

2023 Catalog-B.S. Biology and Healthcare Management Degree Plan (148-149 Hours)

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|---|-------------------------------------|---------------------------|---------------------------|--------------|
| 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) | | | | |
| Differential Calculus | MATH 2413* | 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) | | | | |
| Principles of Macroeconomics | ECON 2301** | 3 | | |
| Component Area Option (090) | | | | |
| Integral Calculus | MATH 2414* | 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 | | |
| Differential Calculus | MATH 2413* | 4 | | |
| Integral Calculus | MATH 2414* | 4 | | |
| Mechanics | PHYS 2325*** | 3 | | |
| Physics Lab I | PHYS 2125*** | 1 | | |
| Electromagnetism and Waves | PHYS 2326*** | 3 | | |
| Physics Lab II | PHYS 2126*** | 1 | | |

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

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

***[(PHYS 1301 & PHYS 2125) and (PHYS 1302 & PHYS 2126)] can be used instead of [(PHYS 2325 & PHYS 2125) and (PHYS 2326 & PHYS 2126)]

****May also be satisfied by taking either STAT 2332 or STAT 3360

*****JSOM freshman are required to take BCOM 1300. Transfer students and students new to JSOM are required to take BCOM 330

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|--|-------------------------------------|-----------|---------------------------|--------------|
| UPDATED BY: | | | | |
| DATE: | | | | |
| MINOR: | | | | |
| 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 & Wkshp | 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 | | |
| Business Major Preparatory Courses | | | | |
| Intro to Financial Accounting | ACCT 2301 | 3 | | |
| Intro to Management Accounting | ACCT 2302 | 3 | | |
| Business & Public Law | BLAW 2301 | 3 | | |
| Manag. Meth. Desc. Mak. Under 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 | | |
| Business Finance | FIN 3320 | 3 | | |
| International Business | IMS 3310 | 3 | | |
| Information Technology for Business | ITSS 3300 | 3 | | |
| Intro. to HR Mgmt or Organ. Behav. | OBHR 3330 or OBHR 3310 | 3 | | |
| Supply Chain and Operations Mgmt. | OPRE 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 | | |
| Cell Biology Lab | BIOL 4380***** | 3 | | |
| Intro. To Healthcare Management | HMG 3301 | 3 | | |
| Healthcare Financial Analysis | HMG 3311 | 3 | | |
| Economics of Healthcare Environment | HMG 3320 | 3 | | |
| Into. To Healthcare Info. Systems | HMG 4321 | 3 | | |
| Healthcare Regulatory Environment | HMG 3310 | 3 | | |
| Capstone in Healthcare Mgmt. | HMG 4395 ***** | 3 | | |

*****May take BPS 4395 or ENTP 4395

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