

MORE THAN THE SUM OF IT'S PARTS?: ARTICULATING THE VALUE OF FORMAL DEGREES

Clay Gloster

Vice Provost and Dean of the Graduate College

CGS Annual Meeting, New Orleans, Louisiana
Dec. 2, 2021



North Carolina Agricultural & Technical State University

- **Vision:** North Carolina A&T State University will be recognized as a preeminent land-grant university and the institution of choice for high-achieving students who are inspired by outstanding teaching and learning, civic engagement, transformative research, and creative scholarship to solve societal challenges.
- **Mission:** North Carolina Agricultural and Technical State University is an 1890 land-grant doctoral research university dedicated to learning, discovery, and community engagement. The University provides a wide range of educational opportunities from bachelors to doctoral degrees in both traditional and online environments. With an **emphasis on preeminence in STEM** and a commitment to excellence in all its educational, research, and outreach programs, North Carolina A&T fosters a climate of economic competitiveness that prepares students for the global society. (Approved by the UNC Board of Governors, Feb. 21, 2014)





ABOUT US -- NORTH CAROLINA A&T STATE UNIVERSITY



Land Grant Institution founded in 1891 and located in Greensboro, NC

Largest HBCU in the Nation

Grants more degrees to African American Engineers and Women than any other 4- Year Institution in the Nation

Third in the UNC System in funded research (> \$70 million in AY 20-21)

Boasts 7 Colleges, a Graduate College, and a Joint School of Nanoscience and Nanotechnology (\$56 million facility with fab)



The Graduate College

Programs and Enrollment

- 11 Ph.D. programs
 - > Agriculture and Environmental Sciences, Applied Science and Technology, Computational Data Science and Engineering, Computer Science, Electrical Engineering, Industrial and Systems Engineering, Leadership Studies, Mechanical Engineering, Nanoengineering, Rehabilitation Counseling & Education, Social Work
- 30 Master's programs
 - > Master of Arts in Teaching, Master of Business Administration, Mental Health Counselor Education, MS Information Technology,
- 20 graduate certificate programs
 - > Human Lactation, Cybersecurity, Data Analytics, Micro and Nano Devices

A&T Enrollment: 13,322
Graduate Enrollment: 1,726

GRADUATE CERTIFICATES OFFER ADVANTAGES



**NORTH CAROLINA AGRICULTURAL
AND TECHNICAL STATE UNIVERSITY**
THE GRADUATE COLLEGE

**NEW ONLINE GRADUATE
CERTIFICATE PROGRAMS**
Cybersecurity: 12 Credit Hours
Data Analytics: 12 Credit Hours

APPLY NOW!

**LEARN
AND
EARN
MORE!**

**INDIVIDUAL ATTENTION.
ADVANCED KNOWLEDGE.**

Thirteen New Graduate Certificate Programs (AY 20-21 and 21-22)

- Data Analytics
- Cybersecurity
- Environmental Science
- Environmental Justice
- Environmental Health and Safety
- Environmental Engineering
- Data Driven Modeling and Analysis (DMAC)
- Human Lactation
- Autonomy
- Advanced Materials
- Micro and Nano Devices
- Systems and Synthetic Biology
- STEM Entrepreneurship

Example Graduate Certificate Programs

Cybersecurity and Data Analytics

- Each certificate is 12 credit hours
- Students must complete two core courses and two elective courses.
- Data Analytics is joint between the College of Engineering, College of Science and Technology, and the Willie Deese College of Business and Economics
- Cybersecurity is joint between the College of Engineering and the College of Science and Technology.



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**INCREASE YOUR
EARNING
POTENTIAL
GET A CERTIFICATE
FROM N.C. A&T SU**

 **INDIVIDUAL ATTENTION.
ADVANCED KNOWLEDGE.**



Graduate Certificate Programs for Strategic Enrollment Growth



**MOVE
FORWARD
WITH
PURPOSE**
**N.C. A&T
GRADUATE
SCHOOL**

APPLY BY JULY 1!

 NORTH CAROLINA AGRICULTURAL
AND TECHNICAL STATE UNIVERSITY
THE GRADUATE COLLEGE

- Students not admitted into an MS degree program can enroll in a stand-alone graduate certificate program.
- Graduate certificate programs can provide an alternative pathway to graduate education for students from underserved groups.
- Students enrolled in graduate certificate programs can receive financial aid.
- An institution can deploy a new graduate certificate program rapidly.
- Students enrolled in a graduate certificate program can serve as a feeder program for current/future master's degree programs.

