

# Degree & Certificate Requirements

## Associate in Science Transfer (AS-T1) in Biological Sciences, Environmental Sciences, Chemistry, Geology, Earth Sciences TRANSFER

### 2026-2027 Degree Requirements

#### Communication

| Course Number                                         | Course Title              | Credits  | Qtr. Completed | Comments / Substitution |
|-------------------------------------------------------|---------------------------|----------|----------------|-------------------------|
| <b>English - select 5 credits from the following:</b> |                           |          |                |                         |
| ENGL& 101                                             | English Composition I [C] | 5        |                |                         |
| ENGL& 102                                             | Composition II [C]        | 5        |                |                         |
| <b>Subtotal</b>                                       |                           | <b>5</b> |                |                         |

#### Mathematics

| Course Number                                              | Course Title                        | Credits   | Qtr. Completed | Comments / Substitution |
|------------------------------------------------------------|-------------------------------------|-----------|----------------|-------------------------|
| <b>Mathematics - select 10 credits from the following:</b> |                                     |           |                |                         |
| MATH& 151                                                  | Calculus I [M/S] [Q/SR]             | 5         |                |                         |
| MATH& 152                                                  | Calculus II [M/S] [Q/SR]            | 5         |                |                         |
| MATH& 153                                                  | Calculus III [M/S] [Q/SR]           | 5         |                |                         |
| MATH 243                                                   | Linear Algebra [M/S] [Q/SR]         | 5         |                |                         |
| MATH& 254                                                  | Calculus IV [M/S] [Q/SR]            | 5         |                |                         |
| MATH 255                                                   | Differential Equations [M/S] [Q/SR] | 5         |                |                         |
| <b>Subtotal</b>                                            |                                     | <b>10</b> |                |                         |

# Degree & Certificate Requirements

## Humanities and Social & Behavioral Sciences

Select three courses from the list below. Complete at least one course from each of the two groups. Courses must be selected from three different subject areas with a total of 15 credits required. No more than 5 credits in any World Languages.

| Course Number                                                                                                                                | Course Title                                     | Credits | Qtr. Completed | Comments / Substitution |
|----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|---------|----------------|-------------------------|
| <b>Humanities - at least one course must be selected from this group. Courses must be selected from different subjects.</b>                  |                                                  |         |                |                         |
| ART& 100                                                                                                                                     | Art Appreciation [H]                             | 5       |                |                         |
| ART 116                                                                                                                                      | Art History Ancient World [H]                    | 5       |                |                         |
| ART 117                                                                                                                                      | Art History Medieval-Baroque [H]                 | 5       |                |                         |
| ART 118                                                                                                                                      | Art History Modern Times [H]                     | 5       |                |                         |
| DRMA& 101                                                                                                                                    | Intro to Theatre [H]                             | 5       |                |                         |
| DRMA 215                                                                                                                                     | Survey of Theatre History [H]                    | 5       |                |                         |
| ENGL& 111                                                                                                                                    | Intro to Literature [H]                          | 5       |                |                         |
| ENGL 140                                                                                                                                     | The Cinema [H]                                   | 5       |                |                         |
| ENGL 160                                                                                                                                     | Women's Literature [H]                           | 5       |                |                         |
| ENGL 180                                                                                                                                     | Multicultural Literature [H]                     | 5       |                |                         |
| ENGL 195                                                                                                                                     | Bible As Literature [H]                          | 5       |                |                         |
| ENGL 203                                                                                                                                     | Mythology [H]                                    | 5       |                |                         |
| ENGL 210                                                                                                                                     | Intro to Linguistics [H]                         | 5       |                |                         |
| ENGL& 220                                                                                                                                    | Intro to Shakespeare [H]                         | 5       |                |                         |
| ENGL& 236                                                                                                                                    | Creative Writing I [H]                           | 5       |                |                         |
| ENGL& 237                                                                                                                                    | Creative Writing II [H]                          | 5       |                |                         |
| ENGL& 244                                                                                                                                    | American Literature I [H]                        | 5       |                |                         |
| ENGL& 245                                                                                                                                    | American Literature II [H]                       | 5       |                |                         |
| ENGL& 246                                                                                                                                    | American Literature III [H]                      | 5       |                |                         |
| ENGL& 254                                                                                                                                    | World Literature I [H]                           | 5       |                |                         |
| ENGL& 255                                                                                                                                    | World Literature II [H]                          | 5       |                |                         |
| ENGL& 256                                                                                                                                    | World Literature III [H]                         | 5       |                |                         |
| ENGL 257                                                                                                                                     | English Grammar [H]                              | 5       |                |                         |
| ENGL 264                                                                                                                                     | English Literature I [H]                         | 5       |                |                         |
| ENGL 265                                                                                                                                     | English Literature II [H]                        | 5       |                |                         |
| ENGL 266                                                                                                                                     | English Literature III [H]                       | 5       |                |                         |
| ENGL 275                                                                                                                                     | The Lord of The Rings [H]                        | 5       |                |                         |
| ENGL 280                                                                                                                                     | Lesbian, Gay, Bisexual, Trans, Queer Studies [H] | 5       |                |                         |
| HIST& 126                                                                                                                                    | World Civilizations I [H]                        | 5       |                |                         |
| HIST& 127                                                                                                                                    | World Civilizations II [H]                       | 5       |                |                         |
| HIST& 128                                                                                                                                    | World Civilizations III [H]                      | 5       |                |                         |
| HIST& 215                                                                                                                                    | Women in U.S. History [H]                        | 5       |                |                         |
| <b>HIST&amp; 215 is cross-listed with WS 215. A student may not use equivalent cross-listed courses for the same graduation requirement.</b> |                                                  |         |                |                         |
| ICS 120                                                                                                                                      | Survey of Hispanic Culture [H]                   | 5       |                |                         |
| ICS 125                                                                                                                                      | Native American Culture [H]                      | 5       |                |                         |
| ICS 130                                                                                                                                      | Survey of Asian American Culture [H]             | 5       |                |                         |
| ICS 135                                                                                                                                      | Survey of African American Cultures [H]          | 5       |                |                         |
| ICS 200                                                                                                                                      | Intercultural Leadership [H]                     | 5       |                |                         |
| ICS 222                                                                                                                                      | Columbia Basin Cultures [H]                      | 5       |                |                         |
| MUSC& 105                                                                                                                                    | Music Appreciation [H]                           | 5       |                |                         |
| MUSC 116                                                                                                                                     | History of Jazz [H]                              | 5       |                |                         |
| PHIL& 101                                                                                                                                    | Intro to Philosophy [H]                          | 5       |                |                         |
| PHIL 106                                                                                                                                     | Introduction to Logic [H]                        | 5       |                |                         |

# Degree & Certificate Requirements

| Course Number                                                                                                                                     | Course Title                                                            | Credits | Qtr. Completed | Comments / Substitution |
|---------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|---------|----------------|-------------------------|
| PHIL 131                                                                                                                                          | World Religions [H]                                                     | 5       |                |                         |
| PHIL 150                                                                                                                                          | Introduction to Ethics [H]                                              | 5       |                |                         |
| WS 155                                                                                                                                            | Women's Cultural Heritage [H]                                           | 5       |                |                         |
| WS 215                                                                                                                                            | Women in U.S. History [H]                                               | 5       |                |                         |
| <b>WS 215 is cross-listed with HIST&amp; 215. A student may not use equivalent cross-listed courses for the same graduation requirement.</b>      |                                                                         |         |                |                         |
| World Languages numbered 121 and above (excluding conversational classes). All World Languages courses count as a single subject.                 |                                                                         | 5       |                |                         |
| <b>Social &amp; Behavioral Sciences - at least one course must be selected from this group. Courses must be selected from different subjects.</b> |                                                                         |         |                |                         |
| ANTH& 100                                                                                                                                         | Survey of Anthropology [S/B]                                            | 5       |                |                         |
| ANTH& 204                                                                                                                                         | Archaeology [S/B]                                                       | 5       |                |                         |
| ANTH& 206                                                                                                                                         | Cultural Anthropology [S/B]                                             | 5       |                |                         |
| ANTH& 234                                                                                                                                         | Religion & Culture [S/B]                                                | 5       |                |                         |
| BUS& 101                                                                                                                                          | Introduction to Business [S/B]                                          | 5       |                |                         |
| CJ& 101                                                                                                                                           | Introduction to Criminal Justice [S/B]                                  | 5       |                |                         |
| CMST& 102                                                                                                                                         | Intro to Mass Media [S/B]                                               | 5       |                |                         |
| ECON 110                                                                                                                                          | Economic Trends, Issues and Policy [S/B]                                | 5       |                |                         |
| ECON& 201                                                                                                                                         | Micro Economics [S/B]                                                   | 5       |                |                         |
| ECON& 202                                                                                                                                         | Macro Economics [S/B]                                                   | 5       |                |                         |
| ECON 291                                                                                                                                          | History of American Economic Development [S/B]                          | 1–5     |                |                         |
| GEOG& 200                                                                                                                                         | Human Geography [S/B]                                                   | 5       |                |                         |
| HIST 107                                                                                                                                          | Chicano History [S/B]                                                   | 5       |                |                         |
| HIST 108                                                                                                                                          | History of Immigration In The U.S. [S/B]                                | 5       |                |                         |
| HIST 110                                                                                                                                          | History of Modern East Asia [S/B]                                       | 5       |                |                         |
| HIST 111                                                                                                                                          | Colonial Latin America [S/B]                                            | 5       |                |                         |
| HIST 112                                                                                                                                          | Modern Latin America [S/B]                                              | 5       |                |                         |
| HIST 113                                                                                                                                          | Mexico Since Independence [S/B]                                         | 5       |                |                         |
| HIST 115                                                                                                                                          | Intro to Middle East History & Society [S/B]                            | 5       |                |                         |
| <b>HIST 115 is cross-listed with SOC 115. A student may not use equivalent cross-listed courses for the same graduation requirement.</b>          |                                                                         |         |                |                         |
| HIST& 146                                                                                                                                         | U.S. History I [S/B]                                                    | 5       |                |                         |
| HIST& 147                                                                                                                                         | U.S. History II [S/B]                                                   | 5       |                |                         |
| HIST& 148                                                                                                                                         | U.S. History III [S/B]                                                  | 5       |                |                         |
| HIST 212                                                                                                                                          | American Military History from the Colonial Period to the Present [S/B] | 5       |                |                         |
| ICS 220                                                                                                                                           | Globalization [S/B]                                                     | 5       |                |                         |
| <b>ICS 220 is cross-listed with SOC 220. A student may not use equivalent cross-listed courses for the same graduation requirement.</b>           |                                                                         |         |                |                         |
| ICS 255                                                                                                                                           | Race and Ethnic Relations [S/B]                                         | 5       |                |                         |
| POLS 104                                                                                                                                          | State and Local Government [S/B]                                        | 5       |                |                         |
| POLS& 201                                                                                                                                         | Intro Political Theory [S/B]                                            | 5       |                |                         |
| POLS& 202                                                                                                                                         | United States Government [S/B]                                          | 5       |                |                         |
| POLS& 203                                                                                                                                         | International Relations [S/B]                                           | 5       |                |                         |
| POLS& 204                                                                                                                                         | Comparative Government [S/B]                                            | 5       |                |                         |
| POLS 205                                                                                                                                          | American Political Thought [S/B]                                        | 5       |                |                         |
| POLS 280                                                                                                                                          | Race and Law in the U.S.[S/B]                                           | 5       |                |                         |
| PSYC& 100                                                                                                                                         | General Psychology [S/B]                                                | 5       |                |                         |
| PSYC& 200                                                                                                                                         | Lifespan Psychology [S/B]                                               | 5       |                |                         |

# Degree & Certificate Requirements

| Course Number                                                                                                                            | Course Title                                 | Credits   | Qtr. Completed | Comments / Substitution |
|------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|-----------|----------------|-------------------------|
| PSYC 201                                                                                                                                 | Social Psychology [S/B]                      | 5         |                |                         |
| PSYC 209                                                                                                                                 | Fundamentals of Psychological Research [S/B] | 5         |                |                         |
| PSYC& 220                                                                                                                                | Psychological Disorders [S/B]                | 5         |                |                         |
| SOC& 101                                                                                                                                 | Intro to Sociology [S/B]                     | 5         |                |                         |
| SOC 110                                                                                                                                  | Gender, Media, & Popular Culture [S/B]       | 5         |                |                         |
| <b>SOC 110 is cross-listed with WS 110. A student may not use equivalent cross-listed courses for the same graduation requirement.</b>   |                                              |           |                |                         |
| SOC 115                                                                                                                                  | Intro to Middle East History & Society [S/B] | 5         |                |                         |
| <b>SOC 115 is cross-listed with HIST 115. A student may not use equivalent cross-listed courses for the same graduation requirement.</b> |                                              |           |                |                         |
| SOC 150                                                                                                                                  | Marriage, Family, and Relationships [S/B]    | 5         |                |                         |
| SOC 160                                                                                                                                  | Gender Studies [S/B]                         | 5         |                |                         |
| SOC& 201                                                                                                                                 | Social Problems [S/B]                        | 5         |                |                         |
| SOC 220                                                                                                                                  | Globalization [S/B]                          | 5         |                |                         |
| <b>SOC 220 is cross-listed with ICS 220. A student may not use equivalent cross-listed courses for the same graduation requirement.</b>  |                                              |           |                |                         |
| SOC 221                                                                                                                                  | Sociology of Deviance and Crime [S/B]        | 5         |                |                         |
| SOC 269                                                                                                                                  | Sociology of World Cinema [S/B]              | 5         |                |                         |
| SSCI 290                                                                                                                                 | Social Research Methods [S/B]                | 4         |                |                         |
| and                                                                                                                                      |                                              |           |                |                         |
| SSCI 291                                                                                                                                 | Social Research Methods Lab [S/B]            | 1         |                |                         |
| WS 110                                                                                                                                   | Gender, Media, and Popular Culture [S/B]     | 5         |                |                         |
| <b>WS 110 is cross-listed with SOC 110. A student may not use equivalent cross-listed courses for the same graduation requirement.</b>   |                                              |           |                |                         |
| <b>Subtotal</b>                                                                                                                          |                                              | <b>15</b> |                |                         |

## Pre-Major Courses - Chemistry

**Sequences of courses should be taken at the same institution.**

| Course Number   | Course Title                       | Credits   | Qtr. Completed | Comments / Substitution |
|-----------------|------------------------------------|-----------|----------------|-------------------------|
| CHEM& 161       | General Chemistry I W/ Lab [M/S]   | 6         |                |                         |
| CHEM& 162       | General Chemistry II W/ Lab [M/S]  | 6         |                |                         |
| CHEM& 163       | General Chemistry III W/ Lab [M/S] | 6         |                |                         |
| <b>Subtotal</b> |                                    | <b>18</b> |                |                         |

## Pre-Major Courses - Math

| Course Number                               | Course Title                       | Credits  | Qtr. Completed | Comments / Substitution |
|---------------------------------------------|------------------------------------|----------|----------------|-------------------------|
| <b>Select 5 credits from the following:</b> |                                    |          |                |                         |
| MATH& 146                                   | Introduction to Stats [M/S] [Q/SR] | 5        |                |                         |
| MATH& 153                                   | Calculus III [M/S] [Q/SR]          | 5        |                |                         |
| <b>Subtotal</b>                             |                                    | <b>5</b> |                |                         |

# Degree & Certificate Requirements

## Pre-Major Courses - Science

Sequences of courses should be taken at the same institution.

| Course Number                         | Course Title                         | Credits   | Qtr. Completed | Comments / Substitution |
|---------------------------------------|--------------------------------------|-----------|----------------|-------------------------|
| Select one series from the following: |                                      |           |                |                         |
| <b>Biology series:</b>                |                                      |           |                |                         |
| BIOL& 211                             | Majors Cellular W/ Lab [M/S]         | 5         |                |                         |
| BIOL& 212                             | Majors Plant W/ Lab [M/S]            | 5         |                |                         |
| BIOL& 213                             | Majors Animal W/ Lab [M/S]           | 5         |                |                         |
| <b>Physics series 1:</b>              |                                      |           |                |                         |
| PHYS& 114                             | General Physics I W/ Lab [M/S]       | 5         |                |                         |
| PHYS& 115                             | General Physics II W/ Lab [M/S]      | 5         |                |                         |
| PHYS& 116                             | General Physics III W/ Lab [M/S]     | 5         |                |                         |
| <b>Physics series 2:</b>              |                                      |           |                |                         |
| PHYS& 221                             | Engineering Physics I W/ Lab [M/S]   | 5         |                |                         |
| PHYS& 222                             | Engineering Physics II W/ Lab [M/S]  | 5         |                |                         |
| PHYS& 223                             | Engineering Physics III W/ Lab [M/S] | 5         |                |                         |
| <b>Subtotal</b>                       |                                      | <b>15</b> |                |                         |

## Pre-Major Courses - Additional Science

**10-15 credits in Physics, Geology, Organic Chemistry, Biology or Mathematics, consisting of courses normally taken for science majors (not for general education), preferably in a two- or three-quarter sequence. Future Biology majors should select organic chemistry or physics.**

| Course Number   | Course Title | Credits      | Qtr. Completed | Comments / Substitution |
|-----------------|--------------|--------------|----------------|-------------------------|
|                 |              | 5            |                |                         |
|                 |              | 5            |                |                         |
|                 |              | 0-5          |                |                         |
| <b>Subtotal</b> |              | <b>10-15</b> |                |                         |

## Electives - Program Specific Under Advisement

**Sufficient additional college-level credits so that total credits earned are at least 90 credits. These remaining credits may include prerequisites for major courses (e.g. pre-calculus), additional major coursework or specific general education or other university requirements, as approved by the advisor. Select courses based on the requirements or the specific discipline at the baccalaureate institution you plan to attend. \*\*\*Some baccalaureate programs require physics with calculus. \*\*\*A single course cannot count in two areas.**

| Course Number                 | Course Title | Credits      | Qtr. Completed | Comments / Substitution |
|-------------------------------|--------------|--------------|----------------|-------------------------|
|                               |              | 5            |                |                         |
|                               |              | 5            |                |                         |
|                               |              | 0-5          |                |                         |
| <b>Subtotal</b>               |              | <b>10-15</b> |                |                         |
| <b>Total Credits Required</b> |              | <b>93</b>    |                |                         |

## Graduation Requirements:

The Associate in Science Transfer (AS-T1) degree does NOT guarantee that the student has met the general education requirements at the transfer baccalaureate institution.

- Required minimum 93 credits.
- Required minimum cumulative college-level GPA of 2.0.
- At least one-third of the college-level, degree applicable credits must be taken at CBC.
- Depending on your major, some course choices may be more appropriate than others. Consult with your completion coach or advisor.
- A student may not use equivalent cross-listed courses for the same graduation requirement. Refer to the Cross-Listed Courses section of the catalog for more information, and consult with your completion coach or advisor.

## Associate in Science Transfer (AS-T1) in Biology/Environmental Science/Chemistry/Geology/Earth Sciences Information:

For transferring students, 85 of the 93 credits must be fully transferable as defined by the Intercollege Relations Commission (ICRC) guidelines to be honored by four-year institutions in Washington. A maximum of 5 restricted elective credits may be used. Due to the specialized nature of many of the listed courses, students should consult their advisor and the catalog of the four-year institution to which they plan to transfer for specific degree requirements.