M.S. IN BIOCHEMISTRY AND MOLECULAR BIOLOGY AND MASTER OF BUSINESS ADMINISTRATION JOINT DEGREE

Overview

Students can pursue a joint Master of Science in Biochemistry and Molecular Biology and Master of Business Administration degree program. Students will complete a total of 74 credit hours: 30 credit hours in the M.S. in BMB program and 44 credit hours in the M.B.A. program.

Admission Requirements

M.S. Admission Requirements and Process

- In order to be admitted to this program, eligible students must have a Bachelor of Science degree in a basic science or related discipline.
- A cumulative grade point average of 3.0.
- Applicants must submit scores of their Graduate Record Examination (GRE) or the Medical College Admission Test (MCAT). Competitive score is required with a minimum score of 50 percentile.
- Additionally, the applicants will be required to submit two letters of recommendation and a personal statement.
- Applicants who have not received a degree from a university in the United States should also satisfy the English proficiency requirements by submitting TOEFL scores.
- The applications will be evaluated by the MS Admission committee.

M.B.A. Admission Requirements and Process

- BMB MS program director will prescreen MS students to verify their good academic standing. A cumulative grade point average of at least 3.0 is generally required. The names of approved students will be communicated to the Director of Graduate Business Full-Time Programs at the Miami Business School.
- Applicants must obtain a combined GMAT score of at least 660 prior to admission to the MBA program.
- Application process. The logistics of the application process will follow the same process as that of MD-MBA and PhD-MBA program and is outlined below.
  - The first step is to submit an application via our application portal: https://www .applyweb.com/miamibus/index. ftl
  - Documents to submit:
    i. Online application
    ii. Official transcripts
    iii. GMAT scores (a minimum of 660 score is required)
    iv. Resume
    v. 3 letters of recommendation
    vi. TOELF/IELTS for international students
  - Once the application is submitted and the supporting documents are attached the candidate is contacted for an interview with an admission advisor.
  - The file is then submitted for decision by the committee.
  - The candidate is notified of the decision via email and a mailed letter.
- Students must apply to the MBA program by March 15 each year.

Curriculum Requirements

Code	Title	Credit Hours
M.S. in Biochemistry and Molecular Biology (30 credit hours)		
Required Courses		24
BMB 601	Research Journal Club	
BMB 605	Principles of Biochemistry and Molecular Biology	
BMB 614	Molecular Genetics	
BMB 630	Research in Biochemistry and Molecular Biology	
BMB 680	Responsible Conduct of Research	
Electives		6
BMB 610	Advanced Topics in Biochemistry and Molecular Biology	
BMB 615	Structural Biology and Applications to Drug Discovery (Masters)	
BMB 641	Essentials of Biotechniques I	
BMB 642	Essentials of Biotechniques II	

M.B.A. (44 credit hours)		
Required Courses		
ACC 670	Financial Reporting and Analysis	2
ACC 671	Accounting for Decision Making	2
BUS 610	Communicating for Career Success	2
BTE 610	Digital Transformation	2
ECO 685	Managerial Decisions in a Global Economy	2
FIN 641	Valuation and Financial Decision Making	2
FIN 642	The Financial Environment	2
MAS 631	Statistics for Managerial Decision Making	2
MAS 632	Management Science Models for Decision Making	2
MGT 620	Managing Through People	2
MGT 643	Principles of Operations Management	2
MGT 675	Business Policy and Strategy	2
MGT 677	Corporate Strategy and Organization	2
MKT 640	Foundations of Marketing Management	2
MKT 650	Strategic Marketing	2
Electives		14
Total Credit Hours		74

Plan of Study

Year One		
Fall		**Credit Hours**
BMB 680	Responsible Conduct of Research	1
BMB 601	Research Journal Club	1
BMB 605	Principles of Biochemistry and Molecular Biology	3
BMB 614	Molecular Genetics	3
BMB 630	Research in Biochemistry and Molecular Biology	4
	Credit Hours	12
Spring		
BMB 601	Research Journal Club	1
BMB 615	Structural Biology and Applications to Drug Discovery (Masters)	3
BMB 610	Advanced Topics in Biochemistry and Molecular Biology	3
BMB 630	Research in Biochemistry and Molecular Biology	5
	Credit Hours	12
Summer		
BMB 630	Research in Biochemistry and Molecular Biology	6
	Credit Hours	6
Year Two		
Fall		
SESSION 1		
ACC 670	Financial Reporting and Analysis	2
BUS 610	Communicating for Career Success	2
ECO 685	Managerial Decisions in a Global Economy	2
MGT 675	Business Policy and Strategy	2
Elective		2
Elective		2
SESSION 2		
ACC 671	Accounting for Decision Making	2
MAS 631	Statistics for Managerial Decision Making	2
MGT 620	Managing Through People	2
MKT 640	Foundations of Marketing Management	2

Elective		2
Elective		2
	Credit Hours	24
Spring		
SESSION 1		
BTE 610	Digital Transformation	2
FIN 641	Valuation and Financial Decision Making	2
MAS 632	Management Science Models for Decision Making	2
Elective		2
Elective		2
SESSION 2		
FIN 642	The Financial Environment	2
MGT 643	Principles of Operations Management	2
MGT 677	Corporate Strategy and Organization	2
MKT 650	Strategic Marketing	2
Elective		2
	Credit Hours	20
	Total Credit Hours	74