Table A: Laboratory Science Technology (LABSCI-AOS) AY 2022-2023
*Calendar Type:* Semester

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Term: Fall 1** |  |  |  |  |  |  |
| **Course Number & Title** | **CR** | **GE** | **MAJ** | **OPEN** | **NEW** | **Prerequisite(s)** |
| NLST-120 Laboratory Tools  | 3 |  | 3 |  |  |  |
| NLST-171 Fundamentals of Chemistry I | 3 |  | 3 |  |  |  |
| NTID General Education - Scientific Processes Perspective: NSCI-161 Fundamentals of Biology I  | 3 | 3 |  |  |  |  |
| NTID General Education Foundation – Mathematics: NMTH-212 Integrated Algebra or higher | 3 | 3 |  |  |  |  |
| NTID General Education Foundation – Career English: NENG-212 Career English I  | 3 | 3 |  |  |  |  |
| NCAR-010 Freshman Seminar | 0 |  | 0 |  |  |  |
| **Term Credit Total:** | 15 | 9 | 6 | 0 |  |  |

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| **Term: Spring 1** |  |  |  |  |  |  |
| **Course Number & Title** | **CR** | **GE** | **MAJ** | **OPEN** | **NEW** | **Prerequisite(s)** |
| NLST-172 Fundamentals of Chemistry II | 3 |  | 3 |  |  | NLST-171 |
| NSCI-162  Fundamentals of Biology II | 3 |  | 3 |  |  | NSCI-161 |
| NLST-220 Analytical Chemistry | 4 |  | 4 |  |  | NLST-171, NLST-120 |
| NTID General Education Foundation – Career English: NENG-213 Career English II  | 3 | 3 |  |  |  | NCAR-212 |
| **Term Credit Total:** | 13 | 3 | 10 | 0 |  |  |

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| **Term: Summer 1** |  |  |  |  |  |  |
| **Course Number & Title** | **CR** | **GE** | **MAJ** | **OPEN** | **NEW** | **Prerequisite(s)** |
| None |  |  |  |  |  |  |
| **Term Credit Total:** | 0 | 0 | 0 | 0 |  |  |

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| **Term: Fall 2** |  |  |  |  |  |  |
| **Course Number & Title** | **CR** | **GE** | **MAJ** | **OPEN** | **NEW** | **Prerequisite(s)** |
| NLST-250 Quantitative Instrumental Analysis | 4 |  | 4 |  |  | NLST-220, NLST-172 |
| NLST-240 Biotechnology I   | 3 |  | 3 |  |  | NSCI-162 |
| NLST-230 Principles of Organic Chemistry  | 4 |  | 4 |  |  | NLST-172, NSCI-162 |
| NLST-225 Laboratory Applications | 3 |  | 3 |  |  | NLST-220 |
| **Term Credit Total:** | 14 | 0 | 14 | 0 |  |  |

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| **Term: Spring 2** |  |  |  |  |  |  |
| **Course Number & Title** | **CR** | **GE** | **MAJ** | **OPEN** | **NEW** | **Prerequisite(s)** |
| NLST-255 Chemical Separations & Chromatography | 4 |  | 4 |  |  | NLST-250, NLST-230 |
| NLST-245 Biotechnology II  |  3 |  | 3 |  |  | NLST-240 |
| NLST-235 Principles of Biochemistry  | 3 |  | 3 |  |  | NLST-230 |
|  NLST-260  Laboratory Methods  | 3 |  | 3 |  |  | NLST-225 |
| **Term Credit Total:** | 13 | 0 | 13 | 0 |  |  |

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| **Term: Summer 2** |  |  |  |  |  |  |
| **Course Number & Title** | **CR** | **GE** | **MAJ** | **OPEN** | **NEW** | **Prerequisite(s)** |
| NLST-299 Co-op: Laboratory Science Technology | 0 |  | 0 |  |  | NLST-255 |
| **Term Credit Total:** | 0 | 0 | 0 | 0 |  |  |

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| **Term: Fall 3** |  |  |  |  |  |  |
| **Course Number & Title** | **CR** | **GE** | **MAJ** | **OPEN** | **NEW** | **Prerequisite(s)** |
| Technical Elective‡ | 3 |  | 3 |  |  |  |
| Technical Elective‡ | 3 |  | 3 |  |  |  |
| NTID General Education - Perspective\* | 3 | 3 |  |  |  |  |
| NLST-232 Laboratory Mathematics | 3 |  | 3 |  |  | NMTH-212 |
| **Term Credit Total:** | 12 | 3 | 9 | 0 |  |  |

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|  | **Total Credits (CR)** | **General Education (GE)** | **Major(MAJ)** | **Electives & Other****(OPEN)** |
| **Program Totals** | **67** | **15** | **52** | **0** |

***Notes:***

1. All students pursuing an Associate’s degree are also required to complete one Wellness course.

\*NTID General Education Perspective course may be from any of these three Perspective categories: ASL-Deaf Cultural Studies; Communication, Social & Global Awareness; and Creative, Innovative Exploration

**‡Technical Electives:** NLST-270 *Chemical Technology*; NLST-285 with Department approval; NSCI-120 or above with Department approval; NMTH-220 or above with Department approval

**Change Log**

|  |  |
| --- | --- |
| **Effective Term** | **Curriculum Modification(s)** |
| 2221 |  |
| 2211 | New addition to the table |
| Older | 4-19-17mg; 5-30-17fxk; 9-10-18fxk(Wellness added) |