

Bronx Community College – Associates of Science, Chemistry TO
 Lehman College, – Bachelor of Science, Anthropology, Biology, and Chemistry (60-credits)

| Required Areas of Study | | | | |
|--|--------|--|--------|-------------------------------|
| [Bronx Community College] Course & Title | Credit | [Herbert H. Lehman College] Course & Title | Credit | Transfer Credit Granted |
| ENG 10 Fundamentals of Composition and Rhetoric 1 or ENG 11 Composition and Rhetoric 1 | 3 3 | ENG 110 Principles of Effective Writing 1 ENG 110 Principles of Effective Writing 1 | 3 3 | 3 3 |
| ENG 12 Composition an Rhetoric II | 3 | ENG 120 Principles of Effective Writing 2 | 3 | 3 |
| CMS 11 Fundamentals of Interpersonal Communication | 3 | COM 204 Interpersonal and Group Communication | 3 | 3 |
| HIS 10 History of the Modern World or HIS 11 Intro to Modern World | 3 3 | HIS 242 Contemporary European History or HIS 242 Contemporary European History | 3 3 | 3 3 |
| PEA Physical Education OR HLT 91 Critical Issues in Health | 1-2 | Non-Liberal Arts Elective | 1-2 | 1-2 |
| CHM 11 General Chemistry I | 4 | CHE 166 General Chemistry I CHE 167 General Chemistry I (Lab) | 3 2 | 4 |
| CHM 22 General Chemistry II with Qualitative Analysis | 5 | CHE 168 General Chemistry II CHE 169 General Chemistry II (Lab) | 3 2 | 5 |
| MTH 31 Analytical Geometry & Calculus I | 4 | MAT 175 Calculus I | 4 | 4 |
| MTH 32 Analytical Geometry and Calculus II | 5 | Mat 176 Calculus II | 4 | 5 |
| ART 11 Introduction to Music or MUS 11 Introduction to Music or Humanities or Social Sciences | 3 | ARH 167 Traditional and Innovations Western Art OR MSH 114 Intro to Music I | 3 3 | 3 3 |
| Modern Language | 0-8 | Foreign Language Credits | 0-8 | 0-8 |
| | | Subtotal | | 36-43 |

| Specialization Requirements | | | | |
|---|--------|--|--------|-------------------------------|
| [Bronx Community College] Course & Title | Credit | [Herbert H. Lehman College] Course & Title | Credit | Transfer Credit Granted |
| CHM 31 Organic Chemistry I | 5 | CHE 232 Organic Chemistry I | 3 | 3 |
| | | CHE 233 Organic Chemistry I (Lab) | 2 | 2 |
| CHM 32 Organic Chemistry II | 5 | CHE 234 Organic Chemistry II | 3 | 3 |
| | | CHE 235 Organic Chemistry II (Lab) | 2 | 2 |
| CHM 33 Quantitative Analysis | 4 | CHE 249 Quantitative Analysis | 4 | 4 |
| BIO 11 General Biology I or PHY 11 College Physics 1 | 4 | BIO 166: Principles of Biology Cells and Genes OR PHY 166 General Physics I | 4 | 4 |
| | | | 4 | |
| Subtotal | | | | 18 |

| Free Electives | | | | |
|---------------------------------------|--------|---------------------------------------|--------|-------------------------------|
| [Sending College] Course & Title | Credit | [Receiving College] Course & Title | Credit | Transfer Credit Granted |
| To complete the 60 Credit Requirement | 0-9 | <i>Open Elective</i> | 0-9 | 0-9 |
| Subtotal | | | | 0-9 |
| TOTAL: | | | | 60 |

D. SENIOR COLLEGE UPPER DIVISION COURSES REMAINING FOR BACCALAUREATE DEGREE

| B.S Anthropology (Physical), Biology, Chemistry: Track 2 | <i>Credits</i> |
|---|----------------|
| BIO 166: Introduction to Organismic Biology* | 4 |
| BIO 167: Principles of Biology | 4 |
| ANT 171: Introduction to Human Evolution | 4 |
| ANT 269: Introduction to Human Variation | 4 |
| ANT 322: Analyzing Anthropological Data Quantitatively or MAT 132: Basic Concepts of Probability and Statistics or PSY 226: Statistical Methods in Psychology | 3 4 |
| PHY 166: General Physics I and PHY 167 General Physics 2 or PHY 135 Fundamental Concepts and Methods of Physics and one of the following: HIS 301 Introduction to the History of Biology, HIA 348 Introductions to the History of Science from Ancient Science to Scientific Revolution, HIE 301 Introduction to the History of Science from Descartes and Newton to Darwin and Einstein, and PHI 353 Philosophy of Science.* | 10 7 |
| Major Elective Credits (Student may take MAT 175, MAT 176, PHY 166, or PHY 167 and have it included as elective credit in the major.)** | 12-13 |
| *Students will have completed either BIO 166 or PHY166 as part of the Associates degree. **Students will have completed MAT 175 and MAT 176 as part of the Associates degree. | |
| Subtotal: | 38-43 |
| Minor | |
| Subtotal | |
| Free Electives | |
| TOTAL: | |