

2023 Catalog-B.S. Molecular Biology and Healthcare Management Degree Plan (152-153 Hours)

STUDENT NAME:				
STUDENT ID:				
AUDITS: 45	75	PRE-HEALTH: NO YES		
Course Title	Subject Prefix/ Course #	HR	Semester Taken	Grade
CORE CURRICULUM				
Communication (010)				
		3		
		3		
Mathematics (020)				
Calculus I	MATH 2417*	4		
Life and Physical Sciences (030)				
General Chemistry I	CHEM 1311	3		
General Chemistry II	CHEM 1312	3		
Language, Philosophy and Culture (040)				
		3		
Creative Arts (050)				
		3		
American History (060)				
		3		
		3		
Government/Political Science (070)				
American National Government	GOVT 2305	3		
State and Local Government	GOVT 2306	3		
Social and Behavioral Science (080)				
	ECON 2301**	3		
Component Area Option (090)				
Calculus II	MATH 2419*	4		
Principles of Microeconomics	ECON 2302**	3		
Major Preparatory Courses				
General Chemistry I	CHEM 1311	3		
Chem Lab I	CHEM 1111	1		
General Chemistry II	CHEM 1312	3		
Chem Lab II	CHEM 1112	1		
Organic Chemistry I Lecture	CHEM 2323	3		
Organic Chemistry II Lecture	CHEM 2325	3		
Introductory Organic Chemistry Lab	CHEM 2233	2		
Calculus I	MATH 2417*	4		
Calculus II	MATH 2419*	4		
Mechanics	PHYS 2325	3		
Physics Lab I	PHYS 2125	1		
Electromagnetism and Waves	PHYS 2326	3		
Physics Lab II	PHYS 2126	1		

*(MATH 2413 & MATH 2414 & MATH 2415) can be used instead of (MATH 2417 & MATH 2419)

**Select one: BA 1310 or BA 1320 or ECON 2301 or ECON 2302

***STAT 2332 or STAT 3360 may be taken instead OPRE 3360

****JSOM freshman are required to take BCOM 1300. Transfer students and students new to JSOM are required to take BCOM 3300

*****If BCOM 1300 is taken, NATS 1101 not required

UPDATED BY:				
DATE:				
MINOR:		DOUBLE MAJOR/DEGREE:		
Course Title	Subject Prefix/ Course #	HR	Semester Taken	Grade
Major Core Courses				
Intro to Modern Biology I & Wkshp	BIOL 2311 & BIOL 2111	4		
Intro to Modern Biology II & Wkshp	BIOL 2312 & BIOL 2112	4		
Intro to Biology Lab	BIOL 2281	2		
Classical & Molec. Genetics & Wksh	BIOL 3301 & BIOL 3101	4		
Molecular & Cell Biology & Wkshp	BIOL 3302 & BIOL 3102	4		
Biochemistry I & Wkshp	BIOL 3361 & BIOL 3161	4		
Biochemistry II & Wkshp	BIOL 3362 & BIOL 3162	4		
OR Microbial Physiology	BIOL 3335	3		
Biochemistry Lab	BIOL 3380	3		
Biophysical Chemistry	BIOL 4461	4		
Business Major Preparatory Courses				
Intro to Financial Accounting	ACCT 2301	3		
Intro to Management Accounting	ACCT 2302	3		
Business & Public Law	BLAW 2301	3		
Mang. Methods in Deci. Making Und. Uncert.	OPRE 3360***	3		
Select Two of the Following:				
Making Choices in Free Mrkt Systems	BA 1310	3		
Business in a Global World	BA 1320	3		
Principles of Macroeconomics	ECON 2301	3		
Principles of Microeconomics	ECON 2302	3		
Business Core Courses				
Intro. to Prof. and Comm. In Business	BCOM 1300****	3		
Managing Communications In Business	BCOM 4300	3		
International Business	IMS 3310	3		
Business Finance	FIN 3320	3		
Supply Chain and Operations Mgmt.	OPRE 3310	3		
Information Technology for Business	ITSS 3300	3		
Intro. to HR Mgmt or Organ. Behav.	OBHR 3330 or OBHR 3310	3		
Principles of Marketing	MKT 3300	3		
Electives -45 Upper Level Hours Needed to Graduate (75 UL for double degree)				
Freshman Seminar	UNIV 1010	0		
NS&M Freshman Seminar	NATS 1101*****	1		
Core Seminar	UNIV 2020	0		
Healthcare Management Internship	HMG 4090	0		
Management Internship	BA 4090	0		
Engag. & Comm. Outr. Practicum	BA 4095	0		
Intro. To Healthcare Management	HMG 3301	3		
Healthcare Regulatory Environment	HMG 3310	3		
Healthcare Financial Analysis	HMG 3311	3		
Economics of Healthcare Environment	HMG 3320	3		
Intro. To Healthcare Info. Systems	HMG 4321	3		
Capstone Senior Project	HMG 4395*****	3		
Cell Biology Lab	BIOL 4380*****	3		

*****BPS 4395 or ENTP 4395 may be taken instead of HMGT 4395

*****May take (BIOL 3V96 or BIOL 4399 or BIOL 4391) with permission of Faculty Advisor