

**Associate of Arts to Bachelor of Science in Biology: Cellular/Molecular Emphasis  
(B.S. Biology: Cellular/Molecular Emphasis)**

| GENERAL EDUCATION COMPLETION REQUIREMENTS                                      |           |                   | ADDITIONAL AA TRANSFER DEGREE REQUIREMENTS  |        |                   |
|--|-----------|-------------------|---|--------|-------------------|
|  | CREDIT    | SEMESTER COMPLETE |   | CREDIT | SEMESTER COMPLETE |
| <b>COMMUNICATIONS:</b>   | 9         |                   | PE 105 Health Education   | 2      |                   |
| EN 101 English I   | 3         |                   | PE Activity   | 1      |                   |
| EN 102 English II  | 3         |                   |   |        |                   |
| SP 175 Speech  | 3         |                   | <b>ELECTIVES (14 Hours Required)</b>  |        |                   |
| <b>HUMANITIES:</b>   |           |                   | All of the following are required at Northwest. If they are not taken at NCMC, they must be taken at Northwest. |        |                   |
| (choose one from three of the four categories)                                 | 9         |                   | BI 243 Microbiology   | 4      |                   |
| <b>1. Literature</b>   |           |                   | BI 101 General Botany**   | 5      |                   |
| (except Lit for Children or Preschool Literature)                              |           |                   | CH 112 General Chemistry II   | 5      |                   |
| *  | 3         |                   | PS 185 College Physics I  | 4      |                   |
| <b>2. Fine Arts</b>  |           |                   | PS 186 College Physics II   | 4      |                   |
| AR 104 Art Appreciation  | 3         |                   | MT 148 Precalculus<br>(this is a prerequisite for MT 150)   | 5      |                   |
| MU 109 Music Appreciation  | 3         |                   |   |        |                   |
| TH 111 Intro to Theatre  | 3         |                   |   |        |                   |
| <b>3. Humanities/Cultural Studies</b>  |           |                   |   |        |                   |
| HU 110 or HU 111 Intro to Humanities I or II                                   | 3         |                   |   |        |                   |
| HI 101 or 102 Western Civilization I or II                                     | 3         |                   |   |        |                   |
| <b>4. Philosophy/Foreign Language</b>  |           |                   |   |        |                   |
| Foreign Language (recommended):  | 3         |                   |   |        |                   |
| *  |           |                   |   |        |                   |
| <i>Will satisfy Northwest's Multicultural/Diversity Competency requirement</i> |           |                   |   |        |                   |
| <b>MANAGING INFORMATION</b>  | 3         |                   |   |        |                   |
| BT 160 Microcomputer Applications  | 3         |                   |   |        |                   |
| <b>MATHEMATICS</b>   | 5         |                   |   |        |                   |
| MT 150 Geometry & Calculus I   | 5         |                   |   |        |                   |
| <b>NATURAL SCIENCE</b>   | 10        |                   |   |        |                   |
| Must have one course with lab from each area                                   |           |                   |   |        |                   |
| <b>1. Life Science:</b>  |           |                   |   |        |                   |
| BI 103 General Zoology**   | 5         |                   |   |        |                   |
|  |           |                   |   |        |                   |
| <b>2. Physical Science:</b>  |           |                   |   |        |                   |
| CH 110 Chemistry I   | 5         |                   |   |        |                   |
|  |           |                   |   |        |                   |
|  |           |                   |   |        |                   |
| <b>SOCIAL SCIENCE</b>  | 9         |                   |   |        |                   |
| HI 103 American History I <b>OR</b>  | 3         |                   |   |        |                   |
| PL 216 National Government   |           |                   |   |        |                   |
| *  | 3         |                   |   |        |                   |
| *  | 3         |                   |   |        |                   |
| <b>TOTAL GENERAL EDUCATION REQUIREMENTS</b>                                    | <b>45</b> |                   |   |        |                   |

**\*\*Student must receive a "C" or better in courses noted with a double asterisk. See Northwest's undergraduate academic catalog for more information.**

General Education completion date: \_\_\_\_\_

Form filed with Registrar date: \_\_\_\_\_

Associate of Arts completion date: \_\_\_\_\_

**REMINDE THE STUDENT TO APPLY FOR GRADUATION!**

Student's Initials: \_\_\_\_\_

Advisor's Initials: \_\_\_\_\_

**Major and Transfer School**

|      |       |                 |
|------|-------|-----------------|
| Date | Major | Transfer School |
|------|-------|-----------------|

|  |                                  |           |
|--|----------------------------------|-----------|
|  | B.S. Biology: Cellular/Molecular | Northwest |
|--|----------------------------------|-----------|