### Course # | Course Title | SUNY Gen Ed | Major or Pathway | Credits Granted | Equivalent Course Title | SUNY Gen Ed | Major or Pathway | Credits Accepted |
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BHS 103 | Social Problems in Today's World | X | 3 | | ASOC 180 | Social Problems | X | 3 |
CPS 100 | Computer Science Intro Seminar | 1 | 1 | | NOCR | No Credit Transferred | | 0 |
LAH 100 | Lib Arts Humanities Intro Sem | X | 4 | | ICSI 201 | Introduction to Computer Science | X | 4 |
LAM 100 | Lib Arts Math Intro Seminar | X | 4 | | AMAT 214 | Calculus I | X | 4 |
CPS 141 | Introduction to Computer Science | X | 4 | | AMAT 214 | Calculus of Several Variables | X | 4 |
ENG 101 | English Composition | X | 3 | | AENG 100Z | Introduction to Analytical Writing | X | 3 |
ENG 102 | English Composition II | X | 3 | | AENG 010Z | English Elective | X | 3 |
MAT 214 | Discrete Mathematics Using Proofs | X | 3 | | AMAT 299 | Introduction to Proofs | X | 3 |
MAT 215 | Introduction to Linear Algebra | X | 3 | | AMAT 220 | Linear Algebra | X | 3 |
MAT 221 | Analytical Geometry and Calculus I | X | 4 | | AMAT 112 | Calculus I | X | 4 |
MAT 222 | Calculus II | X | 4 | | AMAT 113 | Calculus II | X | 4 |
MAT 223 | Calculus III | X | 4 | | AMAT 214 | Calculus of Several Variables | X | 4 |
MAT 224 | Differential Equations | X | 4 | | AMAT 311 | Ordinary Differential Equations | X | 4 |
PHY 151 | Engineering Physics I | X | 4 | | APHY 140/145 | Physics I: Mechanics/Lab | X | 4 |
PHY 152 | Engineering Physics II | X | 4 | | APHY 150/155 | Physics II: Electromagnetism/Lab | X | 4 |
WFE 101 | Lifetime Wellness and Fitness | X | 3 | | DPEC 030 | Physical Education Elective | | 3 |
American History | | X | 3 | | History Elective | X | 3 |
Electives/Free Electives | 8 | 8 | | General Electives | 8 | |
General Education Elective (1) | X | 6 | | General Education Electives | X | 6 |

| Total Credits Eligible for Transfer | 63 |
| Additional Required and Elective Courses for the Major at UAlbany | Challenges of the 21st Century | X | X | 3 |
| | 2 AMAT Sequences (2) | X | 12 |
| UUNL 299 | Information Literacy in Mathematics and Statistics | X | 2 |
| Elective credits required for Degree Completion | X | 16-22 |
| Minor | A Minor is required at UAlbany (3) | X | 18-24 |

Total Transfer Credits Applied to Program | 63 |
Total Credits Required for Degree | 120 |

(1) General Education electives should be selected from courses listed in General Education Appendices D, E, F, and I. Students may select a course from Appendix D only if HIS 104 has not been previously taken. Students may select from Appendix F only if HIS 108 has not been previously taken.

(2) Select two of the following Sequences:
- Any two of AMAT 326, AMAT 327, or AMAT 328
- Either (a) AMAT 314 & AMAT 315, or (b) any two of AMAT 312, AMAT 412, AMAT 413, AMAT 414
- Either (a) any two of AMAT 308, AMAT 362/367, AMAT 363, AMAT 369, AMAT 464, AMAT 465, AMAT 467, AMAT 468, or (b) AMAT 370 and of the following AMAT 367, AMAT 369, AMAT 464, AMAT 465, AMAT 467, AMAT 468
- AMAT 312 and AMAT 424 (AMAT 312 cannot be a part of two sequence options)

(3) Select one of the following Minors: Atmospheric Science, Biology, Business, Chemistry, Computer Science, Economics, Electronics, Geology, Informatics, or Physics

A transfer student admitted to the University at Albany who has completed his/her A.A. or A.S. degree will be given credit for meeting SUNY’s General Education requirements. Before declaring a major, students must complete one of the following: AMAT 113, 119, 214, or 218 with a grade of A, B, C, or S. (Transfer credits and grades may be used to satisfy this).