

ASSOCIATE OF SCIENCE- TRANSFER TRACK 1

Chemistry

START here


Requirements to Earn this Associate Degree

Work with an advisor to develop your specialized education plan.

Communication Skills: 5 credits

- ENGL&101: English Composition I .....5

Quantitative Skills: 10 credits (SQR)

- MATH&151: Calculus I .....5
- MATH&152: Calculus II.....5

Humanities (HU, HP) and Social Science (SS): 15 credits

[ART, CMST, ENGL, FREN, GERM, HUM, MUSC, PHIL, REL, SPAN]

[ANTH, CJ, ECON, HIST, POLS, PSYC, SOC]

- Humanities: Select with Advisor.....5
- Social Science: Select with Advisor.....5
- Humanities OR Social Science: Select with Advisor.....5


AS-T 1 Pre-Major: 45-50 credits (NS, LS, MS)

- BIOL&221: Majors Ecology/Evolution.....5
- BIOL&222: Majors Cell/Molecular.....5
- BIOL&223: Majors Organismal Phys.....5

OR

- PHYS&114: General Physics I.....5
- PHYS&115: General Physics II.....5
- PHYS&116: General Physics III.....5

OR

- PHYS&221: Engineering Physics I with Lab.....5
- PHYS&222: Engineering Physics II with Lab.....5
- PHYS&223: Engineering Physics III with Lab.....5
- CHEM&161: General Chemistry with Lab I .....5
- CHEM&162: General Chemistry with Lab II.....5
- CHEM&163: General Chemistry with Lab III.....5
- BIOL, CHEM, GEOL, MATH, PHYS: Select with Advisor.....5
- BIOL, CHEM, GEOL, MATH, PHYS: Select with Advisor.....5
- MATH&146: Statistics OR
- MATH&163: Calculus III.....5

Remaining Credits: 10-15 credits

-5
-5
-2

Physical Education/Health & Wellness: 3 credits

- PEH 178: Principles of Fitness OR
- PEH 100: Lifetime Wellness OR.....3
 -1
 -1
 -1



TO DO:

Stay on track with this checklist!

TO DO'S:

QUARTER 1

- APPLY FOR FAFSA OR WASFA FOR NEXT YEAR
- SET UP YOUR BANKMOBILE ACCOUNT
- GET FAMILIAR WITH YOUR CTCLINK STUDENT HOMEPAGE
- MEET WITH YOUR ADVISOR
- IDENTIFY POTENTIAL TRANSFER SCHOOLS

QUARTER 2

- MAKE AN EDUCATION PLAN WITH YOUR ADVISOR
- APPLY FOR BBCC FOUNDATION SCHOLARSHIPS
- CONSIDER SUMMER UNDERGRADUATE RESEARCH PROGRAMS

QUARTER 3

- DECIDE ON TRANSFER SCHOOLS
- APPLY TO SUMMER UNDERGRADUATE RESEARCH PROGRAMS

QUARTER 4

- UPDATE YOUR EDUCATION PLAN WITH YOUR ADVISOR
- APPLY FOR FAFSA OR WASFA FOR NEXT YEAR

QUARTER 5

- APPLY FOR GRADUATION (AFTER ENROLLING IN YOUR FINAL QUARTER OF CLASSES)
- SUBMIT TRANSFER APPLICATIONS

QUARTER 6

- ORDER CAP AND GOWN
- ATTEND GRADUATION!

Total Credits Required: 90

Career Outlook

There are a wide variety of career opportunities including pre-medical, pre-dental, pre-veterinary, pre-PT, pre-pharmacology, forensic scientists, lab techs, environmental scientist, engineer, agriculture, and education.

Future Education Opportunities

Successful completion of the AS-Track 1 degree prepares students for a Bachelor's degree in Chemistry with specializations in Inorganic, Analytical, Environmental, Instrumental, Organic, Biochemistry, or Materials Science. It also prepares students for the continuation of preparation for professional programs such as pre-medicine, pre-dental, pre-veterinarian, pre-pharmacy, physical therapy.

Find Out More

chemistry@bigbend.edu

<https://www.bigbend.edu/academics/chemistry/>

Length of Program

90 credits = 6 quarters* if you take 15 credits each quarter.

*Your specific route may take longer than 7 quarters depending on the number of credits you take each quarter and where you start in your math and English pathways.

Which Quarter Can I Begin?

The 2-year pathway starts Fall quarter. While courses may be started any quarter, this will extend time to degree completion.

Program Modality

This program can be completed on campus or hybrid. Courses are offered on-campus, online, or hybrid (part on-campus, part online).

Helpful Hints

- Cumulative GPA must be 2.0 or higher.
- Meet with your advisor each quarter to make sure you are on track!
- Instead of PEH 178 or 100 you can take 3, 1-credit PEH activity courses.

SCHOLARSHIP INFORMATION

Central Washington University

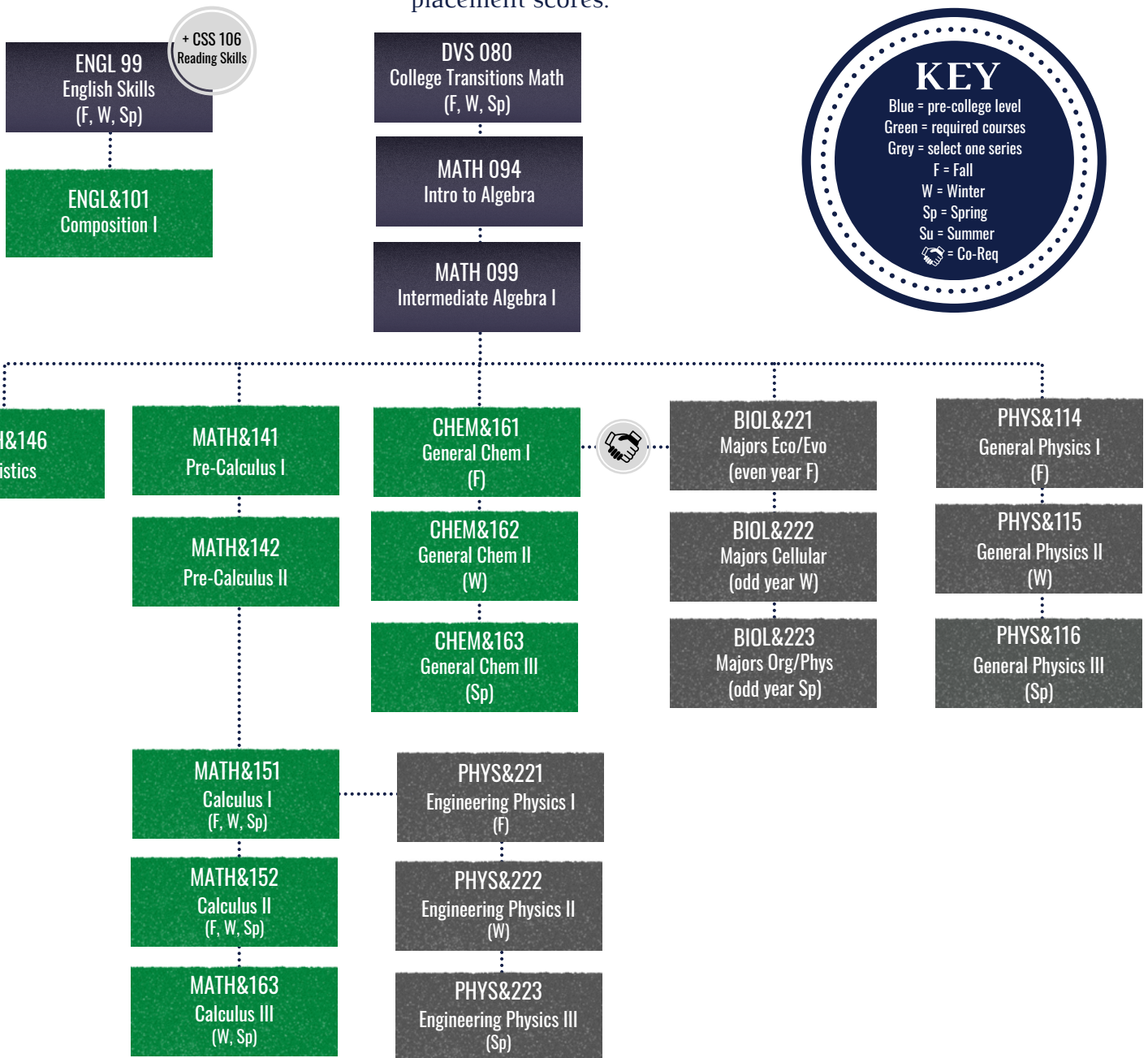
Washington State University

Eastern Washington University

University of Washington

Chemistry Pre-Requisite Flow Chart

Start by talking with an advisor to determine which courses to take first based on your placement scores.



Advising Tips

- The Gen Chem, Engr Phys, and Majors Biology series each start in the fall and stretch through the spring
- Recommendations for WA state schools:
 - WSU: MATH&151, 152, 163, 220, either PHYS series
 - CWU: ENGL&235, MATH&151, 152, 163, 254, either PHYS series
 - EWU: MATH& 151, 152, 163, either PHYS series

Suggested Schedule to Earn this Associate Degree

If the classes listed below don't fit your schedule or you're planning to start after fall quarter, work with an advisor to develop your specialized education plan.

Year One

Fall	Credits
• ENGL&101: English Composition I.....	5
• CHEM&161: General Chem I.....	5
• MATH&141: Pre-Calculus I.....	5
Winter	
• CHEM&162: General Chem II.....	5
• ENGL&235: Technical Writing.....	5
• MATH&142: Pre-Calculus II.....	5
Spring	
• CHEM&163: General Chem III.....	5
• MATH&151: Calculus I.....	5
• Social Science: select with advisor.....	5

Year Two

Fall	
• Humanities or Social Science : Select with advisor.....	5
• MATH&152: Calculus II.....	5
• PHYS& 114: General Physics I.....	5
• Physical Education/Wellness	1
Winter	
• MATH&163: Calculus III OR MATH&146: Introduction to Statistics.....	5
• PHYS& 115: General Physics II.....	5
• Physical Education/Wellness	1
• Remaining credits: Select with advisor.....	5
Spring	
• PHYS& 116: General Physics III.....	5
• Physical Education/Wellness	1
• Remaining credits: Select with advisor.....	5
• Remaining credits: Select with advisor.....	2

The purpose of the AS-T degree is to allow the student who plans to complete a Bachelor of Science degree in chemistry the opportunity to make substantial progress toward fulfilling major requirements while completing at least half of the liberal arts, or general requirements. Completing the AS-T degree will prepare students for upper division study; it does not guarantee students admission to the major. The college recommends that the student identify one or two potential transfer schools and then contact qualified program advisors at those institutions as early as possible to obtain specific, course-by-course advice.

My Education Plan

Name: _____

ID #: _____

 Quarter/Year	Quarter/Year
Quarter/Year	Quarter/Year
Quarter/Year	Quarter/Year

My Education Plan

Name: _____

ID #: _____

Quarter/Year

Quarter/Year

Quarter/Year

Quarter/Year

Quarter/Year

Quarter/Year

