

|                 |                                    |             |                         |
|-----------------|------------------------------------|-------------|-------------------------|
| <b>Program:</b> | <b>SCI.AS Science (60 credits)</b> |             | <b>Division:</b> STEM   |
| <b>Student:</b> |                                    | <b>ID#:</b> | Catalog Year: 2025-2026 |

| Developmental Education Courses (if required) |             |                               |                          |         |                        |                          |             |                              |
|-----------------------------------------------|-------------|-------------------------------|--------------------------|---------|------------------------|--------------------------|-------------|------------------------------|
| <input type="checkbox"/>                      | EAP-018     | Intensive Academic English    | <input type="checkbox"/> | MAT-020 | Basics of College Math | <input type="checkbox"/> | COM-017/019 | Foundational Reading/Writing |
| <input type="checkbox"/>                      | EAP-020/040 | EAP Reading I and Writing I   | <input type="checkbox"/> | MAT-03_ |                        | <input type="checkbox"/> | COM-097     | Academic Literacy I          |
| <input type="checkbox"/>                      | EAP-050/060 | EAP Writing II and Reading II |                          |         |                        | <input type="checkbox"/> | COM-098     | Academic Literacy II         |

#### SEMESTER BY SEMESTER MAP FOR FULL-TIME STUDENTS

Courses are listed in preferred order of completion. Plans may be modified by adding more semesters.

| SEMESTER I – Fall (13 credits) |                                       |                                                             |     |                                                                                                                                                     |           |
|--------------------------------|---------------------------------------|-------------------------------------------------------------|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| √                              | Course#                               | Course Name                                                 | Cr. | Pre-requisites/ Co-requisites                                                                                                                       | Semesters |
| M                              | BIO-150, or<br>CHE-150, or<br>PHY-240 | Biology I<br>Chemistry I<br>Physics I<br>(start first pair) | 4   | COM 098 or EAP 050 & EAP 060; CHE 120, MAT 030.<br>CHE 120 or High school chemistry (C or better), MAT 110<br>COM 098 or EAP 060 & EAP 050, MAT 110 | Fall & OL |
| G                              | MAT—210                               | Statistics                                                  | 3   | MAT 030, MAT 032, MAT 034 OR MAT 035 with “C”<br>or better                                                                                          | All       |
| G                              | COM-121 *                             | English Composition I                                       | 3   | COM-098 or EAP-060 and EAP-050 with a “C” or<br>better or by placement                                                                              | All & OL  |
| G                              | CSS-103 *                             | College Success Strategies                                  | 3   |                                                                                                                                                     | All & OL  |

| SEMESTER 2 – Spring (17-18 credits) |                                       |                                                                                     |     |                                                                          |             |
|-------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------|-----|--------------------------------------------------------------------------|-------------|
| √                                   | Course#                               | Course Name                                                                         | Cr. | Pre-requisites/ Co-requisites                                            | Semesters   |
| M                                   | BIO-155, or<br>CHE-155, or<br>PHY-245 | Biology II<br>Chemistry II<br>Physics II<br>(complete first pair)                   | 4   | BIO 150 (C or better),<br>CHE 150 (C or better), MAT 160<br>PHY 240      | Spring & OL |
| M                                   | MAT-180, or<br>MAT-220                | Precalculus<br>Calculus I                                                           | 3/4 | MAT 165 or placement by assessment<br>MAT-180 or placement by assessment | Spring      |
| G                                   | Humanities 1                          | ART-111, ART-201, COM-110, ENG-<br>125*, PHI-271*, PHI-275*, MUS-221,<br>or THR-120 | 3   | COM-098 or EAP-060 and EAP-050 or COM-121/122                            | All & OL    |
| G                                   | Social Science 1                      | ANT-140, HIS-110/115, PSY-130*,<br>SOC-130*                                         | 3   | COM-098 or EAP-060 and EAP-050                                           | All & OL    |
| E                                   | Elective 1                            |                                                                                     | 4   |                                                                          |             |

| FALL SEMESTER 3 – Fall (17 credits) |                                       |                                                              |     |                                                                                                                                                     |           |
|-------------------------------------|---------------------------------------|--------------------------------------------------------------|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| √                                   | Course#                               | Course Name                                                  | Cr. | Pre-requisites/ Co-requisites                                                                                                                       | Semesters |
| M                                   | BIO-150, or<br>CHE-150, or<br>PHY-240 | Biology I<br>Chemistry I<br>Physics I<br>(start second pair) | 4   | COM 098 or EAP 050 & EAP 060; CHE 120, MAT 030.<br>CHE 120 or High school chemistry (C or better), MAT 110<br>COM 098 or EAP 060 & EAP 050, MAT 110 | Fall & OL |
| G                                   | ENV-130                               | Environment                                                  | 3   | COM-098 or EAP-060 and EAP-050                                                                                                                      | All & OL  |
| G                                   | COM-221 * or<br>COM-141               | English Composition II or<br>Technical Writing               | 3   | COM-121 or 122 (C or better)                                                                                                                        | All & OL  |
| G                                   | IFT-110 *                             | Microcomputer Applications                                   | 3   | MAT-020. COM 097 or EAP 020 & EAP 040 or by<br>placement                                                                                            | All & OL  |
| E                                   | Elective 2                            |                                                              | 4   |                                                                                                                                                     |           |

| SPRING SEMESTER 4 – Spring (13-14 credits) |                                       |                            |     |                                                                    |             |
|--------------------------------------------|---------------------------------------|----------------------------|-----|--------------------------------------------------------------------|-------------|
| √                                          | Course#                               | Course Name                | Cr. | Pre-requisites/ Co-requisites                                      | Semesters   |
| M                                          | BIO-155, or<br>CHE-155, or<br>PHY-245 | Biology II<br>Chemistry II | 4   | BIO 150 (C or better)<br>CHE 150 (C or better), MAT 160<br>PHY 240 | Spring & OL |

|                              |                   |                                                                             |
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| Date created: September 2019 | Updated: May 2025 | All = Fall/Spring/Summer; OL = Online<br>M = Major; E = Elective; G = GenEd |
|------------------------------|-------------------|-----------------------------------------------------------------------------|

|          |                             |      |                         |
|----------|-----------------------------|------|-------------------------|
| Program: | SCI.AS Science (60 credits) |      | Division: STEM          |
| Student: |                             | ID#: | Catalog Year: 2025-2026 |

|   |                                |                                                     |     |                                |          |
|---|--------------------------------|-----------------------------------------------------|-----|--------------------------------|----------|
|   |                                | Physics II<br>(complete second pair)                |     |                                |          |
| G | COM-151*                       | Fundamentals of Speech                              | 3   | COM-098 or EAP-060 and EAP-050 | All & OL |
| G | Humanities/Social<br>Science 2 | ART, ENG, HUM, MUS, PHI, THR,<br>ANT, HIS, POS, SOC | 3   | See catalog                    | All      |
| E | Elective 3                     |                                                     | 3/4 |                                |          |

**Recommended Electives:**

BIO 250 (Anatomy & Physiology I), BIO 255 (Anatomy & Physiology II), BIO 260 (Genetics), BIO 280 (Microbiology),

CHE 250 (Organic Chemistry I)

Any course not taken from the 3<sup>rd</sup> pair of Major (BIO, CHE, PHY) courses

Any 200-level MAT course not used to fulfill a General Education requirement.

\*Sections of these courses offered in the Honors Program, check <https://www.racc.edu/academics/honors-program> for details. **Online (OL)** may not be offered every semester. Please check the schedule.

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|------------------------------|-------------------|-----------------------------------------------------------------------------|