|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Biology Pathway Courses** | **Amherst** | **Boston** | **Dartmouth** | **Lowell** |
| Biology I (with lab) | BIOLOGY 151  Introductory Biology I | BIOL 111  General Biology I | BIO 121 Biology of Organisms I BIO 131 Biology of Organisms Lab I | 81.111 Principles of Biology I 81.117 Experimental Biology I |
| Biology II (with lab) | BIOLOGY 152  Introductory Biology II BIOLOGY 153#  Introductory Bio. Lab | BIOL 112  General Biology II | BIO 122 Biology of Organisms II BIO 132 Biology of Organisms Lab II | 81.112 Principles of Biology II 81.118 Experimental Biology II |
| Physics I (lab varies) | PHYSICS 131 Introduction to Physics I Lab | PHYSIC 107^ College Physics I PHYSIC 181 Physics Laboratory I | PHY 101\*\* Introduction to Physics I | 95.103\*  General Physics I |
| Physics II (lab varies) | PHYSICS 132 Introduction to Physics II Lab | PHYSIC 108  College Physics II  PHYSIC 182  Physics Laboratory II | PHY 102 Introduction to Physics II | 95.104 General Physics II |
| Chemistry I (with lab) | CHEM 111^ General Chemistry Science | CHEM 115^  Chemical Principles I  CHEM 117  Chemical Principles I Lab | CHM 151^ Principles of Modern Chemistry I CHM 161 Introduction to Applied Chemistry I | 84.121 Chemistry II 84.123 Chemistry I Laboratory |
| Chemistry II (with lab) | CHEM 112 General Chemistry Science | CHEM 116 Chemical Principles II CHEM 118 Chemical Principles II Lab | CHM 152 Principles of Modern Chemistry II CHM 162 Introduction to Applied Chemistry II | 84.122 Chemistry I 84.124 Chemistry II Laboratory |
| Organic Chemistry I (with lab) | CHEM 261  Organic Chemistry  CHEM 263  Organic Chemistry Lab I |  | CHM 251 Organic Chemistry I CHM 263 Bio-organic Chemistry Lab I | 84.221 Organic Chemistry IA 84.229 Organic Chemistry Lab IA |
| Organic Chemistry II (with lab) | CHEM 262  Organic Chemistry  CHM 264  Organic Chemistry Lab II |  | CHM 252  Organic Chemistry II  CHM 264  Bio-organic Chemistry Lab II | 84.222 Organic Chemistry IIA 84.230 Organic Chemistry Lab IIA |
| Statistics | STATISTC 240  Introduction to Statistics |  |  | 92.283  Introduction to Statistics |
| Calculus | MATH 127^^1  Calculus for the Life and Social Sciences I | 3 OPTIONS^^ | MTH 102^^  Elementary Calculus for Life and Social Sciences | 92.138^^  Calculus for the  Life Sciences I |
| Statistics II | STATISTC 501 1  Methods of Applied Statistics |  |  |  |
| Java | CMPSCI 121 1  Introduction to Problem Solving with Computers |  |  |  |

\*Algebra/Geometry knowledge required

\*\*College Algebra prerequisite/recommended

#Lab with 2nd term

^Precalculus prerequisite

^^Calculus Life Science

1-1 of 3 required