University of Delaware
Lerner College of Business and Economics

Department of Accounting & Management Information Systems (MIS)

Masters of Science in Business Analytics and Information Management (BAIM)

PROGRAM POLICY STATEMENT

I. Master of Science in Business Analytics and Information Management (BAIM) degree program

The Department of Accounting & Management Information Systems (MIS) offers a program of study leading to the Masters of Science degree in **Business Analytics and Information Management (BAIM)**. The program offers study to outstanding candidates with backgrounds in business or a technical area such as computer science or engineering. The MS in BAIM program prepares students to become innovative leaders by mastering business analytics, technology and managing people.

This MS in BAIM program qualifies as a Science, Technology, Engineering, Math (STEM) Optional Practical Training (OPT) program, which allows international students in a technical field to apply for a 24-month extension to their OPT period.

Students may attend on a part-time or full-time schedule. The estimated time to completion for a full-time student is 12-16 months.

The Lerner College of Business and Economics offers a dual degree MBA/MS in Business Analytics and Information Management.

The Lerner College of Business and Economics the College of Engineering offers a dual degree MS in Business Analytics and Information Management/MS in Cybersecurity.

II. Admission requirements and procedures

Minimum requirements for admission to the MS in BAIM degree program:
- Undergraduate GPA 3.0 in the major field of study
- Graduate GPA (if applicable) should be at least 3.2
- GMAT test score minimum of 550 or GRE Quantitative score of 152 or above, Verbal score of 150 or above and Analytical Writing score of 4
- TOEFL IBT - minimum score of 100 is required for international students
- One year of work experience.

Applicants must upload the following to the online application:
- Official transcripts of all previous college records
- Provide a statement of objectives and interests
- Two essays
- Two letters of recommendations
- Resume
- Official test scores
  - GMAT (preferred) or GRE
  - TOEFL for international students

Admission to the graduate program is selective and competitive based on the number of well-qualified applicants and the limits of available faculty and facilities. Those who meet stated minimum requirements are not guaranteed admission, nor are those who fail to meet all of the requirements necessarily precluded from admission if they offer other appropriate strengths.

Admission will be decided by the Graduate Director in consultation with an admission committee composed of faculty who participate in the program.

Application for fellowship, tuition scholarship, or assistantship financial aid is a part of the admission application form and is made at the time of application.

III. Academics
Requirements for the MS in BAIM are completion of 30 graduate credit hours.

BAIM Foundation Courses (9 credits)
    MISY 604 Database Design and Implementation
    MISY 662 Fundamentals of Business Analytics
    MISY 685 Introduction to Business Programming

BAIM Core Courses (21 credits)   (Choose seven courses from the following)
1. ACCT - 602 - Big Data Technologies
2. ACCT - 605 - Current Issues In Emerging Technologies
3. BUAD - 620 - Fundamentals of Analytics
4. BUAD - 621 - Decision Analytics and Visualization
5. BUAD - 625 - Business Analytics Capstone
6. CPEG - 665 - Introduction to Cybersecurity
7. MISY - 610 - Telecommunications and Networking
8. MISY - 615 - Enterprise Architecture and Business Strategy
9. MISY - 648 - Business Intelligence and Analytics
10. MISY - 641 - Data Mining for Business Analytics
11. MISY - 640 - Project Management and Costing
12. MISY - 650 - Security and Control
13. MISY - 655 - Ethics in Technology Management
14. MISY - 627 - Information Technology and Organizational Effectiveness
15. MISY - 675 - Dashboard Design and Storytelling
16. ACCT - 604 - Database Design and Implementation
17. BUAD - 651 - Generative AI for Business Analytics
18. ECON - 626 - Generative AI for Data Visualization

19. MISY - 603 - Cybersecurity Management
20. MISY - 607 - Data-Driven Causal Inference
21. MISY - 608 - Data and Analytics
22. MISY - 635 - Visual Analytics
23. MISY - 636 - Unstructured Data Analytics
24. MISY - 647 - Digital Transformation
25. MISY - 670 - Introduction to Generative AI
26. MISY - 680 - ERP Systems
27. STAT - 674 - Applied Data Base Management
28. BUAD - 622 - Optimization and Spreadsheet Modelling
29. MISY – 686 – SAS for Business Analytics

TOTAL CREDIT-HOURS   30

Substitutions and transfers of credit

Students may petition the Program Director for variance in degree requirements based on previous degrees completed. This should be done in writing (email is acceptable) to the Program Director. Permission and course substitutions will be determined by the Program Director, in consultation with a committee (composed of faculty who participate in the program).

English language expectation

Students are expected to have a sufficient level of oral and written English communication skill to be successful in department coursework. Those students with an assistantship that involves teaching or research should have a sufficient level of English oral communication skill to be comfortably understood by the students they teach and the faculty member with whom they work.

Progress towards the degree

Students may enroll full or part-time. The Program Director will create a recommended program for each student and students are expected to remain in contact with the Program Director during their time in the program.

GPA requirements are monitored by the Office of Professional and Graduate Education according to the Graduate Studies Academic Probation Policy. Graduate students will be evaluated in courses according to the University grading policy and must maintain a minimum GPA of 3.0 to remain in good academic standing.

IV. Funding Policies/Financial aid

Funding is awarded to applicants and continuing students on a limited and competitive basis.

1. Incoming students are awarded funding on the following basis:
- The availability of funded assistantships
- The quality and completeness of the student's application
- The work experience and background of the student in information systems
- Adherence to Departmental and University policies

2. Funding in second year is unusual and not guaranteed. Students could be awarded funding the second year on the following basis:
- The availability of funded assistantships
- Performance in the first year of a funded assistantship based on faculty evaluations
- Full compliance with the University's Code of Conduct
- Performance in the first year of the MS in BAIM program
- Adherence to Departmental and University policies

Students can only accept one funding offer at a time.

The Department does not award 3rd year funded assistantships to BAIM students.

V. Departmental operations

Upon matriculation, students are expected to provide up-to-date address, telephone, and email information in UDSIS and to update them as necessary throughout the time they are enrolled in the MS in BAIM program.

It is especially important that students activate their University of Delaware email account, and arrange for messages to the UD email account to be forwarded to email accounts with other providers (e.g. yahoo, hotmail, or gmail), if the student uses the outside account as his/her email account.

Students are responsible for being familiar with the University Academic Regulations for Graduate Students published in the Graduate Catalog.