# Health Sciences AS (HESC)
## Catalog: 2026-2027 Effective Date: 9/1/2026
Reconnect Eligible

| CR | COURSE | COURSE TITLE | SUNY GEN ED |
|---|---|---|---|
| 1 | HRD 110 | *First Year Experience* | |
| 3 | ENG 101 | *Introduction to College Writing* | GCWO |
| 3 | ENG 102, ENG 103, ENG 104, ENG 105, ENG 106, ENG 107, ENG 108, ENG 109 or ENG 110 | *Writing II* | GCWO |
| 4 | MAT 127 (Prereq Required) | *Introductory Statistics with Probability* | GMAT |
| 3-4 | SUNY GEN ED Natural Science (and Scientific Reasoning) lab science | BIO 103 *Principles of Biology* recommended | GNSL |
| 3 | Mathematics or Science | CHM 103 *Principles of Chemistry* recommended | |
| 3 | HED 103 | College Health | |
| 3 | SUNY GEN ED World History and Global Awareness | | GGLB |
| 3 | SUNY GEN ED US History and Civic Engagement | | GUSC |
| 3 | PSY 101 | General Psychology | GSSC |
| 3 | SOC 101 | Principles of Sociology | GDVR |
| 3 | SUNY GEN ED The Arts, SUNY GEN ED World Languages or SUNY GEN ED Humanities | | GART GWRL GHUM |
| 4 | BIO 107 (Prereq Required) | *Anatomy and Physiology I* | GNSL |
| 4 | BIO 108 (Prereq Required) | *Anatomy and Physiology II* | GNSL |
| 3 | NTR 111 | *Human Nutrition* | |
| 8 | Mathematics/Science Core (MSC) - Choose 8 credits from:<br><br>**BIOLOGY**: BIO 111, BIO 112, BIO 205, BIO 212 or BIO 223 (**RECOMMENDED**)<br>**CHEMISTRY:** CHM 104A/B, CHM 111, CHM 112, CHM 202, CHM 203, CHM 204<br>**COMPUTER SCIENCE**: CIS 135, CIS 143, CIS 144<br>**EARTH SCIENCE**: AST 113, GEO 101, GEO 114, GEO 202<br>**ENGINEERING**: EGR 105, EGR 106, EGR 204, EGR 207, EGR 208, EGR 209, EGR 210<br>**MATHEMATICS:** MAT 121, MAT 125, MAT 129, MAT 131, MAT 132, MAT 220, MAT 227, MAT 231, MAT 232 (Spring only)<br>**PHYSICS:** PHY 111, PHY 112<br>**SOCIAL SCIENCES:** ANT 230 | | |
| 3 | Liberal Arts and Sciences | PSY 202 *Child Psychology,*<br>PSY 222 *Developmental Psychology* or<br>SOC 275 *Drugs, Crime and Treatment* (Spring only)<br>recommended | |
| 7 | Electives | BIO 115, CRJ 101, PED 105 or NTR 101 recommended | |
| **64** | **Minimum credits required for graduation** | | |

**Note:** Please review the back of this form for additional information.

Notes on Health Sciences (HESC)

| COURSE | PREREQUISITES | COURSE | PREREQUISITES |
|---|---|---|---|
| **BIO 107** | Within the last 5 years Regents Biology 80 and Regents Chemistry 80; or BIO 103 with C or better and CHM 103 with C or better; or equivalent | **MAT 127** | MAT 097 within 4 years and (12 earned credits or ENG 101) or MAT 118 within 4 years or equivalent |
| **BIO 108** | BIO 107 | **PSY 202** | PSY 101 |
| **BIO 223** | Within the last 5 years Regents Biology 80 and Regents Chemistry 80; or BIO 103 with C or better and CHM 103 with C or better; or equivalent | **PSY 222** | PSY 101 |
| **NTR 111** | BIO 103 and CHM 103 | **SOC 275** | CRJ 101 |

**FIRST YEAR SEQUENCE**

| Credits | First Semester |
|---|---|
| 1 | HRD 110 |
| 3 | ENG 101 |
| 3 | SOC 101 |
| 3-4 | SUNY GEN ED Natural Science lab science – BIO 103 recommended |
| 3 | PSY 101 |
| 3 | Electives – See Note 1 |
| **Credits** | **Second Semester** |
| 3 | Mathematics or Science – CHM 103 recommended |
| 3 | ENG 102 – ENG 110 |
| 4 | MAT 127 |
| 3 | Liberal Arts and Sciences – see Note 2 |
| 3 | Electives – See Note 1 |

**SECOND YEAR SEQUENCE**

| Credits | Third Semester |
|---|---|
| 3 | SUNY GEN ED US History and Civic Engagement |
| 4 | BIO 107 |
| 3 | NTR 111 |
| 3 | SUNY GEN ED The Arts, SUNY GEN ED World Languages or SUNY GEN ED Humanities |
| 3 | HED 103 |
| **Credits** | **Fourth Semester** |
| 3 | SUNY GEN ED World History and Global Awareness |
| 4 | BIO 108 |
| 4 | MSC Elective – BIO 223 recommended – See Note 3 |
| 4 | MSC Elective – see Note 3 |
| 1 | Electives – See Note 1 |
| | |

**DEGREE NOTES:**

1. Recommended electives are BIO 115, CRJ 101, PED 105 or NTR 101
2. Recommended electives are PSY 202, PSY 222 or SOC 275 (Spring only)
3. Mathematics/Science core (MSC) courses shall be selected from the LAMS program layout.
4. Prior approved MSC courses can be used to meet degree requirements.

| GEN ED CODE | SUNY GEN ED CATEGORY | GEN ED CODE | SUNY GEN ED CATEGORY |
|---|---|---|---|
| GMAT | Mathematics (and Quantitative Reasoning) | GDVR | Diversity: Equity, Inclusion and Social Justice |
| GNSC/L | Natural Sciences (and Scientific Reasoning) | GHUM | Humanities |
| GSSC | Social Sciences | GART | The Arts |
| GUSC | US History and Civic Engagement | GWRL | World Languages |
| GGLB | World History and Global Awareness | GCWO | Communication – Written and Oral |