| **Chemistry Pathway Courses** | **Bridgewater** | **Fitchburg** | **Framingham** | **Mass College of Liberal Arts** | **Salem** | **Westfield** | **Worcester** |
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| 1 | CHEM 141 Chemical Principles I | CHEM 1300 General Chemistry I | CHEM 107 Principles of Chemistry | CHEM 150 Introduction to Chemistry I | CHE 130 General Chemistry I | CHEM 0109 General Chemistry I | CH 120 General Chemistry I |
| 2 | CHEM 142 Chemical Principles II | CHEM 1400 General Chemistry II | CHEM 108 Principles of Chemistry and Quantitative Analysis | CHEM 152 Introduction to Chemistry II | CHE 131 General Chemistry II | CHEM 0111 General Chemistry II | CH 121 General Chemistry II |
| 3 | CHEM 242 Intermediate Inorganic Chemistry |  | CHEM 401 Inorganic Chemistry | CHEM 250 Inorganic Chemistry | CHE 308 Descriptive Inorganic Chemistry | CHEM 0211 Advanced Inorganic Chemistry |  |
| 4 | CHEM 343 Organic Chemistry I | CHEM 2000 Organic Chemistry I | CHEM 207 Organic Chemistry I | CHEM 201 Organic Chemistry I | CHE 212 Organic Chemistry I | CHEM 0201 Organic Chemistry I | CH 201/203 Organic Chemistry I and Lab |
| 5 | CHEM 344 Organic Chemistry II | CHEM 2100 Organic Chemistry II | CHEM 208 Organic Chemistry II | CHEM 202 Organic Chemistry II | CHE 213 Organic Chemistry II | CHEM 0203 Organic Chemistry II | CH 202/204 Organic Chemistry II and Lab |
| 6 |  | CHEM 2400 General Analytical Chemistry |  | CHEM 310 Analytical Chemistry |  |  | CH210 Chemical Analysis: An Intro to Modern Methods |
| 7 |  | BIOL 1800 General Biology I |  | BIOL 150 Introduction to Biology |  |  |  |
| 8 |  |  | CSCI 120 Introduction to Information Technology |  | ITC 100 Computers and Their Uses |  |  |
| 9 |  | MATH 1300 Precalculus |  | MATH 150 Precalculus |  |  |  |
| 10 | MATH 160 Single Variable Calculus I | MATH 2300 Calculus I | MATH 219 Calculus I | MATH 220 Calculus I | MAT 220 Calculus I | MATH 0105 Calculus I | MA 200 Calculus I |
| 11 | MATH 162 Single Variable Calculus II | MATH 2400 Calculus II | MATH 220 Calculus II | MATH 320 Calculus II | MAT 221 Calculus II | MATH 0106 Calculus II | MA 201 Calculus II |
| 12 |  |  | MATH 221 Calculus III |  |  |  |  |
| 13 | PHYS 243 General Physics I | PHYS 2300 General Physics I | PHYS 211 Principles of Physics I | PHYS 151 Introduction to Physics I | PHS 211A Physics I or PHY 221 Physics I with Calculus | PHSC 0125 Physics I (Calculus Based) | PY 241 Physics I |
| 14 | PHYS 244 General Physics II | PHYS 2400 General Physics II | PHYS 212 Principles of Physics II | PHYS 152 Introduction to Physics II | PHS 212A Physics II or PHY 222 Physics II with Calculus | PHSC 0127 Physics II (Calculus Based) | PY 242 Physics II |