

BRIDGES, Coordinated Bachelor's Degree Program 2011 – 2012 Plan of Study

B.S. in General Physical Sciences Direct Bachelor's Option

This guide has been prepared for students seeking a **Bachelor of Science in General Physical Sciences**, beginning at Columbia Basin College and finishing at Washington State University Tri-Cities. The guide allows students to meet WSU General Education Requirements (GERs) and departmental-specific requirements in the WSU catalog. **This Plan of Study is intended as a guide for both students and counselors/advisors to use together. This is only a suggested outline and can be tailored to an individual student's needs.**

2 Year Plan

Year 1 (CBC courses)

Fall Quarter (15 credits)

- _____ ENGL& 101 – English Composition I [W]
- _____ CHEM& 161 – General Chemistry I w/ lab
- _____ MATH& 151 – Calculus I [N]

Winter Quarter (15 credits)

- _____ CHEM& 162 – General Chemistry II w/ lab
- _____ MATH& 152 – Calculus II
- _____ CMST& 220, ENGL& 102 or ENGL& 235 – Public Speaking, Composition II, or Technical Writing [C,W]

Spring Quarter (15 credits)

- _____ CHEM& 163 – General Chemistry III w/ lab
- _____ MATH& 153 – Calculus III
- _____ SOC& 101 – Introduction to Sociology (recommended) [S,D]

Year 2 (CBC courses)

Fall Quarter (15 credits)

- _____ PHYS& 221, 231 – Engineering Physics I w/ lab
- _____ Intercultural Studies¹ [I,G,K]
- _____ HIST& 126, 127 or 128 – World Civilization series (choose one) [A]

Winter Quarter (20 credits)

- _____ PHYS& 222, 232 – Engineering Physics II w/ lab
- _____ HIST& 126, 127 or 128 – World Civilization series (choose one) [A]
- _____ Arts & Humanities¹ [H,G]
- _____ Social Science¹ [S,K] or Arts and Humanities Elective¹ [H,G]

Spring Quarter (15 credits)

- _____ PHYS& 223, 233 – Engineering Physics III w/ lab
- _____ Biological Science¹ [B]
- _____ Social Science¹ [S,K] or Arts and Humanities Elective¹ [H,G]

Total Number Credits: 95 (Additional prerequisite or proficiency courses may be required)

Endnote Explanations

1. Choose courses from Columbia Basin College's AA Direct Transfer Agreement listing.
2. The degree programs within the College of Sciences requires that a student has taken either 2 years of the same foreign language in high school, or 1 year (two quarters or two semesters) of the same foreign language at the college level.

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B.S. in General Physical Sciences

AA (DTA) Option

As you pursue a **Bachelor of Science in General Physical Sciences** you may obtain an Associate of Arts and Science Degree (Direct Transfer Agreement) from CBC as well as complete lower-division major requirements and some WSU College of Science requirements. The Direct Transfer Agreement (DTA) satisfies Washington State University's lower-division General Education Requirements (GERs). **This Plan of Study is a guide for both students and counselors/advisors to use together.**

AA Plan

Use this as a **guide** in planning the first two years of study at CBC which will lead to the completion of the AA (DTA) degree while fulfilling lower-division requirements for the bachelor's degree.

Communications (13 – 15 credits)

- _____ ENGL& 101 – English Composition I
- _____ ENGL& 102 or 235 – English Composition II or Technical Writing
- _____ Communication Studies¹

Math Proficiency (See DTA requirements)

Quantitative/Symbolic Reasoning (5 credits)

- _____ MATH& 151 – Calculus I

Humanities¹ (15 credits)

- _____ _____(foreign language if needed)²
- _____
- _____

Social & Behavioral Sciences¹ (15 credits)

Mathematical & Natural Science (15 credits)

- _____ CHEM& 161 – General Chemistry I w/ lab
- _____ CHEM& 162 – General Chemistry II w/ lab
- _____ Biological Science¹

Health & Physical Education (3 credits)

- _____ Health lecture or PE activity: _____

AA (DTA) Electives (30 credits)

Courses listed are required for the BS and will count as AA (DTA) electives.

- _____ PHYS& 221, 231 – Engineering Physics I w/ lab
- _____ PHYS& 222, 232 – Engineering Physics II w/ lab
- _____ PHYS& 223, 233 – Engineering Physics III w/ lab
- _____ CHEM& 163 – General Chemistry III w/ lab
- _____ MATH& 152 – Calculus II
- _____ MATH& 153 – Calculus III

Total Number of Credits: 96-98 (Additional prerequisite or proficiency courses may be required)

Endnote Explanations

1. Choose courses from Columbia Basin College's AA Direct Transfer Agreement listing.
2. Students can use one foreign language class in the Humanities and two foreign language classes in the elective area if needed. The degree programs within the College of Sciences requires that a student has taken either 2 years of the same foreign language in high school, or 1 year (two quarters or two semesters) of the same foreign language at the college level.