DATA ANALYTICS AND AI (M.S.)

The Master of Science (M.S.) in Data Analytics and AI program prepares students for managerial and technical positions requiring skills in Analytics, Machine Learning, Artificial Intelligence and Information Systems. Students will acquire skills in developing information systems, making data-driven decisions and leveraging the skills in analytics, machine learning and AI for coming up with solutions to various business problems. In addition to hard skills such as programming, big data analytics, machine learning, predictive analytics, cybersecurity, and data mgt. students will also acquire managerial skills such as IT and AI strategy and Project Management. The program welcomes students with different academic and professional backgrounds.

Program Admission Requirements

- Submit an FGCU Graduate Admissions Application (https://www.fgcu.edu/admissionsandaid/graduateadmissions/) and satisfy all applicable university admissions requirements.
- Earned baccalaureate degree from an institution that maintains accreditation by a U.S. Department of Education sanctioned accrediting body (https://www.ed.gov/laws-and-policy/higher-education-laws-and-policy/college-accreditation) or equivalent foreign institution.
- Official copies of all academic transcripts
- Minimum GPA of 3.0 (or equivalent) or greater (on a 4.0 scale) for the last sixty (60) hours of the baccalaureate degree.
- Minimum GMAT score of 450 taken within the last five years or an equivalent GRE score
- International students must demonstrate English language proficiency in accordance with University regulation.
- Students with a GPA between 2.50 and 2.99 for the last sixty (60) hours of the baccalaureate degree may be considered on a case-by-case basis if they meet the following:
  - Minimum GMAT of 500 -and-
  - Upper level GPA x 200 + GMAT = 1050 (or equivalent GRE score) OR
  - Minimum GMAT Focus Edition of 505 -and-
  - Upper level GPA x 200 + GMAT Focus Edition = 1055
- GMAT/GRE requirement will be waived if the applicant holds:
  - A doctoral or comparable terminal degree -or-
  - An undergraduate degree from an AACSB accredited business program with a 3.0 GPA in upper division coursework (last 60 credit hours) within the last 7 years -or-
  - A graduate degree from a regionally accredited U.S. college or university (or equivalent foreign institution)

Resources:
(#1) Full listing of AACSB-Accredited Universities and Business Schools
(#2) GMAT and GRE score equivalency is established using https://www.in.ets.org/gre/bschool-comparison-tool.html

- A GMAT waiver request is on a case-by-case basis with evidence of a minimum 4 years of managerial and budgetary experience. Applicants requesting a GMAT waiver based on work experience must submit the following documents (by the program admissions deadline) to the Office of Graduate Admissions (grad_docs@fgcu.edu):
  - Signed Waiver Request Checklist
  - Formal Letter (addressed to the LCOB Graduate Admissions Committee) requesting a GMAT waiver. The letter should complement the resume by supporting and elaborating on the managerial and budgetary experience (minimum of four years).
  - Formal Resume indicating 4 years of managerial experience in a professional business setting such as economics, finance, accounting, business management, human resources, marketing, information systems, data analytics, etc., which includes experience with maintaining, managing, and/or operating a budget.

Please note:
The LCOB Graduate Admissions Committee reserves the right to request verification of the four years of experience from the applicant's employer.

Program Progression and Additional Graduation Requirements

- Complete a minimum of 30 credits.
- Earn a cumulative GPA of 3.0 for all coursework in the program.
- Satisfy all degree requirements within 7 years from the time of admission to the program.
- Maintain minimum 3.0 cumulative grade point average on a 4.0 scale throughout the program (see the Probation/Dismissal section of the Graduate Student Guidebook).
- Earn a grade of C or better in each course. A grade of C minus (C-) is considered less than a C. Only two grades of C are allowed in the entire program.
- A student who receives three grades of "C" or lower is automatically suspended from the program (see Probation/Dismissal section of the Graduate Student Guidebook).
- Students may transfer a maximum of six credits of approved graduate level coursework from an institution that maintains accreditation by a U.S. Department of Education sanctioned accrediting body (https://www.ed.gov/laws-and-policy/higher-education-laws-and-policy/college-accreditation) or equivalent foreign institution. All transfer courses must have been completed within the past six years with a grade of B or higher. The evaluation of academic transcripts and articulation of transfer courses must be approved by the appropriate academic department. Refer to course waiver guidelines above.
- Submit an application for graduation by the semester deadline listed in the FGCU Academic Calendar.
- Students must register for a minimum of one credit during the semester in which they apply for graduation.

Program Requirements

Code	Title	Credits
Required Courses in the Major		**(30 credits)**
ISM 6136	Predictive Analytics and ML	3
ISM 6217	Data Management	3
ISM 6251	Programming for Analytics & ML	3
ISM 6316	Project Management	3
ISM 6328	Cybersecurity Management	3
ISM 6404	BI and Visualization Tools	3
ISM 6422	AI/ML Tools for Business	3

ISM 6488	IT and AI Strategy	3
ISM 6562	Big Data Analytics & Mgt	3
QMB 6303	Data Driven Decision-Making	3

Total Credits Required: 30