

Academic Justification

The Wilkes Honors College (WHC) and the College of Engineering and Computer Science (COECS) propose a new combined program, where students will complete the BA or BS degree in Liberal Arts and Sciences in the WHC and then continue with an MS degree in Information Technology and Management with Computer Science Data Analytics Concentration in the COECS. The program requires at least 120 credits in the bachelor's degree and at least 30 credits in the MS degree. The students will take the prerequisite courses while pursuing the bachelor's degree, ensuring a smooth transition into the MS program in Information Technology and Management with Computer Science Data Analytics Concentration.

The combined program preserves and enhances the quality of both degrees. Students in any concentration in the WHC can apply to this program, but they will have to take prerequisite courses which will improve their background for the master's program, see Table 1. This combined program is open to talented students who have a cumulative FAU GPA of 3.25 or better. Students can apply to the MS program at the end of their junior year (e.g. after completing at least 90 credits). Bachelor students who take graduate courses (5000 – level or higher) in the department of Computer and Electrical Engineering and Computer Science (CEECS) may count up to 9 credits of approved graduate coursework (5000 level or higher) toward both their bachelor's and master's degrees as long as the combined program totals a minimum of 150 credits.

Table 1. Prerequisite courses to be completed during the bachelor's degree

MS in Information Technology & Management (ITM)		
Concentration in Computer Science Data Analytics		
Comp. Science Data Analytics prereqs	College taken at	Prereqs
COP 2220	CEECS (online)	
MAD 2104	CEECS (online)	
COP 3014	CEECS (online)	COP 2220
COP 3530	CEECS (online)	MAD 2104, COP 3014, COP 2220
CDA 3201C	CEECS	COP 2220
CDA 4102 or CDA 3331C or CDA 4204 COP 3540	CEECS (online) CEECS CEECS CEECS (online)	CDA 3201C, COP 2220 CDA 3201C, COP 2220 CDA 3201C, CDA 3331C
MAC 2312	HC	MAC 2311
STA 2023	HC	

CATALOG SPECIFICATIONS

B.A or B.S. in Liberal Arts and Sciences to M.S. in Information Technology and Management with Computer Science Data Analytics Concentration Degree Program

The Wilkes Honors College (WHC) and the College of Engineering and Computer Science (COECS) offer a combined Bachelor of Arts or Bachelor of Science in Liberal Arts and Sciences to Master of Science in Information Technology and Management with Computer Science Data Analytics Concentration degree program. The Bachelor of Arts or Bachelor of Science in Liberal Arts and Sciences will be completed in the WHC at FAU and the students will receive the bachelor's degree from the WHC. Students will do the Master of Science in Information Technology and Management with Computer Science Data Analytics Concentration in the Department of Computer and Electrical Engineering and Computer Science at FAU and will receive the master's degree from the COECS.

Students may count up to 9 credits of approved graduate coursework (5000 level or higher) toward both their bachelor's and master's degrees as long as the combined program totals a minimum of 150 credits and:

1. The student has met the minimum 120 credits for the bachelor's degree; and
2. The student has taken a minimum of 30 credits in 5000 level or higher courses for the master's program.

Students must complete the prerequisite coursework for the master's degree while pursuing the bachelor's degree at the WHC. This combined program provides an attractive way for students to continue their graduate work. Students complete the undergraduate program first. The combined program can be completed in approximately five years.

Admission Requirements

The GRE requirement is waived for this combined program. To be eligible for the combined program, the bachelor's students in the WHC should:

1. Have a cumulative FAU GPA of 3.25 or better at the end of their junior year. Note that the cumulative FAU GPA of at least 3.25 must be maintained until the completion of the bachelor's degree in the WHC.
2. Formally apply to the combined program, completing the admissions process at least one semester prior to the beginning of the M.S. portion of their program.

Students in the combined program must maintain continuous enrollment to remain in good standing. Students must also meet all the degree requirements of the graduate program they have chosen, including prerequisite courses.

Degree Requirements

To be eligible for the combined B.A or B.S. in Liberal Arts and 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 Liberal Arts and Sciences in the WHC, and other requirements stipulated by the University and College
2. Completion of all requirements for the M.S. in Information Technology and Management with Computer Science Data Analytics Concentration program in the CEECS department, on either the thesis or non-thesis option.