recommends*  
- 10/8/21  College Dean endorses*  

Documents move to OUCCAS for routing

- 10/27/21  UCCC Chair Recommends Approval *  
- 11/02/21  Provost Designee (Dean of University College) approves*  

Request for Exception Provost's office for routing

- 11/10/21  Provost Office Approves Routing  
-  OUCAS Informed  
-  Courses, Curriculum sent to Registration and Records for Implementation

* Signature is required on the signature page for the action
Routing for Request to Increase Degree Credit Hours Above 120

This request has been reviewed and approved by the appropriate campus committees and authorities.

Completed Request for Exception and Curricular Changes

Endorsed By: 

Aug 18, 2021

Head, Department/Program Date

Recommended By:

David W. Parish 26 Aug 2021

Chair, College Curriculum Committee Date

Endorsed By:

Jerome J. Favalle 10-08-21

College Dean Date

Documents move to Undergraduate office for routing

Recommended By:

Approved and Signed via CIM Programs 10/27/21 2:43 pm
Helmut Hergeth (hhergeth): Approved for UCCC Chair

UCCC Chair Date

Approved By:

Approved and Signed via CIM Programs 11/02/21 11:19 am
Bret Smith (bsmith6): Approved for Provost Designee

Provost Designee – Dean of University College Date

Request for Exception moves Provost’s office for routing

Approved By:

Board of Trustees Date
North Carolina State University

This application has been reviewed and approved by the appropriate campus committees and authorities.

Endorsed By:  

[Signature]  

Head, Department/Program  

Date: 8/18/21

Endorsed By:  

[Signature]  

College Dean  

Date: 10-08-21

Approved By:  

[Signature]  

Executive Vice Chancellor and Provost  

Date: 12/10/2021

Approved By:  

[Signature]  

Chancellor  

Date: 4/27/22

Approved By:  

Board of Trustees  

Date
Application for Waiver for an Undergraduate Degree Exceeding 120 Credit Hours

Degree Title and Type (BS/BA)  
BS Civil Engineering (14CEBS)

Subplan title (if appropriate)

Number of credit hours over 120  
6

Reason for overage  
Program Accreditation Stand

Your program has been approved at the current total credit hour level by the NC State Board of Trustees. Please provide a detailed justification for adding to the credit count, including reference to licensure, accreditation, outcomes, and/or meeting constituent needs. Include letters of support, market comparisons, and/or other supporting materials.

The current approved total credit hour level of the B.S. Civil Engineering (14CEBS) program at NC State University is 125 hours. Hence, this waiver application is to increase the total credit hour level by only 1 credit-hour to 126 hours.

Background: ABET is the accrediting body for engineering, technology and related programs in the US and around the world. The NC State College of Engineering has had programs accredited through this organization since 1926 (the first year such were available), and the Civil Engineering program was among those programs. As such, the program has maintained that accreditation over the past 95 years. Since the program’s last evaluation in 2016, ABET has consolidated and redefined several of the primary required student outcomes, as well as program specific criteria. The American Society of Civil Engineering (ASCE) provides requirements to the latter category, and has stipulated that programs curriculum must prepare students to "conduct experiments in at least two technical areas of civil engineering and analyze and interpret the resulting data."

Justification: In order to meet the ACSE program requirement, and due to changes to the general outcomes, the CCEE faculty have proposed an increase of 1 semester-credit hour in the required course CE332: Materials of Construction, from 3 to 4 hours. This change will then increase the overall semester-credit requirement for the degree program from 125 to 126 hours. This is the basis of the request.

Historically, CE332 was limited to traditional materials of concrete and asphalt pavement. The course has been revised, with support from a DELTA Critical Path course development grant, to incorporate new civil engineering materials and accompanying lab activities. To meet the ABET requirement, the faculty have made changes that enhance the relevance of the course by introducing students to current state-of-the-art civil engineering materials. In order to accomplish this, the additional credit hour was added to meet University credit-hour:contact-hour requirements for lecture-lab courses. The CCEE Department’s Undergraduate Programs Committee critically evaluated the 14CEBS degree program to identify opportunities to trade-off the added hour due to CE332 increasing to 4 hours. However, no alternative was possible given the constraints imposed by the other ABET-EAC program criteria. As a result, the UCCC approved increase in credit-hours of CE332 from 3 to 4, requires an increase in total credit hours for the 14CEBS program from 125 to 126.

Context: At the requested level of 126 total credit hours required for graduation, the 14CEBS degree program would be within the range of other degree programs in the College of Engineering, which are all between 120 and 128 hours. In addition, the requested 126 hour requirement is below those of program peers across the nation, including Georgia Tech (128 hours) and University of Illinois Urbana-Champaign (128 hours), for example.
REPORTS
EXECUTIVE SUMMARY

- Degrees awarded
- Degrees awarded - 1-year and 10-year % change
- Graduation Rates - First Year, Transfer, Tier 1 + Tier 2, and Underrepresented Minorities
- Key Takeaways
### Academic Year 2020-21

**Degrees Conferred:** 10,037

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<td>Associate</td>
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<tr>
<td>Bachelors</td>
<td>6,379</td>
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<tr>
<td>Masters</td>
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<td>Doctoral</td>
<td>632</td>
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Source: data.emas.ncsu.edu as of January 24, 2022
Academic Year 2020-21

Degrees Conferred: 10,037

- Associate: 125
- Bachelors: 6,379
- Masters: 2,901
- Doctoral: 632

10-YEAR CHANGE

1-YEAR CHANGE

10-YEAR CHANGE

+27.3%

+5.0%

Source: data.ema.unc.edu as of January 24, 2022

ENROLLMENT MANAGEMENT AND SERVICES

Academic Year 2022
GRADUATION RATES

FIRST-YEAR STUDENTS

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<th>4 YEAR</th>
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<td>FALL 2013</td>
<td>57.4%</td>
<td>79.6%</td>
<td>82.5%</td>
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<td>FALL 2014</td>
<td>59.3%</td>
<td>81.8%</td>
<td>84.8%</td>
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<tr>
<td>FALL 2015</td>
<td>63.8%</td>
<td>82.8%</td>
<td>85.0%</td>
</tr>
<tr>
<td>FALL 2016</td>
<td>64.9%</td>
<td>83.9%</td>
<td></td>
</tr>
<tr>
<td>FALL 2017</td>
<td>67.4%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Source: data.emas.msu.edu as of January 24, 2022.
<table>
<thead>
<tr>
<th></th>
<th>2 YEAR</th>
<th>3 YEAR</th>
<th>4 YEAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>FALL 2015</td>
<td>21.6%</td>
<td>66.6%</td>
<td>79.5%</td>
</tr>
<tr>
<td>FALL 2016</td>
<td>22.5%</td>
<td>65.8%</td>
<td>80.4%</td>
</tr>
<tr>
<td>FALL 2017</td>
<td>22.7%</td>
<td>65.6%</td>
<td>79.9%</td>
</tr>
<tr>
<td>FALL 2018</td>
<td>23.3%</td>
<td>66.6%</td>
<td></td>
</tr>
<tr>
<td>FALL 2019</td>
<td>23.3%</td>
<td></td>
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</tr>
</tbody>
</table>

Source: Institutional Strategy and Analysis as of January 24, 2022
GRADUATION RATES TIER 1 + TIER 2

6 YEAR
FALL 2013: 81.6%
FALL 2014: 85.1%
FALL 2015: 82.9%

5 YEAR
FALL 2013: 79.1%
FALL 2014: 82.5%
FALL 2015: 81.0%
FALL 2016: 82.0%

4 YEAR
FALL 2013: 57.1%
FALL 2014: 59.4%
FALL 2015: 62.3%
FALL 2016: 63.8%
FALL 2017: 65.9%

Source: data.campus.tesc.edu as of January 24, 2022.
<table>
<thead>
<tr>
<th></th>
<th>4 YEAR</th>
<th>5 YEAR</th>
<th>6 YEAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>FALL 2013</td>
<td>50.6%</td>
<td>74.8%</td>
<td>78.2%</td>
</tr>
<tr>
<td>FALL 2014</td>
<td>49.3%</td>
<td>73.4%</td>
<td>77.8%</td>
</tr>
<tr>
<td>FALL 2015</td>
<td>57.3%</td>
<td>76.6%</td>
<td>79.8%</td>
</tr>
<tr>
<td>FALL 2016</td>
<td>58.4%</td>
<td>78.2%</td>
<td></td>
</tr>
<tr>
<td>FALL 2017</td>
<td>63.1%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Source: data.emas.ncsu.edu as of January 24, 2022

* Underrepresented minorities include Black, Hispanic, Native American, Pacific Islander and 2 or more
KEY TAKEAWAYS

- increase in degrees awarded overall (1-year and 10-year)
- Increase in 4-year graduation rates for all populations (First-Year, Transfer, Tier 1+ Tier 2, and Underrepresented Minorities)
- Increase in 4, 5, 6-year graduation rates for Underrepresented Minorities for the past five years
QUESTIONS?

Dr. Don Hunt
dehunt2@ncsu.edu
NC State’s Centers and Institutes By the Numbers (FY2021)

NC State is the home of 31 Centers and 11 Institutes (C/I’s)

C/I primary missions are Research (28), Service (12) and Instruction (2)

C/I’s are affiliated with 846 Faculty and 573 Staff, with 179 FTE supported by State funds

11 C/I’s offer academic programs

C/I’s support, educate and train:
1,420 graduate students
5,008 undergraduates
18,059 K-12 students

C/I’s had R&D expenditures of >$150M

12 C/I’s partner with >240 member companies
Advanced Self Powered Systems of Sensors and Technologies Center (ASSIST)

Director: Dr. Veena Misra

The mission of ASSIST is to transform health informatics, electronics, and biomedical engineering; to develop nanotechnologies for energy harvesting, battery-free energy storage, and ultra-low-power computation/communication; to integrate low power physiological and environmental nanosensors using biocompatible materials; to empower personal environmental and health monitoring.

Animal & Poultry Waste Management Center (APWMC)

Director (Interim): Dr. M. Todd See

The Animal & Poultry Waste Management Center (APWMC) provides infrastructure, programs, and assistance for innovative basic and applied approaches to animal waste management with emphasis on development of knowledge and waste management options contributing toward the enhancement of North Carolina's and the nation's animal production industries, as well as to the improvement of the environment and quality of life for all citizens.

Belk Center for Community College Leadership and Research (BELK)

Director: Dr. Audrey Jaeger

The Belk Center for Community College Leadership and Research brings together executive leadership development and actionable research to increase student success in community colleges. Its commitment is to develop the next generation of community college leaders in North Carolina and the nation who are committed to improving student success. Center will answer critical problems of practice that support leaders in making better decisions that improve student success.

Bioinformatics Research Center (BRC)

Director: Dr. Fred Wright

The mission of Bioinformatics Research Center (BRC) is to develop and implement methods for the management and interpretation of genomic data, with an emphasis on agriculture, forestry and veterinary medicine.
Center for Additive Manufacturing and Logistics (CAMAL)

Director: Dr. Ola Harrysson

The goals of the Center are to provide comprehensive research capabilities in additive manufacturing spanning polymers, metals and ceramics as well as the finishing of these components. In addition, the Center will study the distributed supply chain that will be inherent in these distributed networks of manufacturers.

Center for Dielectrics and Piezoelectrics (CDP)

Director: Dr. Elizabeth C. Dickey

The CDP aims to develop an international leadership position in the fundamental material science and engineering that underpins dielectric and piezoelectric materials. Innovations in these areas often arise from research advances in materials chemistry, synthesis and processing that enable new materials and device functionality.

Center for Educational Informatics (CEI)

Director: Dr. James Lester

The mission of the North Carolina State University Center for Educational Informatics is to lead national efforts to design, develop, and deploy next-generation adaptive learning systems for K-12 education, post-secondary education, and training.

Center for Environmental and Resource Economic Policy (CEnREP)

Director: Dr. Roger von Haefen

The mission of the Center for Environmental and Resource Economic Policy (CEnREP) is to link economics to science, agriculture and technology to improve public understanding and enhance public and private management of environmental resources.

Center For Family and Community Engagement (CFACE)

Director: Dr. Craig Brookins

The Center For Family and Community Engagement (CFACE) is dedicated to advancing safe, healthy, and productive families and communities. It promotes strategies that widen the circle of supports around families and communities. This is accomplished through emphasizing family leadership, community partnerships, cultural safety, and inclusive planning.
Center for Geospatial Analytics (CGA)

Director: Dr. Ross Meentemeyer

The mission of the Center is to promote graduate education and research in geospatial science and technology.

Center for Human Health and the Environment (CHHE)

Director: Dr. Robert Smart

The mission of CHHE is to serve as the nexus of environmental health science research at NC State by providing focus and leadership for interdisciplinary research aimed at understanding how human health, at both the individual and population levels, is impacted by environmental factors and to utilize this understanding to reduce the adverse impacts of environmental factors on human health.

Center for Integrated Fungal Research (CIFR)

Director: Dr. Ignazio Carbone

The Center for Integrated Fungal Research (CIFR) provides leadership in research and educational objectives in the field of fungal parasitism and mycotoxins aimed to achieve significant breakthroughs in fungal research that will impact human welfare worldwide.

Center for Integrated Pest Management (CIPM)

Director: Dr. Danesha Carley

The Center for Integrated Pest Management (CIPM) serves a lead role in technology development, program implementation, training, and public awareness for IPM at the state, regional, and national level.
**Center for Marine Sciences and Technology** (CMAST)

**Director: Dr. David Eggleston**

The principal mission of the Center for Marine Sciences and Technology (CMAST) is to discover innovative solutions to questions and problems in marine systems and provide effective communication of these discoveries, by promoting multidisciplinary studies among research scientists, educators and extension specialists from the participating NC State University colleges, enhancing interaction with other educational institutions and agencies concerned with marine sciences and coastal natural resources, and providing a focal point for citizen contact with NC State University's marine science and extension faculty.

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**Center for Nuclear Energy Facilities and Structures** (CNEFS)

**Director: Dr. Abhinav Gupta**

The mission of the Center for Nuclear Energy Facilities and Structures (CNEFS) is to perform research on innovative but rigorous solutions to problems in nuclear power plants and to transfer this technology to the industry.

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**Center for Research in Scientific Computation** (CRSC)

**Director: Dr. Hien Tran**

The Center for Research in Scientific Computation (CRSC) is a formally recognized, multidisciplinary center administered by North Carolina State University. Its purpose is to foster research in scientific computing and provide a focal point for research in computational science, engineering and applied mathematics.

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**Center for Research on Textile Protection and Comfort** (TPACC)

**Director: Dr. Roger Barker**

The Center for Research on Textile Protection and Comfort (TPACC) provides faculty and students with a coordinated environment where interdisciplinary problems related to textile comfort and protection performance can be studied and solved.

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**Center for Turfgrass Environmental Research and Education** (CENTERE)

**Director: Dr. Grady Miller**

The Center for Turfgrass Environmental Research and Education (CENTERE) promotes research on the turfgrass systems and works on creating a multidisciplinary research 'culture' that develops new, environmentally sustainable management strategies. Emphasis is on basic research to resolve underlying processes that can lead to long-term solutions.
**Comparative Medicine Institute (CMI)**

Director: Dr. Jorge Piedrahita

The mission of the Comparative Medicine Institute (CMI) is to enhance collaborative, translational, interdisciplinary approaches for the comparative study of animal/human diseases.

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**Ergonomics Center of North Carolina (The) (TECNC)**

Director: Ms. Julia G. Abate

The Ergonomics Center of North Carolina (TECNC) is a Public Service Membership Center specifically authorized by the North Carolina General Assembly and established in October 1994 with the original name North Carolina Ergonomics Resource Center through a partnership between North Carolina State University (NCSU) and the North Carolina Department of Labor (NCDOL), Division of Occupational Safety and Health (OSHNC) to assist employees and employers in the prevention of occupational musculoskeletal disorders (MSDs) and the optimization of human-machine work systems design from safety and performance perspectives.

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**Future Renewable Electric Energy Delivery and Management Systems Center (FREEDM)**

Director: Dr. Iqbal Husain

The Future Renewable Electric Energy Delivery and Management Systems Center (FREEDM) partners with universities, industry, and national laboratories in 28 states and nine countries to develop technology to revolutionize the nation's power grid and speed renewable electric-energy technologies into every home and business.

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**General H. Hugh Shelton Leadership Center (SLC)**

Interim Director: Dr. Debbie Acker

The mission of the General H. Hugh Shelton Leadership Center is to inspire, educate, and develop values-based leaders committed to personal integrity, professional ethics, and selfless service.

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**Genetic Engineering and Society Center (GES)**

Directors: Drs. Jennifer Kuzma and Fred Gould

The GES Center serves as a key regional, national and international hub of interdisciplinary
analyses and inclusive dialogue surrounding emerging technologies and society. It will take the lead in using in-depth research and dialogue-based approaches to provide public with rigorous, trustworthy analyses of how products of GE technologies may impact society and the environment.

**Golden Leaf Biomanufacturing Training and Education Center** (BTEC)

**Director:** Gary Gilleskie

The mission of Golden Leaf Biomanufacturing Training and Education Center (BTEC) is to fuel prosperity by positioning North Carolina as a global leader in bioprocess education and biomanufacturing workforce development.

**Industry Research Programs in Forestry** (IRPF)

**Director:** Dr. Robert Scheller

The Industry Research Programs in Forestry Center (IRPF) increases value to landowners and citizens through continuous genetic improvement of forest trees; creates innovative solutions to enhance forest productivity and value through sustainable management of site resources; leads in conservation and domestication of forest genetic resources for sustainable economic, ecological, and social benefits for present and future generations.

**Institute for Advanced Analytics** (IAA)

**Director:** Dr. Michael Rappa

The mission of the Institute for Advanced Analytics (IAA) is to promote graduate education in the emerging field of analytics. Its objective is to educate the citizens of North Carolina and beyond in the concepts, methods, software tools, and applications of analytics that have direct and practical relevance to industry.

**Institute for Emerging Issues** (IEI)

**Director:** Leslie Boney

The Institute for Emerging Issues (IEI) is a think-and-do tank that convenes leaders from business, government, nonprofit organizations, and higher education to tackle the biggest issues facing North Carolina.
Institute for Transportation Research and Education (ITRE)

Director: Dr. Billy Williams

The Institute for Transportation Research and Education (ITRE) carries out research, training and technical support activities in the areas of surface and air transportation for a host of national, state, and local clients to address the nation’s critical transportation issues.

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Kenan Institute for Engineering, Technology & Science (KIETS)

Director: Dr. Ruben Carbonell

The Kenan Institute for Engineering, Technology & Science (KIETS) develops partnerships in basic research, education, commercialization and public outreach with individuals and organizations dedicated to the advancement of science, engineering and technology as a force in improving the economic and social well-being of the nation and the world.

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Khayrallah Center for Lebanese Diaspora Studies (KCLDS)

Director: Dr. Akram Khater

The mission of the Khayrallah Center is to research, preserve and publicize the history of the Lebanese diaspora communities in the United States and beyond.

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Next Generation Power Electronics Manufacturing Innovation Institute (NGPEMII)

Director: Dr. Victor Veliadis

The Next Generation Power Electronics Manufacturing Innovation Institute ("Power America") is accelerating the adoption of advanced semiconductor components made with silicon carbide (SiC) and gallium nitride (GaN) into a wide range of products and systems.
Nonwovens Institute (NWI)

Director: Dr. Behnam Pourdeyhimi

The Nonwovens Institute (NWI) is the world's first accredited academic program for the interdisciplinary study of engineered fabrics through an innovative partnership of industry, government, and academia. Operating on an 'open' platform, The Nonwovens Institute enables industry and university experts to develop the next generation of nonwoven applications while educating and training future industry leaders.

North Carolina Clean Energy Technology Center (NCCETC)

Director: Mr. Stephen Kalland

The mission of the North Carolina Clean Energy Technology Center (NCCETC) is to advance a sustainable energy economy by educating, demonstrating and providing support for clean energy technologies, practices, and policies.

North Carolina Institute for Climate Studies (NCICS)

Director: Otis Brown

The mission of the North Carolina Institute for Climate Studies (NCICS) is to promote the discovery of new knowledge about global, regional, and local climate variability and its impacts and to provide information that is critical for determining trends and validating climate forecasts at all of these spatial scales.

North Carolina Sea Grant College Program (NCSG)

Director: Dr. Susan Norma White

The North Carolina Sea Grant (NCSG) program is one of 33 university-based programs across the United States authorized through the National Sea Grant College Program Act of 1966. Through research, outreach and education programs, NCSG provides unbiased, science-based information to enhance the sustainable use and conservation of ocean and coastal resources to benefit communities, the economy and the environment. NCSG is a multi-campus program of the University of North Carolina system.
Nuclear Reactor Program (NRP)

Director: Dr. Ayman Hawari

The Nuclear Reactor Program (NRP) applies reactor and nuclear techniques in supporting efforts to provide high quality undergraduate and graduate education, perform basic and applied research, disseminate knowledge, and provide training and specialized analytical services in support of institutions, agencies and industries in the State of North Carolina and the Nation.

Secure Computing Institute (SCI)

Directors: Drs. Laurie Williams and William Enck

The Secure Computing Institute (SCI) provides information technology professional services to state and federal agencies, private and public sector corporations, and research organizations.

Small Business and Technology Development Center (SBTDC)

Director: Mr. Byron Hicks

The multi-campus Small Business and Technology Development Center (SBTDC) is committed to providing knowledge, education and other supportive resources that enable existing small and mid-sized businesses, emerging entrepreneurs and local/state leaders to innovate and succeed.

Southeast Dairy Foods Research Center (SDFRC)

Director: Dr. MaryAnne Drake

The Southeast Dairy Foods Research Center (SDFRC) conducts research, educates scientists, and develops and applies new technologies for processing of milk and its components into dairy products and ingredients with improved health, safety, quality and expanded functionalities that facilitate strategic decisions in the industry.

State Climate Office of North Carolina (SCONC)

Director: Dr. Kathie Dello

The State Climate Office of North Carolina (SCO) is the primary source for NC weather and climate information and is involved in all aspects of climate research, education, and extension services.
**Water Resources Research Institute** (WRRI)

**Director:** Dr. Susan Norma White

The Water Resources Research Institute (WRRI) is one of 54 state water institutes that were authorized by the Water Resources Research Act of 1964 to administer and promote federal/state partnership in research and information transfer on water-related issues. WRRI is a multi-campus institute.

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**William and Ida Friday Institute for Educational Innovation** (WIFIEI)

**Director:** Dr. Hiller Spires

The mission of the William and Ida Friday Institute for Educational Innovation (WIFIEI) is to advance education through innovation in teaching, learning, and leadership.
Responsible Administrators of NC State Centers and Institutes

Office of Research and Innovation
February 17, 2022

LEGEND

 Responsible Administrator  Center  Institute  UNC System  Multi-Campus  Joint Administration  Multiple Locations  Related Entities
COVID-19

- Student Vaccination Percentage (as of January 21)
  - Undergraduate Students: 81.3%
  - Graduate Students: 91%

- Demand for on-campus vaccines and testing remains high

- Majority of students continuing to follow campus guidelines and community standards

- Student Government continues to support campus dining and students in on-campus quarantine

- Students greatly appreciate the flexibility offered by Panopto and recorded lectures
EXECUTIVE BRANCH INITIATIVES

- ACC Advocacy Days | January 31 - February 1
  - Advocacy Work in Government Panel
  - Working on Capitol Hill Panel
  - Met with Congressional Members and Staffers

- Chancellor’s Liaison
  - **Upcoming Meetings**: March 23, April 13
  - **Previous Meeting**: February 2
  - **Presenters**: Chief Daniel House, Dr. Amy Orders, UPD Student Group

- Night Walk and Accessibility Excursion

- SG 100 Celebration
STUDENT SENATE and TREASURY

- 101st Session Senate Meeting Schedule
  - **Upcoming Meetings:** March 2, March 23

- Legislation
  - R66 – Mental Health Initiative Act
  - Senate Apportionment

- Spring 2022 Student Organization Appropriations
  - Approximately $130,000 distributed this cycle

- Spring Elections Scheduled for March
  - New Student Body President by April BOT meeting
  - New session begins mid-April
DEPARTMENT OF EQUITY and ACCESSIBILITY

The Department shall serve as a liaison between Student Government and organizations who serve as strong advocates for Equity and Accessibility...working with NC State University administrators to ensure equal opportunities...

Steps to Achieve Our Mission:

- Expanding Respect the Pack
- Strengthening Relationships with Campus Community Centers
- Advocating for Living & Learning Villages
- Educating Future Student Leaders
- Supporting Students and Dialogue on Campus
Questions?

McKenzy Heavlin, Student Body President
sbp@ncsu.edu
PROVOST
UPDATE
ITEMS
AGREEMENT OF INTERUNIVERSITY COOPERATION
FOR THE GRANTING OF A DOUBLE SECOND CYCLE DEGREE

Between

Alma Mater Studiorum – Università di Bologna (hereafter referred to as “University of Bologna” or “Unibo”), represented by its Rector Prof. Giovanni Molari, Via Zamboni 33 – 40126 Bologna, Italy

and

North Carolina State University (hereafter referred to as “NCSU”), represented by its Executive Vice Chancellor and Provost Warwick Arden, Raleigh, NC 27695, United States of America

Together named “the Parties”

Provided that

- both Universities are interested in establishing a long-term collaboration and a cultural exchange partnership;
- the Italian Ministerial Decree “DM 270/04” allows Italian universities to jointly grant degrees (2nd cycle) with other foreign universities;
- NCSU has the authority to establish dual (double) degree programs at the undergraduate and graduate levels in partnership with domestic and/or overseas universities in accordance with the rules governing academic program development, which in the case of dual (double) degrees, requires notification provided to the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) as the national body for the accreditation of degree-granting higher education institutions in the Southern states;
- the Department of Ingegneria civile, chimica, ambientale e dei materiali – DICAM of the University of Bologna and the Department of Chemical and Biomolecular Engineering of the North Carolina State University have a common interest in creating an integrated study programme in the field of Chemical Engineering, by which enrolled students of both Universities will be able to get a double degree qualification;
- both Universities, with their resources and funds and in accordance with the law and regulations of their respective country, shall collaborate and host all students, faculty members and administrative staff who participate in the mobility programme as described in this Agreement.

It is agreed and stipulated as follows:

Art. 1 - Preamble
Preamble and Annexes are an integral part of this Agreement.

Art. 2 – Objective of the Agreement
The Parties agree to establish an integrated nominally 2 year study programme which provides for the exchange of applicant students for a period of two semesters, at the end of which, both Universities will grant a second cycle (Master’s level) degree: Laurea Magistrale in Ingegneria Chimica e di Processo, of University of Bologna (two years, 120 ECTS) and Master of Science in Chemical Engineering of North Carolina State University (two years, 40 U.S. credit hour).

Art. 3 - Students
3.1 Students Exchange
The exchange should be balanced and involve an equivalent number of students from both Universities, where possible.
Both Universities agree that the number of participating students will not be more than 5 (five) units from each university per academic year. Parties shall be able to jointly agree on a higher number of participants upon a notice exchange between the Parties.
All exams and courses successfully passed at the Host University by student shall be automatically recognized by the Home University.
Students involved in the mobility programme shall also enjoy the benefits and shall be likewise subject to the regulations and norms which are in force in the Universities concerned by the programme.

3.2 Selection of students
Students admitted to the double degree programme will be selected by each University according to its own criteria and modalities, which will be agreed by the relevant degree programmes activated at both partner Universities.
For Unibo students, a call for application will be published in January for students of the first year with deadline at the end of the exam session (around the 20th of February) as to inform the students and the partner university by mid-March in time for VISA applications.
NCSU students will be nominated by the CBE faculty and will meet the admission requirements of Unibo's two-year master's program, published at https://corsi.unibo.it/2cycle/ChemicalProcessEngineering-STEM/how-to-enrol

3.3 Enrolment and Mobility
Students from the University of Bologna who want to attend the integrated study programme have to be regularly enrolled at the degree programme Laurea Magistrale in Ingegneria Chimica e di Processo, international curriculum “Sustainable Chemical and Biochemical Technology for Environment and Materials – STEM”. They must have an adequate knowledge of the English language certified by TOEFL (minimum score 80) or IELTS (minimum 6.5 overall) and they must be entitled of a valid visa or residence permit.
After having achieved 60 ECTS during their first year of study, students in their second year of study shall be transferred to NCSU in order to attend the teaching activities offered within the second year of the Master of Science in Chemical Engineering in accordance with the correspondence table annexed to the present agreement (Annex 1). Students must obtain a minimum of 20 U.S. credits (equivalent to 60 ECTS) provided by the study programme at the partner University. In particular, they obtain 6 U.S. credits for the Master's Thesis Research and the award of the degree of NCSU. The 6 U.S. credit above-mentioned will be recognised by Unibo as the preparation for the final examination for 12 ECTS. University of Bologna students finally come back to Bologna in order to discuss their final thesis obtaining 6 ECTS and the awarding of the degree of the University of Bologna.

Students from NCSU, who want to attend the integrated study programme, have to be regularly enrolled at the degree programme of Master of Science in Chemical Engineering, they must have an adequate knowledge of the English language and must have or be entitled to obtain a valid visa or residence permit.
In their second year of study, students, after having achieved 20 U.S. credits, shall be transferred to the University of Bologna in order to attend the teaching activities provided by the second year of the Laurea Magistrale in Ingegneria Chimica e di Processo, international curriculum “Sustainable Chemical and Biochemical Technology for Environment and Materials – STEM” in accordance with the correspondence table annexed to the present agreement (Annex 1).
Students must obtain 60 ECTS (equivalent to 20 U.S. credits) provided by the study programme at the University of Bologna and they must discuss their final thesis in Bologna obtaining the degree Laurea Magistrale in Ingegneria Chimica e di Processo.

All students participating in the programme will defend the master thesis at the University of Bologna. NCSU student will receive the NCSU degree by fulfilling all the course-based curricular requirements for the degree; no thesis is required by NCSU.

3.4 Exemption from university admission fees
During the mobility period, students will remain enrolled in their Home University and they will be registered at the Host University as dual-degree students in order to have their data entered in the University system and to have a “student ID” which allow them to get access to University services. During the period that they are registered students at the Host Institution, tuition and fees will be paid by students to their Home Institution. All other charges, including health insurance, shall be borne by the students themselves.

3.5 Certifications
Host Universities shall release and grant each mobility programme student a Transcript of Records indicating his/her attended teaching activities and his/her academic performances and number of credits obtained at the partner University.

3.6 Insurance obligations
All students will be required to demonstrate proof of health and accident insurance coverage that meets the standards of both the Home and Host Universities in accordance with their normal requirements for full-time students. Each University will inform the incoming students of these requirements, which must be met during the period of mobility at the Host Institution, as well as during travel. Proof of insurance shall be provided to the Host University ahead of arrival.

The University of Bologna confirms that its regularly enrolled students are insured against any incident that they may suffer during their period of stay abroad for the activities concerned by this Agreement and that they are insured for legal liability against damage which they may involuntarily cause to third party (people and their properties). Health insurance is not provided by the University of Bologna which will inform students that they have to personally provide their health insurance during the whole period of their VISA as required by USA Federal regulations.

All NCSU students participating in study abroad programs or other university-affiliated international travel are required to be enrolled in the GeoBlue international health insurance policy for the duration of their abroad program. While at their home institution, NCSU students will have insurance either through the GSSP if supported on an RA or TA, or through the UNC System Health Insurance Plan.

3.7 Services offered
Students participating into the mobility programme shall benefit from all services offered by the Host University to its regular enrolled students.

3.8 Fellowship
Each University may grant the available fellowships to its students who intend to participate into the study programme, on the basis of a proper selection procedure. While there is no obligation for the Host University to provide financial assistance to mobility students, if the Host University wishes to provide financial assistance (for example a grant, stipend or scholarship) to the mobility student, the Host University must notify the Home University in writing of the source and amount of such funding.

Art. 4 – Didactics

4.1 Study programme
The common integrated study programme is attached to this Agreement (correspondence table – Annex 1).
Language of instruction within the programmes will be English.
Study programme covers all the period from the beginnings of study to the last exams, to include the degree.
Exams and study period duration shall be organized in a balanced form and shall find justification and validation in both partner Universities, according to the provisions of articles 2 and 3 and to bonds included in the attached study programme.
It can be modified by mutual consent between the Parties, to no detriment of students already enrolled.

4.2 Equivalence of credits and grading tables
University of Bologna and NCSU adopt different criteria for the measurement of credits. Considering the classroom and/or direct faculty instruction time and student work outside of the classroom the correspondence between the teaching activities offered by the Parties is 1 (one) NC State credit hour is equivalent to 3 (three) ECTS. The Parties also establish to use the conversion table of grades attached to this Agreement (Annex 2).

4.3 Course review
Faculty teams from NCSU and UniBo worked jointly under the guidance of experts in the academic and research areas at both institutions, including the Director of Graduate Programs and the Department Head in Chemical and Biomolecular Engineering to articulate and understand the curricular and research requirements for the respective degrees, which involved a course review and course equivalency assessment that will continue on a regular basis for the duration of the double degree.

4.4 Student learning outcomes
As outlined below, will be assessed by the Institutions in accordance with their respective assessment policies, procedures and timelines.
Dual degree programme learning outcomes:
4.4.1. Ability to apply concepts of mathematics and science to engineering;
4.4.2. Ability to design and model systems, components, and processes of chemical engineering
4.4.3. Ability to work in multi-disciplinary environment;
4.4.4. Ability to identify new problems in chemical engineering and solve them by applying the concepts learned in the classroom, creativity, and analytical thinking;
4.4.5. Ability to communicate the design and the results of chemical engineering experiments and processes in a quantitative and effective manner;
4.4.6. Ability to apply technical solutions in chemical engineering to contemporary issues in an ethical way;
4.4.7. Ability to identify next-generation problems that can be solved by chemical engineers.

Outcome assessment at NCSU:
4.4.8. Direct assessment by the faculty: homework assignments, written tests taken in class, and final projects/term paper;
4.4.9. Indirect assessment by peer students: oral presentations in group meetings;
4.4.10. Production of manuscripts summarizing the results of the research exchange to be submitted to peer-reviewed journals or to national and international meetings in the field of chemical engineering (AIChE and ACS);
4.4.11. Filing of joint intellectual property resulting from research conducted at the home/host institution.

Outcome assessment at UNIBO:
4.4.12. Direct assessment by the professors in charge of teaching activities; final projects/term paper, midterm and/or final exams

4.5 Award of the degree qualifications
Students participating in the integrated study programme and completing the study programme as described in article 3.3 on the basis of the correspondence table annexed to this agreement will obtain the awarding of the degree qualifications as follows:
4.5.1 NCSU students participating in the integrated study programme obtain the degree qualification Laurea Magistrale in Ingegneria Chimica e di Processo at the University of Bologna where they defend the final dissertation and they will also be awarded the Master of Science in Chemical Engineering degree at NCSU.
4.5.2 Unibo students participating in the integrated study programme obtain the degree qualification Master of Science in Chemical Engineering at NCSU once they have completed their Master’s Thesis Research and they will obtain the degree awarded by Unibo after having defended their final dissertation at Unibo.

Reference offices for students participating in the double degree programme are listed in the Annex 3 to this Agreement.

Art. 5 – Exchange of faculty members and administrative staff

5.1 Exchange modalities
Each University is responsible for any employment and travel expectations for their respective faculty and administrative staff participating in the mobility programme under this Agreement, in conformity with the law and juridical rules in force in the country concerned under the exchange. Personnel participating under this Agreement will continue to comply with the contractual obligations of their Home University and will continue to receive the due remuneration and to benefit from the rights they are entitled of for their juridical position, according to the legislative norms existing in the home country. The Home University shall consider the duration of the stay. Unibo shall consider the duration of the stay for their faculty as ordinary service for all purposes.

5.2 Activities for teachers and administrative personnel
Faculty members and researchers can hold courses and lectures, carry out tutorial activities, participate in seminars, be part of exam, final thesis and doctorate commissions at the partner University, and take part into research activities and meetings for student exchange programme planning, evaluation and development, held at the partner University. For the expenses concerning the mobility of teaching staff members and research fellows, each University will cover all the costs for their own professors and research fellows according to the availability of Erasmus Plus Programme funds or other funds for research.
The administrative staff will have the possibility of participating in meetings for student exchange programme planning, evaluation and development and will be able to carry out special visits in order to analyse the management systems operating at the partner University, according to the availability of funds.
The Parties agree that all the financial agreements will have to be negotiated and will depend on the availability of funds.
During their period at the Host University, the faculty members and the researchers participating in said exchange, to carry out the above-mentioned activities, shall be considered as staff “on a mission” abroad.

5.3 Faculty credentialing
All faculty directly involved in teaching courses and supervising students pertaining to this program have the requisite qualifications as determined by their University and accreditation bodies. For accreditation purposes each institution will share participating faculty CVs.

5.4 Insurance obligation
NCSU confirms that its employees and staff (teachers and administrative personnel) has to personally provide to her/his health insurance during the whole period of the VISA as required by USA Federal regulations.

The University of Bologna confirms that its teaching and administrative staff are insured against any incident that they may suffer during their period of stay abroad for the activities concerned by this Agreement and that they are insured for legal liability against damage which they may involuntarily cause to third party (people and their properties). Employees and staff of the University of Bologna has to personally provide to her/his health insurance during the whole period of VISA as required by USA Federal regulations.

NCSU staff/employees can also obtain business and international travel insurance through the Office of Insurance & Risk Management. Otherwise, NCSU staff/employees are covered under NCSU’s self-insurance program and the North Carolina Defense of State Employees Act. Coverage for medical care and evacuation for medical/political/natural disasters is available through GeoBlue for faculty/staff business travelers and in-bound international students.

Art. 6 - Prevention and security
Both Parties shall supply each mobility programme participant with detailed information about the specific risks existing in the work environment in which they will operate and carry out their function and with necessary documentation about the prevention and emergency security measures and provisions in force in relation to their activity and about the persons in charge of this, in conformity with the legislative norms and regulations in force in the country of the Host University.

Art. 7 - Use of name / Logo
Each party may use the logos, names and other marks of the other Parties only in connection with the programme. Each party anticipates the other Party’s participation in press announcements, marketing and other reasonable promotional activities involving the double-degree programme through the appropriate use of the logos, names and marks of the Parties.

Art. 8 - Intellectual Property
Each of the Parties acknowledges and agrees that any and all of the Intellectual Property Rights, or other proprietary rights, in respect of any literature, materials, research or teaching methods, procedures, processes and/or the learning experience in relation to or in connection with the Programme and any parts thereof, are and shall remain the sole property of its owner and, save as expressly set out herein, nothing in this Agreement is intended to transfer ownership or create any licensed rights under any such Intellectual Property Rights or other proprietary rights.

The learning materials and any other literature, materials, research methods, procedures, processes or programmes in which a party has Intellectual Property Rights relating to or in connection with the Programme and which are disclosed to the other party pursuant to this Agreement may be used by the other party solely for the purposes of performing its obligations under, and during the period of, this Agreement and for no other purpose.

Art. 9 - Other activities
The Parties can enter into other agreements for other purposes beyond the mobility and activities for this double degree agreement. Further cooperation projects, including intensive courses, distance teachings, joint research, organization of seminars, symposia, and interviews on common interest topics and all other activities consolidating the cooperation, will be encouraged by both Parties. These
new activities will be subject to an additional Agreement document, which will be stipulated by both Parties. Both Parties agree to promote this programme in their catalogues and websites. All costs will be maintained by the individual institutions, unless otherwise specified in writing and agreed upon by both Parties.

Art. 10 – Data Protection

Regarding personal data transmission Unibo shall meet the requirements of the EU General Data Protection Regulation and act upon accordingly. NCSU will comply with all applicable state and federal laws related to student privacy and education records, including but not limited to the Family Educational Rights and Privacy Act ("FERPA"), and comply with the EU General Data Protection Regulation, to the extent that it applies to NCSU.

Art. 11 – Responsible for the Agreement
Each University shall appoint a coordinator for the Cooperation Agreement.

Art. 12 – Evaluation of the programme
The Parties will consult each other when appropriate, but at least once a year, in order to evaluate the programme development, to draw up a report about the ongoing initiatives and to elaborate other cooperation programmes.

Art. 13 – Controversies
In the event of any controversy arising from this agreement the Parties will endeavor to resolve the matter amicably and in good faith.

Art. 14 – Duration of the Agreement
This Agreement will operate from the last date of signing and will be effective for a period of five years from academic year 2022/2023; in particular the first cohort of students will enroll in academic year 2022/2023 and the last cohort of students will enroll in academic year 2025/2026. This Agreement may be extended in writing between the Parties and for an equal period following the prior revision of the performance of the programme.

The Agreement may be amended in writing with the mutual consent of the Parties in compliance with reference to rules and regulations and guidelines of Governing Bodies where applicable.

This Agreement may be terminated at the request of either party provided that a minimum of six (6) months' prior written notice is given to the other party to enable satisfactory arrangements to be put in place for students already participating in the program and those to whom an offer of a place on the Programme has been formally made. Both Parties shall be equally responsible for such arrangements. Any modification or termination of the Agreement shall be carried out in such a way as to ensure no damage for the participants in the programme already underway.

If any of the partner University wishes to withdraw, it must be guaranteed that all the students admitted to the withdrawing University will be able to regularly complete their studies.

Annexes can be individually modified by mutual consent between the Parties by means of an exchange of notes between the partner Universities, to no detriment to the students already enrolled.

Art. 15 – Southern Association of Colleges and Schools Commission on Colleges Disclaimer
North Carolina State University is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award bachelor, master and PhD degrees. The University of Bologna is not accredited by the Commission on Colleges and the accreditation of North Carolina State University does not extend to or include the University of Bologna or its students. Further, although North Carolina State University agrees to accept certain course-work from the University
of Bologna to be applied toward an award from North Carolina State University, that course-work may not be accepted by other colleges or universities in transfer, even if it appears on a transcript from North Carolina State University. The decision to accept course-work in transfer from any institution is made by the institution considering the acceptance of credits and course-work.

Art. 16 – Copies and language
This Agreement is subscribed in two originals in English.

This Agreement may be executed in one or more counterparts, each of which will constitute an original, but all of which together will constitute one instrument.

IN WITNESS WHEREOF, the authorized representatives of the Institutions have executed this Agreement on the date(s) indicated below:

Bologna, date 10.23.2021
ALMA MATER STUDIORUM – UNIVERSITÀ DI BOLOGNA
The Rector, Prof. Giovanni Molari

Raleigh, date Nov 10, 2021
NORTH CAROLINA STATE UNIVERSITY
Executive Vice Chancellor and Provost, Warwick Arden
### ANNEX 1 – CORRESPONDENCE TABLES

#### Unibo Students:

#### Year 1 at Unibo

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<tr>
<th>Class</th>
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<td>Process Safety Engineering</td>
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**TOTAL CREDITS (ECTS)** 60

#### Year 2 at NC State

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| Class TBD                                   | 3      |            | Advanced Biomanufacturing and Biocatalysis | 3      | CHE 577    |

| Research credits (thesis)                  | 6      |            | Research credits (thesis)                  | 6      |            |

**TOTAL CREDITS (US CTS)** 20
# NCSU Students

## Year 1 at NCSU

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**TOTAL CREDITS (US CTS)** 20

## Year 2 at Unibo

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**TOTAL CREDITS (ECTS)** 60
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### Students enrolled at UABSU First year

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### Students enrolled at UABSU Final year

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ANNEX 2 - CONVERSION TABLE OF GRADES

The following table for converting grades will be applied:

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<thead>
<tr>
<th>Grades @ NCSU</th>
<th>Grades @ UNIBO</th>
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<tr>
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<tr>
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<tr>
<td>A-</td>
<td>28</td>
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<td>D+</td>
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<td>D</td>
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<td>D-</td>
<td>18</td>
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<td>F</td>
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ANNEX 3 - REFERENCE OFFICES

Alma Mater Studiorum – Università di Bologna
Office: Settore Servizi Didattici "Ingegneria-Architettura"- Ufficio Supporto alla didattica e ai corsi di studio – DICAM Area Formazione e Dottorato – AFORM
Dott.ssa Alessia Di Cintio, Serena Trapani
Address: Viale del Risorgimento 2 – 40136 Bologna
Ph.: +39 051 20 93956
E-mail: dicam.didattica@unibo.it

Office: Area Formazione e Dottorato – AFORM- Alma Mater Studiorum - Università di Bologna
Dott.ssa Lara Sorrentino, Coordinatrice Generale Settore Servizi Didattici "Ingegneria-Architettura"
General Coordinator Engineering and Architecture Education Services
Address: Viale del Risorgimento 2 – 40136 Bologna
Ph: +39 051-2093758; +39 3397344600
E-mail: lara.sorrentino@unibo.it

North Carolina State University
Chemical and Biomolecular Engineering Department:
Dr. Sindee Simon, Professor and Head, Department of Chemical and Biomolecular Engineering, Engineering Building 1, slsimon@ncsu.edu, (919) 515 7455
Dr. Saad Khan, INVISTA Professor, Dept. of Chemical and Biomolecular Engineering, khan@ncsu.edu, Engineering Building 1, room 2034, (919) 515 4519
Dr. Stefano Menegatti, Assistant Professor, Dept. of Chemical and Biomolecular Engineering, smenega@ncsu.edu, Engineering Building 1, room 1054, (919) 515 6398

College of Engineering:
Dr. Richard Gould, Interim Associate Dean for Graduate Programs, gould@ncsu.edu, Engineering Building 3, (919)-515-5236
Dr. Louis A. Martin-Vega, PhD, Dean - College of Engineering, lmartinv@ncsu.edu, Fitts-Woolard Hall, (919)-515-2311
The College of Education

The College of Education’s mission is to be a voice of innovation for learning across the lifespan, prepare professionals who educate and lead, and engage in inquiry and practice that reflect integrity, a commitment to social justice and the value of diversity in a global community.

The college works to fulfill NC State’s land-grant mission by preparing extraordinary educators, conducting transformational research and providing extension and engagement with communities across the state of NC. The college has designed initiatives and programs around these areas to realize its vision to lead the way in North Carolina in increasing resources and opportunities for educational success.

The college has experienced remarkable growth over the past five years, achieving highs in enrollment, rankings, giving and research funding. Today, the college is one of the nation’s top-ranked public colleges of education and has multiple programs ranked in specialty categories. With projects, partnerships and field placements in 92 counties and alumni in all 100 counties in North Carolina, the college’s work impacts nearly every child, family and community in the state.

The college has over 1,920 students studying across five graduate certificates, seven undergraduate majors, two undergraduate minors, 13 master’s degrees, three Ph.D. and two Ed.D. programs housed in three academic departments: Educational Leadership, Policy, and Human Development; Science, Technology, Engineering, and Mathematics Education; and Teacher Education and Learning Sciences, with approximately 130 tenure-track and professional-track faculty and 90 support and professional staff. The college is also home to the Belk Center for Community College Leadership and Research and the Friday Institute for Educational Innovation.
Faculty are widely-recognized thought leaders using their research to transform the practice of teaching, learning and leading. They have particular strengths in improving technology-enhanced learning and teaching in STEM education and literacy; increasing diversity, equity, inclusion and access in education; and innovating leadership development, educational policy and evaluation. School districts, community colleges, nonprofits, foundations, legislators and the news media regularly seek their expertise. Faculty include a Robert Foster Cherry Award for Great Teaching finalist, the president-elect of the Association for the Study of Higher Education and NSF CAREER grant recipients.

More than 70% of the faculty have active grants, and faculty are engaged in 120 funded research projects totaling more than $84 million, making them the most productive in terms of research activity than any college of education in North Carolina and the 15th most in the nation. Research expenditures in FY 2021 exceeded $17.2 million.

The college’s 16,900-plus living alumni are among the most effective educators, counselors and leaders in North Carolina and across the nation. They include teachers, counselors, principals and community college presidents of the year; superintendents and senior-level school system administrators; business owners; a four-term governor; and even a Super Bowl-winning coach.

In FY 2021, the college received its highest amount in philanthropic investments in a single year, including $725 million to establish the Transformational Scholarships Program and prepare 100 teachers for Eastern North Carolina. This new program is one way the college is working to diversify the education workforce and to advance diversity, equity and inclusion so all learners have the opportunity to thrive. The entire college is actively engaged in a transformative process to become an anti-racist college of education.
The Opportunity

NC State invites applications and nominations for the position of dean of the College of Education. The university seeks a leader committed to: expanding the college’s foundation of groundbreaking research and scholarship; promoting a strong reputation of service built over the last five years; and boldly opening up the college to additional areas of national renown. This leader must understand the college’s role in education at the statewide and national levels, and have a vision for advancing education for students, teachers, counselors and administrators.

The Position

The dean is the chief academic, administrative and budgetary officer and spokesperson for the college, and reports directly to the provost. The dean provides strong leadership and strategic direction for the college’s academic departments, programs and initiatives within a complex fiscal and personnel environment.

The dean must be an experienced leader with a distinguished record of scholarship in education (as evidenced by publications, grants, and other scholarly accomplishments) and a deep appreciation for the scholarly and practical importance of education. The dean will be committed to efforts to develop and promote innovation for learning across the life span and to recruit, retain and lead a diverse community of students, faculty and staff to achieve this goal.

The dean is responsible for the following:

• Providing strong leadership and strategic direction for the college;
• Representing the college within the university at a skilled, politically-astute level with respect to campus resources and issues;
• Providing innovative leadership in maintaining and advancing the college’s academic and research excellence within the university and relative to national and international peers;
• Representing the diverse clientele, programs and interests of the college persuasively to both internal and external constituencies;
• Engaging with internal and external constituencies regarding the development, implementation and evaluation of programs;
• Promoting a culturally responsive and inclusive environment, with a strong commitment to recruiting and retaining diverse faculty, staff and students;
• Openly communicating in a transparent manner that provides clarity in financial management and decision-making;
• Efficiently managing the financial resources of the college and effectively advocating for resources;
• Being a successful fundraiser and a visible, interactive participant in external-facing activities with alumni and donors;
• Effectively linking educational programs within the college to the broader university culture and mission particularly in relation to the preparation of educational researchers and professionals;
• Recognizing and valuing the contributions of everyone in the college; and
• Encouraging the high-performance and excellence of faculty, staff and units within the college and the delivery of high-quality academic programs.
Qualifications

The successful candidate will possess most, if not all, of the following qualities or experience:

- Evidence of working effectively and collaboratively with faculty, university administration, and other constituent groups and partners both within and outside the university;
- Ability to play a key role in university leadership, advocating for the college and forging advantageous and strategic connections across colleges;
- A clear commitment to excellence in research and scholarship;
- Outstanding communication skills, including interpersonal, written, verbal, presentation and listening capabilities;
- A proven record of success in setting priorities, allocating resources and achieving specific goals;
- An affinity for fundraising, and the ability to contribute to and lead relationship-based development efforts, including partnering with the Friday Institute for Educational Education and the Belk Center for Community College Leadership and Research;
- Ability to function in a complex, high-demand environment, balancing and executing internal and external responsibilities;
- Demonstrated commitment to advancing the diversity, equity and inclusion initiatives within the college;
- Distinguished record of scholarship in education; and
- A terminal degree in their field and qualifications for an appointment as a full professor with tenure in at least one of the departments within the college.

How to Apply

Inquiries, nominations and applications are invited and may be directed to Justin Lang, director, NC State Executive Search Services, at (919) 513-1963 or jdlang2@ncsu.edu.

Confidential review of applications will begin in December 2021, and will continue until the position is filled. Candidates should provide a resume or curriculum vitae, cover letter, and the names and contact information of three references. References will not be contacted without prior knowledge and approval of candidates. These materials may be submitted online at https://jobs.ncsu.edu/ (position #00001605). General inquiries and nominations can be sent directly to NC State Executive Search Services: Frank Barragan, at (919) 515-4365 or fbbarrag@ncsu.edu or Justin Lang, at (919) 513-1963 or jdlang2@ncsu.edu.
About NC State

At NC State, we create prosperity for North Carolina and the nation. We value diversity, equity, inclusion and justice. We began as a land-grant institution grounded in agriculture and engineering. Today, we’re a pre-eminent research enterprise that excels across disciplines.

NC State is a powerhouse in science, technology, engineering and math. We lead in agriculture, education, textiles, business and natural resources management. We’re at the forefront of teaching and research in design, the humanities and the social sciences. And we’re home to one of the world’s best colleges of veterinary medicine.

Our more than 36,000 undergraduate and graduate students learn by doing. They pursue original research and start new companies. They forge connections with top employers and serve communities local and global. Through it all, they enjoy an outstanding return on investment.

Whether it’s Princeton Review ranking NC State among the nation’s best values for universities, Money magazine naming it the No. 1 best college for your money in North Carolina, or U.S. News & World Report ranking NC State among the top 10 best values in public higher education, the university has many reasons to be proud.

Each year, NC State adds $6.5 billion to the statewide economy, equivalent to creating more than 90,000 new jobs. That represents a significant return on investment for the citizens of North Carolina in the form of research advances, innovative technologies, successful companies, skilled graduates and new jobs waiting for them.

Our 9,600 faculty and staff are world leaders in their fields, bridging the divides between academic disciplines and training high-caliber students to meet tomorrow’s challenges. Together, they forge powerful partnerships with government, industry, nonprofits and academia to remake our world for the better. We expect everyone to give of their talents, skills, time and effort to make NC State an environment of inclusive excellence for all.

About Raleigh and North Carolina

North Carolina’s rapid growth makes the state a diversity leader and top spot for young professionals and families. Raleigh reflects statewide growth as a city on the rise:

- No. 2 among the best places to live in the U.S. (U.S News & World Report, 2021)
- No. 5 among the best-performing economies in the U.S. (Milenk Institute, 2021)
- One of America’s top 10 recession-resistant cities (Smartasset, 2020)
- Among the top 10 “Best Cities to Move to Right Now” (Curbed, 2020)

With Durham and Chapel Hill, the capital city anchors the Research Triangle, a national hotspot for high-tech enterprise. The region’s top companies — including IBM, Cisco Systems, SAS Institute, Biogen Idec and GlaxoSmithKline — rank among the country’s best employers. NC State also maintains strong agricultural partnerships with Bayer, BASF and Syngenta, companies that lead the way in hiring new NC State graduates.

Celebrating its 134th year in 2021, NC State continues to make its founding purpose a reality. Every day our career-ready graduates and world-leading faculty make the fruits of learning, discovery and engagement available to people across the state, throughout the nation and around the world.
NC State provides equal opportunity and affirmative action efforts, and the university prohibits all forms of unlawful
discrimination, harassment and retaliation that are based upon a person’s race, color, religion, sex (including pregnancy),
national origin, age (40 or older), disability, gender identity, genetic information, sexual orientation or veteran status.
Job Prospectus for the Dean,
College of Veterinary Medicine

NC State University

Raleigh, NC  |  Winter 2021
The College of Veterinary Medicine

As one of the top veterinary schools in the country, the NC State College of Veterinary Medicine is committed to being a leader in professional education, clinical service and research. The college also has an essential role to play in improving the quality of life for the citizens of North Carolina, the nation and the world. The college’s mission is to advance the veterinary profession and animal and human health through ongoing discovery and medical innovation; provide animals and their owners with extraordinary, compassionate medical care; and prepare the next generation of veterinarians and biomedical research scientists. The college is fully accredited by the American Veterinary Medical Association Council on Education.

The college anchors the 250-acre Centennial Biomedical Campus, an extension of NC State’s Centennial Campus. Instruction is provided through three academic departments: Clinical Sciences, Molecular Biomedical Sciences, and Population Health and Pathobiology. There are approximately 400 students enrolled in the Doctor of Veterinary Medicine professional program and over 90 students enrolled in the multidisciplinary Comparative Biomedical Sciences graduate program. The college and teaching hospital are supported by more than 150 faculty and 450 staff members, and over 100 house officers (interns and residents). A unique feature of the campus is the 80-acre Teaching Animal Unit, a dynamic teaching lab for students to learn husbandry, production management and livestock production procedures.

Diversity and inclusion are critical to the success of the college, which promotes a values-driven culture of mutual respect that supports all of its community members, prioritizes relationships and collaborations, and promotes innovation and the pursuit of one’s passions. DVM students develop key competencies necessary for success in private practice, industry, government and academia. The curriculum includes instruction and practice in teamwork, client interactions, and public communication as well as the development of interpersonal and organizational skills.
The NC State Veterinary Hospital sees an average of 35,000 cases annually. Clinical faculty include internationally recognized certified specialists in over 30 disciplines, supported by highly trained veterinary technicians and staff. Small animal services are available across 17 specialty departments and equine services are available across six departments. The Veterinary Hospital provides state-of-the-art patient care for companion animals, equine and farm animals spread across three main facilities: The Randall B. Terry, Jr. Companion Animal Veterinary Medical Center, the Equine and Farm Animal Veterinary Center and the Veterinary Health and Wellness Center.

The college’s world-leading faculty and clinicians are at the forefront of interdisciplinary biomedical innovation, conducting solution-driven research that defines the interconnections between animal and human health. Research programs at the college represent more than 20 species in 9 research areas of emphasis: biological barriers, computational biology and bioinformatics, gastroenterology, genetics, global health, immunology, infectious disease, neurobiology, pharmacology, regenerative medicine, and spontaneous animal disease models. The college is also a participant in four university initiatives, research centers and institutes: the Genetics and Genomics Initiative, the Bioinformatics Research Center, the Center for Marine Sciences and Technology, and the Comparative Medicine Institute. In addition to participating in interdisciplinary collaborations within the university, the college engages in research partnerships with local higher education institutions, including UNC-Chapel Hill and Duke University.

The college expended $101.8 million in FY 2020, with research expenditures totalling $21.6 million and endowment assets of $88.7 million.
The Opportunity

NC State invites applications and nominations for the position of dean of the College of Veterinary Medicine. The university seeks a visionary leader with a bold commitment to advance the veterinary profession and animal health through ongoing discovery and medical innovation; provide animals and their owners with extraordinary, compassionate medical care; and prepare the next generation of veterinarians and veterinary research scientists.

The Position

The dean of the College of Veterinary Medicine is the chief academic, administrative, and budgetary officer and spokesperson for the college and reports directly to the executive vice chancellor and provost. The dean provides strong leadership and strategic direction for the college's three departments and the NC State Veterinary Hospital.

The dean must be an experienced, innovative, creative and collaborative leader with the ability to understand the unique nature of the college’s internal and external stakeholders, which include animal owners across North Carolina and beyond, alumni, donors and state officials. The dean should have significant experience as an administrator and excellent communication skills. The dean must understand the current state of the veterinary medical field, with a keen awareness of where the field is headed and how to lead the college and the university in that direction. The dean should truly understand and value interdisciplinarity and be committed to working with NC State deans and other universities to build and grow interdisciplinary research programs. The dean will be expected to strengthen the college’s position as a national leader and ensure that it is one of the best places in the country for faculty to work, collaborate and realize their professional potential.

The dean is responsible for the following:
• Providing strong leadership and strategic direction for the college;
• Representing the college within the university at a skilled, politically-astute level with respect to campus resources and issues;
• Representing the diverse clientele, programs and interests of the college persuasively to both internal and external constituencies;
• Promoting a culturally competent and inclusive environment, with a strong commitment to recruiting and retaining diverse faculty, staff and students;
• Openly communicating in a transparent manner that provides clarity in financial management and decision-making;
• Efficiently managing the financial resources of the college and effectively advocating for resources;
• Being a successful fundraiser and a visible, interactive participant in external-facing activities with alumni and donors;
• Recognizing and valuing the contributions of everyone in the college;
• Fostering high-impact interdisciplinary collaboration and partnership within the college and externally with other programs; and
• Encouraging the high-performance and excellence of faculty, staff and units within the college and the delivery of high-quality academic programs.
Qualifications
The successful candidate will possess most, if not all, of the following qualities or experience:

- Evidence of working effectively and collaboratively with faculty, university administration, and other constituent groups and partners both within and outside the university;
- Ability to play a key role in university leadership, advocating for the college and forging advantageous and strategic connections across colleges;
- A clear commitment to excellence in research, teaching and DVM and graduate education;
- Outstanding communication skills, including interpersonal, written, verbal, presentation and listening capabilities;
- A proven record of success in setting priorities, allocating resources and achieving specific goals;
- An affinity for fundraising, and the ability to contribute to and lead relationship-based development efforts, including partnering with the North Carolina Veterinary Medical Foundation;
- Ability to function in a complex, high-demand environment, balancing and executing internal and external responsibilities;
- Distinguished record in research, teaching and outreach/engagement;
- Candidates must have a Doctor of Veterinary Medicine degree; and
- A graduate degree and/or board certification in a specialty recognized by the American Veterinary Medical Association is preferred.

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NC State provides equal opportunity and affirmative action efforts, and the university prohibits all forms of unlawful discrimination, harassment and retaliation that are based upon a person's race, color, religion, sex (including pregnancy), national origin, age (40 or older), disability, gender identity, genetic information, sexual orientation or veteran status.