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**Healthcare Business**

**70 credit min**

**Effective for Spring 2013**

**Biology Core Courses (11-12 Credits)**

|  |  |  |  |
| --- | --- | --- | --- |
| BIO 105 | Biological Concepts(NS)(XL) | B | (4) \_\_\_\_ |
| **OR** |  |  |  |
| BIO 108 | Honors: Concepts in Bio(NS)(XL) | F | (5) \_\_\_\_ |
| BIO 323 | Intro Molecular & Cell Bio  (Bio 105, Chem 105 and/or C/Chem 106, or Chem 101,102 w/B) | B | (3) \_\_\_\_ |
| BIO 343 | Genetics (NS)(Bio 323) | B | (4) \_\_\_\_ |
| BIO 491 | Senior Survey\*\*\* | B | (0) \_\_\_\_ |

**Additional Required Chemistry and Math Courses (11-18 Credits)**

|  |  |  |  |
| --- | --- | --- | --- |
| CHEM 101 | General, Organic and Biochemistry I (NS)(XL)(Math 103 w/C) | B | (4) \_\_\_\_ |
| CHEM 102 | General, Organic and Biochemistry II (NS)(XL)(Chem 101 w/C and Math 103 w/C) | B | (4) \_\_\_\_ |
| **OR** |  |  |  |
| CHEM 105 | General Chemistry I (NS)(XL) | B | (5) \_\_\_\_ |
| CHEM 106 | General Chemistry II (NS)(XL) | B | (5) \_\_\_\_ |
| **AND** |  |  |  |
| MATH 204 | Finite Math for Business (MA)(XM)(Math 103 or 104 or 108 w/C) | B | (4) \_\_\_\_ |
| **AND** |  |  |  |
| MATH 206 | Applied Calculus for Business (MA)(XM)(Math 104 or 108 or 204 w/C) | B | (4) \_\_\_\_ |
| **OR** |  |  |  |
| MATH 171 | Calculus I (MA)(XM)(Math 108 or 104 and 106 w/C) | B | (4) \_\_\_\_ |
| **OR** |  |  |  |
| PSYCH 203 | Elem Psych Stats (Psych 101, 104 or 110, and Pbis 187, 188, 189, Math 104 w/C) |  | (3) \_\_\_\_ |

**Additional Required Biology Courses (15-18 Credits)**

|  |  |  |  |
| --- | --- | --- | --- |
| BIO 211 | Human Anatomy (NS)(XL)(Bio 105 w/C) | B | (4) \_\_\_\_ |
| **OR** |  |  |  |
| BIO 308 | Comparative Anatomy (NS)(Bio 105 and 1 year gen Chem) | B | (5) \_\_\_\_ |
| **AND** |  |  |  |
| BIO 233 | Microbial Survey (NS)(XL)(Bio 105 w/C) | B | (4) \_\_\_\_ |
| **OR** |  |  |  |
| BIO 309 | Bacteriology (NS)(Bio 105 and 1 year gen Chem) | B | (5) \_\_\_\_ |
| **AND** |  |  |  |
| BIO 212 | Human Physiology (NS)(XL)(Bio 211 w/C) | B | (4) \_\_\_\_ |
| **OR** |  |  |  |
| BIO 319 | General Animal Physiology (NS)(1 year Chem, Bio 323) | B | (5) \_\_\_\_ |
| **AND** |  |  |  |
| BIO 349 | Ecology and Evolution (1 term gen Bio) | B | (3) \_\_\_\_ |

**Additional required Business courses (16 Credits)**

|  |  |  |  |
| --- | --- | --- | --- |
| BUS 198 | Intro to Business |  | (3) \_\_\_\_ |
| BUS 206 | Essentials of Financial Accounting |  | (2) \_\_\_\_ |
| BUS 207 | Essentials of Managerial Accounting |  | (2) \_\_\_\_ |
| BUS 311 | Essentials of Information Systems |  | (3) \_\_\_\_ |
| BUS 351 | Ess of Org Behavior (44 cr w/Cum GPA 2.5 and Econ 106 or 204 or 206) |  | (3) \_\_\_\_ |
| BUS 361 | Ess of HR Mang (44 cr w/Cum GPA 2.5 and Econ 106 or 204 or 206) |  | (3) \_\_\_\_ |

**Plus any 2 of the following courses (6 Credits)**

|  |  |  |  |
| --- | --- | --- | --- |
| BUS 320 | Essentials of Law for Business |  | (3) \_\_\_\_ |
| BUS 331 | Essentials of Finance |  | (3) \_\_\_\_ |
| BUS 341 | Essentials of Operation Management |  | (3) \_\_\_\_ |
| BUS 371 | Essentials of Marketing |  | (3) \_\_\_\_ |
| ECON 204 | Principles of Macroeconomics (SS)(XS)(PBIS course, Math 104,106,108,or 204) |  | (3) \_\_\_\_ |

**Biology Electives (10 Credits from these courses if not used to fill preceding requirements)**

|  |  |  |  |
| --- | --- | --- | --- |
| BIO 300 | Internship in Biology | B | (1-6) \_\_\_\_ |
| BIO 301 | Internship in Microbiology | B | (1-6) \_\_\_\_ |
| BIO 303 | Introduction to Epidemiology (Bio 105) | F | (2) \_\_\_\_ |
| BIO 306 | Neurobiology (Bio 105) | S | (3) \_\_\_\_ |
| BIO 308 | Comparative Anatomy (NS)(1 term general Bio) | S | (5) \_\_\_\_ |
| BIO 309 | Bacteriology (NS)(Bio 105 and 1 year gen Chem) | B | (5) \_\_\_\_ |
| BIO 310 | Biology of Gender (Bio 105 and either Bio 211 or 230 or 308) | S | (3) \_\_\_\_ |
| BIO 312 | Medical Bacteriology Lecture (Bio 309 and 341) | S | (2) \_\_\_\_ |
| BIO 313 | Medical Bacteriology Lab (NS)(Bio 309 and 341, C/Bio 341) | S | (2) \_\_\_\_ |
| BIO 315 | Virology (Bio 323) | S | (3) \_\_\_\_ |
| BIO 316 | Developmental Biology (Bio 323) | S | (3) \_\_\_\_ |
| BIO 321 | Mycology (NS)(1 term gen Bio) | F | (3) \_\_\_\_ |
| BIO 338 | Environmental Toxicology (Bio 105) | S | (2) \_\_\_\_ |
| BIO 341 | Immunology (Bio 323) | F | (3) \_\_\_\_ |
| BIO 344 | Introduction to Hematology (Bio 341) | S | (3) \_\_\_\_ |
| BIO 354 | Parasitology (NS)(1 term gen Bio and Bio 230) | S | (3) \_\_\_\_ |
| BIO 360 | Special Topics in Biology (Bio 105, Bio 111/112) |  | (1-3) \_\_\_\_ |
| BIO 372 | Med and Environmental Apps of Cell Bio & Genetics (Bio 323) | S | (3) \_\_\_\_ |
| BIO 374 | Cell/Immunology Lab (NS)(Bio 341 or 372) | F | (3) \_\_\_\_ |
| BIO 389 | Principles of Biotechnology (Bio 323 and 343) | S | (3) \_\_\_\_ |
| BIO 390 | Biotechnology Lab (NS)(Bio 309) | S | (2) \_\_\_\_ |
| BIO 446 | Independent Study\* | B | (1-3) \_\_\_\_ |
| BIO 456 | Related Readings\* | B | (1-3) \_\_\_\_ |

**One extra-departmental course from the following may be counted as an elective**

|  |  |  |  |
| --- | --- | --- | --- |
| KINES 280 | Biomechanics (Bio 211 and C/Bio 212) |  | (3) \_\_\_\_ |
| KINES 350 | Physiology of Exercise (Bio 212) |  | (3) \_\_\_\_ |
| PHY ED 375 | Lifespan Motor Development |  | (2) \_\_\_\_ |
| PSYCH 367 | Psychopharmacology (6 credits of Psych) |  | (3) \_\_\_\_ |
| PSYCH 383 | Biological Psychology (Psych 101, 104 or 110 & 1 yr lab bio) |  | (3) \_\_\_\_ |
| PSYCH 384 | Biological Psychology Lab (Psych 101, 104 or 110 & 1 yr lab bio) |  | (3) \_\_\_\_ |
| PSYCH 455 | Sensation and Perception (20 cr of Psych including 275) |  | (3) \_\_\_\_ |

**Additional required course (13 Credits) that contribute towards General Education (6 Credits)**

|  |  |  |  |
| --- | --- | --- | --- |
| PSYCH 101 | General Psychology (SS)(XS) |  | (3) \_\_\_\_ |
| PSYCH 102 | General Psychology: Ethnic Studies (ES)(SS)(XS) |  | (3) \_\_\_\_ |

**Plus one of the following**

|  |  |  |  |
| --- | --- | --- | --- |
| PSYCH 220 | Health Psychology (SS)(Psych 101, 104, or 110) |  | (3) \_\_\_\_ |
| PSYCH 271 | Cross-Cultural Psychology (ES)(SS)(XS)( Psych 101, 104, or 110 w/C) |  | (3) \_\_\_\_ |
| PSYCH 305 | Social Psychology (Psych 275) |  | (3) \_\_\_\_ |
| PSYCH 363 | Industrial and Organizational Psychology (Psych 101, 104, or 110) |  | (3) \_\_\_\_ |

Pre-requisites are in parentheses

S = Spring

F = Fall

B = Both Fall & Spring

C/ = Concurrent enrollment

\*A maximum of six Business credits per semester are allowed.

\*\*\*During their last semester senior students will take the senior survey course assessment exam and fill out a survey regarding their experience in the program. This will be taken in the Testing Center at the student’s convenience (during normal Testing Center hours). Completion is a graduation requirement.

**Must meet General Education and Degree Requirements to earn BS Degree**

Approved: November 2011 Printed: March 2015