

2026-27 Academic Catalog/Class of 2027 Graduation Requirements

# Master of Biotechnology Management (MBM)

The MBM curriculum is designed to for life science professionals with work experience or additional education in the life sciences and a strong interest in gaining bioscience-oriented management skills. Students in the MBM program complete a minimum of 30.0 credits, comprising of individual stackable certificates, elective courses, and a capstone project. The courses are typically taken part time over the course of 2 or more years, allowing flexibility for working professionals.

## Available Certificates

Available Certificates and Capstone	Credits	Required Credits
Certificate in Bioscience Management (required)	9	9
Certificate in Healthcare Economics	6	Must complete two certificates (12 credits) plus 6 elective credits = 18 total
Certificate in Regulatory Affairs	6	
Certificate in Leadership	6	
Certificate in Supply Chain Operations	6	
Certificate in Marketing	6	
Capstone Project (Required)	3	3
	<b>Total</b>	<b>30</b>

Other certificates are in development and will be offered in the coming years.

## Program Curriculum

Student will take online asynchronous courses to obtain MBA-level management skills customized to the bioscience industries. Students will pursue the following courses and certificates:

Certificate in Bioscience Management (required)	Credits
BUS 5000 Introduction to Bioscience Industries (FS)	3
BUS 5110 Corporate Finance (SS)	3
BUS 5300 Competitive Strategy (SS)	3
	9

Certificate in Healthcare Economics	Credits
BUS 5200 Healthcare Economics (F1)	1.5
HSCI 5020 Healthcare Policy (FS)	3
BUS 6220 Drug Pricing and Reimbursement (S1)* or BUS 6210 Advanced Healthcare Economics (F2)	1.5
	6

Certificate in Regulatory Affairs	Credits
REG 5000 Introduction to US Food and Drug Law (F1)	1.5
REG 6110 Drug and Biological Regulations (F2)	1.5
REG 6120 Medical Device Regulations (S1)	1.5
REG 6140 Global Regulatory Pathways for Drugs and Biologics (S2)	1.5
	6

Certificate in Leadership	Credits
BUS 6400 Organizational Behavior (FS)	3
MSCM 5601 Motivation, Change, and Leadership (FS)	3
	6

Certificate in Supply Chain and Operations	Credits
BUS 6610 Supply Chain and Biotech Operations (SS)	3
BUS 6600 Business Operations (FS)	3
	6

Certificate in Marketing	Credits
BUS 6500 Marketing Management (FS)	3
BUS 6220 Drug Pricing and Reimbursement (S1)*	1.5
MATH 6510 Market Analytics (S2)	1.5
	6

\* BUS 6220 Drug Pricing and Reimbursement is listed in 2 certificates but can only be counted towards completion of one certificate

In addition, students will enroll in PDEV 5030 MBM Capstone Project (3 credits), either in the fall or spring semester. The capstone provides students with a comprehensive, hands-on opportunity to engage in real-world problem-solving within a company setting. Students will identify a project in a life science company that may involve business, regulatory, technical, or clinical aspects, or a combination of these components.

### Academic Petitions

The Program Director and Academic Dean must sign a petition for certain requests, such as:

- Exceptions to registration deadlines (i.e., late add/drop)
- Variances in cross-registration and general education requirements
- Exceptions to graduation requirements or other KGI academic policies

Please see the [Academic Petitions](#) page for more information. To fill out an Academic Petition, [click here](#).