**Table 1a:  Undergraduate Program Schedule: Laboratory Science Technology (NTID) – AAS**

           Indicate academic calendar type: \_\_X\_Semester \_\_\_Quarter      \_\_\_ Trimester              \_\_\_Other (describe)

           Label each term in sequence, consistent with the institution’s academic calendar (e.g., Fall  1, Spring  1, Fall  2)

           Copy/expand the table as needed to show additional terms

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ASL/Deaf Cultural Studies\* | | |  | | | |  |  | | |  | | | | |
| **Term: Fall 1** | | | Check course classification (s) | | | |  | **Term: Spring 1** | | | (Check course classification (s) | | | | |
| **Course Number & Title** | | CR | LAS | Maj | New | Prerequisite(s) |  | **Course Number & Title** | | CR | LAS | | Maj | New | Prerequisite(s) |
| NCAR-010 Freshman Seminar | | 0 |  |  |  |  |  |  | |  |  | |  |  |  |
| NLST-120 Laboratory Tools | | 3 |  | X |  |  |  | First Year Writing Seminar | | 3 | X | |  |  |  |
| NLST-171 Fundamentals of Chemistry I | | 3 |  | X |  |  |  | NLST-172 Fundamentals of Chemistry II | | 3 |  | | X |  | NLST-171 |
| LAS-P6 (NSCI-161 Fundamentals of Biology I) | | 3 | X |  |  |  |  | NSCI-162  Fundamentals of Biology II | | 3 |  | | X | X | NSCI-161 |
| LAS-Elective (NMTH-212 Integrated Algebra or higher) | | 3 | X |  |  |  |  | NLST-220 Analytical Chemistry | | 4 |  | | X |  | NLST-171, NLST-120 |
| LAS Elective\* | | 3 | X |  |  |  |  | LAS-P1: Ethical\* | | 3 | X | |  |  |  |
| Wellness Education | | 0 |  |  |  |  |  |  | |  |  | |  |  |  |
| Term credit total: | | 15 | 9 | 6 |  | |  | Term credit total: | | 16 | 6 | | 10 |  | |
| **Term: Fall 2** | | | Check course classification (s) | | | |  | **Term: Spring 2** | | | (Check course classification (s) | | | | |
| **Course Number & Title** | | CR | LAS | Maj | New | Prerequisite(s) |  | **Course Number & Title** | | CR | LAS | | Maj | New | Prerequisite(s) |
| NLST-250 Quantitative Instrumental Analysis | | 4 |  | X |  | NLST-220, NLST-172 |  | NLST-255 Chemical Separations & Chromatography | | 4 |  | | X |  | NLST-250, NLST-230 |
| NLST-240 Biotechnology I | | 3 |  | X |  | NSCI-162 |  | NLST-245 Biotechnology II | | 3 |  | | X |  | NLST-240 |
| NLST-230 Principles of Organic Chemistry | | 4 |  | X |  | NLST-172, NSCI-162 |  | NLST-235 Principles of Biochemistry | | 3 |  | | X | X | NLST-230 |
| NLST-225 Laboratory Applications | | 3 |  | X |  | NLST-220 |  | NLST-260  Laboratory Methods | | 3 |  | | X |  | NLST-225 |
| NLST-232 Laboratory Mathematics | | 3 |  | X |  | NMTH-212 |  | LAS-P2: Artistic\* | | 3 | X | |  |  |  |
| Term credit total: | | 17 | 0 | 17 |  | |  | Term credit total: | | 16 | 3 | | 13 |  | |
| **Term: Summer 2** | | | Check course classification (s) | | | |  | **Term:** | | | Check course classification (s) | | | | |
| **Course Number & Title** | | CR | LAS | Maj | New | Prerequisite(s) |  | **Course Number & Title** | | CR | LAS | | Maj | New | Prerequisite(s) |
| NLST-299: Co-op: Laboratory Science Technology | | 0 |  | X |  | NLST-255 |  |  | |  |  | |  |  |  |
| Term credit total: | | 0 | 0 | 0 |  | |  | Term credit total: | |  |  | |  |  | |
| **Term: Fall 3** | | | Check course classification (s) | | | |  | **Term:** | | | Check course classification (s) | | | | |
| **Course Number & Title** | | CR | LAS | Maj | New | Prerequisite(s) |  | **Course Number & Title** | | CR | LAS | | Maj | New | Prerequisite(s) |
| Technical Elective | | 3 |  | X |  |  |  |  | |  |  | |  |  |  |
| Technical Elective | | 3 |  | X |  |  |  |  | |  |  | |  |  |  |
| LAS-P3: Global\* | | 3 | X |  |  |  |  |  | |  |  | |  |  |  |
| LAS-P4: Social\* | | 3 | X |  |  |  |  |  | |  |  | |  |  |  |
| Term credit total: | | 12 | 6 | 6 |  | |  | Term credit total: | |  |  | |  |  | |
|  | | | | | | | | | | | | | | | |  |
| **Program Totals:** | **Credits: 76** | | | | **Liberal Arts & Sciences: 24** | | | | **Major: 52** | | | **Elective & Other: 0** | | | |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**\*** An ASL-Deaf Cultural Studies (AASASLDCS) course is required for graduation. It can be taken in any semester and can be taken at NTID or another college of RIT. In order to fulfill this requirement as part of the 76 credits in the program, it should be a course approved for *both* AASASLDCS *and* an LAS Perspective or LAS Elective.

**Courses that may be applied toward the Technical Elective requirement are listed below:**

* **NLST-270 *Chemical Technology***
* **NLST-285, *Undergraduate Research: Laboratory Science Technology* with Department approval**
* **NMTH-220 or above, with Department approval**
* **NSCI-120 or above, with Department approval**
* **BIOL-101 *General Biology I*, with Department approval**
* **BIOL-121 *Introductory Biology I*, with Department approval**
* **CHEM-130 *Chemical Connections*, CHEM-151 *General Chemistry*, and CHEM-155 *Chemistry Workshop*, with Department approval**
* **CHMG-141 *General & Analytical Chemistry I*, with Department approval**
* **STAT-145 *Introduction to Statistics I*, with Department approval**
* **STAT-155 *Introduction to Biostatistics*, with Department approval**
* **MATH-161 *Applied Calculus*, with Department approval**
* **MATH-171 *Calculus A*, with Department approval**
* **MATH-181 *Project-Based Calculus I*, with Department approval**
* **MEDG-101 *Human Biology I*, with Department approval**
* **MEDS-201 *Language of Medicine*, with Department approval**
* **MEDS-250 *Human Anatomy and Physiology I*, with Department approval**
* **Other courses, with Department approval**