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
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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

More than the Sum of It’s Parts?

New Online Graduate Certificate Programs

Cybersecurity: 12 Credit Hours
Data Analytics: 12 Credit Hours

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

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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.
Graduate Certificate Programs for Strategic Enrollment Growth

- 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.