

**BIOLOGICAL AND PHYSICAL SCIENCES TO INFORMATION TECHNOLOGY AND MANAGEMENT
BACHELOR OF ARTS (B.A.) OR BACHELOR OF SCIENCE (B.S.) TO
MASTER OF SCIENCE (M.S.)
COMBINED PROGRAM**

Computer Science Data Analytics Concentration

(Minimum of 150 credits required)

The B.A. or B.S. degree is completed at the Wilkes Honors College (WHC), and students then receive their bachelor's degree from WHC. Students complete their master's degree work in [Information Technology and Management with Computer Science Data Analytics Concentration](#) in the Department of Electrical Engineering and Computer Science in the College of Engineering and Computer Science and receive their master's degree from that college.

The Undergraduate/Graduate Coursework and Admissions requirements [detailed above](#) must be satisfied by students interested in this combined program. Students must also complete the prerequisite coursework for the master's degree while pursuing the bachelor's degree at WHC as listed with the [M.S. in Information Technology and Management, Computer Science Data Analytics Concentration](#). This combined program provides an attractive way for students to continue their graduate work. The undergraduate program is completed first, and the entire combined program can be completed in approximately five years.

Degree Requirements

To be eligible for the combined B.A. or B.S. in Biological and Physical Sciences to M.S. in Information Technology and Management with Computer Science Data Analytics Concentration degree program, students must fulfill the following requirements:

1. Completion of the requirements for the B.A. or B.S. in Biological and Physical Sciences at the WHC, and any other requirements stipulated by the College and University; and
2. Completion of all requirements for the M.S. in Information Technology and Management with Computer Science Data Analytics Concentration program in the Engineering and Computer Science Department with either the thesis or non-thesis option.

**M.S. in Information Technology and Management
with Computer Science Data Analytics Concentration**

Prerequisites for M.S. in ITM	Prereqs	Credits	College taken at
COP 3035C Intro to Programming in Python or COP 2000 Honors Foundations of Programming		3	COECS (online) or WHC
MAC 2311 Honors Calculus I		4	WHC
STA 2023 Honors Intro Statistics		3	WHC
CEN 3062C Intro to Software Design	COP 3035C	3	COECS (online)
COP 3410C Data Structures and Algorithm Analysis with Python	MAD 2104 and CEN 3062C	3	COECS (online)