

**North Carolina A&T State University**  
**The College of Science and Technology Department**  
**of Built Environment**  
**Curriculum: Post Baccalaureate Certificate in G I S**

Date of Initiation: Fall 2023

Degree Requirement Total Credit Hours: 12

Core Courses (6 credits): GEOMATICS 710 and GEOMATICS 831

Technical Electives (6 credits): GEOMATICS 612, GEOMATICS 620, GEOMATICS 640,  
 GEOMATICS 650, GEOMATICS 660, GEOMATICS 670, GEOMATICS 720, GEOMATICS 845,  
 GEOMATICS 885, STAT 824, CES 708, CIEN 754, CIEN 700

<b>Core Courses</b>	<b>Names</b>	<b>credits</b>
GEOMATICS 710	Geospatial Techniques and Analysis	3 credit hrs.
GEOMATICS 831	Advanced Geospatial Analysis	3 credit hrs.
<b>Electives Courses ( choose two)</b>		
GEOMATICS 650	Land Information Systems and Management	3 credit hrs.
GEOMATICS 660	Applied Geodetic Measurements	3 credit hrs.
GEOMATICS 670	Advanced Boundary Research	3 credit hrs.
GEOMATICS 720:	Advanced Imaging	3 credit hrs.
GEOMATICS 845:	Methodologies of Applied Remote Sensing	3 credit hrs.
GEOMATICS 885	Special Topics	3 credit hrs.
STAT 824	Biostatistics Health Analytics	3 credit hrs.
CIEN 754 -		3 credit hrs.
CSE 708:	Data Analytics and Engineering Applications	3 credit hrs.
CIEN 700 -	Emerging Technologies in CIEN	3 credit hrs.

**Please see catalog for course descriptions**