

Bachelor of Science Degree

| | | PREREQUISITE(S) | CREDITS |
|------------------|--|--|----------------|
| BIO 495 | Directed Independent Research | 20 credits in some combination of BIO, MBI, CHE, PHY, CSC, & MAT | 1-6 |
| BIO 496 | Internship/Field Studies | 20 credits in some combination of biology courses | 1-4 |
| CHE 251 | Quantitative Analysis | CHE 152 | 4 |
| CHE 252 | Instrumental Analysis | CHE 152 | 4 |
| CHE 253 &/or 254 | Organic Chemistry I-II | CHE 152 | 5, 5 |
| CHE 348 | Biochemistry | CHE 254 | 5 |
| MBI 222 | Ichthyology | BIO 141-142 | 4 |
| MBI 424 | Marine Ecology | BIO 223 & one of MBI 220, MSC 239, BIO 349 or MBI 222 | 4 |
| MSC 239 | Oceanography | BIO 141-142 | 4 |
| GOG 232 | Geography of the Caribbean | none | 3 |
| BIO 223 | Ecology | BIO 141-142 | 4 |
| MSC 465 or 466 | Selected Topics (must be approved) | TBA with ea. topic | 1-4 |
| DSC 325 | Statistics for Management Decisions | MAT 232 & CIS 101 | 3 |
| PHY 211/212 | Intro to Physics I-II | MAT 153 | 4, 4 |
| PHY 241 &/or 242 | General Physics I-II | MAT 241-241 | 5,5 |
| SCI 200 | Changes in the Natural World | SCI 100, ENG 120 | 3 |
| SCI 210 | Introduction to Meteorology | SCI 100, ENG 120, MAT 140 or 143 | 4 |
| SCI 301 | Application of Principles from the Natural World | MAT 140 or 143 | 3 |

Health Science Minor

The health science minor is an interdisciplinary minor that is housed in the College of Science and Mathematics. Courses from a variety of UVI's colleges of schools help to make this minor accessible to students in most of the University's degree programs. With this goal in mind a wide range of courses will count towards the electives of this minor in addition to the required in psychology, biology and nursing. Students graduating with a health science minor will be prepared for a wide-range of career options in health fields that will depend on their major field of study or continuing secondary education.

Prospective Students should be aware: As currently structured, entry-level courses can be completed on either campus, but the minor will need to be completed on St. Thomas campus. Students must complete the Health Science Minor required and elective courses with a grade of C or higher

Required Courses:

| HEALTH SCIENCES | | PREREQUISITE(S) | CREDITS |
|------------------------|---|--|----------------|
| NUR 100 | Medical Terminology | None | 1 |
| PSY/SOC 241 | Social Determinants of Health and Disease | ENG 100/WAX 011 ENG 101/RAC 021 Or SAT exemption | 3 |

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|--|--|---|---------|
| NUR 201 | Consumer Health | ENG 100/WAX 011 ENG 101/RAC 021 Or SAT exemption | 3 |
| SCI 305 | Biology of Health and Disease | MAT 140 or MAT 143 ENG 201 | 3 |
| NUR 310 | Introduction to Racial and Ethnic Disparities in Health Care | ENG 201 | 3 |
| Seven credits, minimum of two classes, chosen from the following courses, one of which must be at the 300-level: | | | |
| ACC 342 | Managerial Accounting | ACC 202, HRM 234 | 3 |
| ACC 442 | Auditing | ACC 302 | 3 |
| BIO 151 or 261 | Human Anat. and Physiol. I | CHE 112 or CHE 152 | 4 |
| BIO 152 or 262 | Human Anat. and Physiol. II | BIO 261 | 4 |
| BIO 301 | Microbiology for Health Sciences | BIO 142 or BIO 262 | 4 |
| BIO 355 | Biology of Microorganisms | BIO 245, CHE 254 | 4 |
| BIO 495 | Directed Independent Research (Approved* health science topic) | 20 credits in some combination of BIO, MBI, CHE, PHY, CSC & MAT | 1-4 |
| BIO 496 | Internship/Field Studies (Approved* health science topic) | 20 credits in some combination of biology courses | 1-4 |
| CHE 251 | Quantitative Analysis | CHE 152 | 4 |
| CHE 252 | Instrumental Analysis | CHE 152 | 4 |
| CHE 254 | Organic Chemistry I-II | CHE 152 | 5 |
| CHE 348 | Biochemistry | CHE 254 | 5 |
| CIS 310 | Advanced Business Software | CIS 300 or CSC 310 | 3 |
| CIS 357 | Business Information Systems | CIS 310 or CSC 243 | 3 |
| COM 325 | Web Publishing | COM 230 | 4 |
| CSC 245 | Databases and Information Retrieval | CSC 241, CSC 242 | 3 |
| DSC 325 | Statistics for Management Decisions | MAT 232 & CIS 101 | 3 |
| ENG 300 | Scientific Writing | ENG 201, & one semester BIO, CHE, or PHY | 3 |
| HRM 243 | Front Office Management | HRM 234, HRM 233 | 3 |
| MAT 235 | Mathematical Statistics | MAT 153 | 3 |
| MAT/CSC/BIO 361 | Bioinformatics | BIO 141-142, CSC 117-118, MAT 143-153, BIO 245 or (8 credits of 200-level CSC) or (MAT 233 and MAT 261) | 4 |
| PSY 332 | Industrial Organizational Psychology | PSY 202 | 3 |
| PSY 350 | Drugs, Behavior, and Society | PSY 120 | 3 |
| SSC 327 | Quantitative Research Methods | MAT 140 or Mat 235 | 4 |
| SSC 328 | Quantitative Research Methods | SSC 327 | 4 |
| ----- 496 | Approved* Internship course | Varies by discipline | 1-4 |

* Appropriateness of Internship or Directed Independent Study topics are determined by the Director of the Health Science minor or Chair of Biological Sciences.