

**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**

**Advanced Information Technology 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 Advanced Information Technology 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, Advanced Information Technology 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 Advanced Information Technology 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 Advanced Information Technology 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 Advanced Information Technology Concentration**

| <b>Prerequisites for M.S. in ITM</b>                                                      | <b>Prereqs</b>         | <b>Credits</b> | <b>College taken at</b>  |
|-------------------------------------------------------------------------------------------|------------------------|----------------|--------------------------|
| COP 3035C Intro to Programming in Python<br>or COP 2000 Honors Foundations of Programming |                        | 3              | COECS (online)<br>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)           |