

Course Sequencing		
Year	Quarter	Subject
First Year	Fall	<a href="#">ENGL&amp; 101</a> (English Comp 1) <a href="#">MATH&amp; 141</a> (Precalculus 1) <a href="#">BIOL&amp; 160</a> (General Biology w/ Lab) <a href="#">HDEV 101 or 102</a> (Creating Academic Success OR College Connections) <a href="#">FYI 101</a> (First Year Introduction)
	Winter	<a href="#">ENGL&amp; 102</a> (English Comp 2) <a href="#">MATH&amp; 142</a> (Precalculus 2) <a href="#">CHEM&amp; 161</a> (Gen Chem 1 w/ Lab)
	Spring	<a href="#">CMST&amp; 220</a> (Public Speaking) <a href="#">CHEM&amp; 162</a> (Gen Chem 2 w/ Lab) <a href="#">MATH&amp; 151</a> (Calculus 1)
	Summer	<a href="#">CHEM&amp; 163</a> (Gen Chem 3 w/ Lab) <a href="#">MATH&amp; 152</a> (Calculus 2) <a href="#">ART&amp; 100</a> (Art Appreciation)
Second Year	Fall	<a href="#">MATH&amp; 153</a> (Calculus 3) <a href="#">PHYS&amp; 221</a> (Engineering Physics 1 w/ Lab) <a href="#">PSYC&amp; 100</a> (Gen Psychology)
	Winter	<a href="#">MATH 243</a> (Linear Algebra) <a href="#">PHYS&amp; 222</a> (Engineering Physics 2 w/ Lab) <a href="#">CMST&amp; 102</a> (Intro to Mass Media)
	Spring	<a href="#">SOC&amp; 101</a> (Intro to Sociology) <a href="#">PHYS&amp; 223</a> (Engineering Physics 3 w/ Lab) <a href="#">PHIL 106</a> (Intro to Logic)
	Summer	<a href="#">HIST&amp; 128</a> (World Civilizations 3) <a href="#">HE 170</a> (Health & Wellness)

The plan above is only a sample. If you want to see all of the courses we offer, please visit our online catalog [here!](#)

## BEFORE YOU START

Ready to get started? To begin working towards the AA-DTA degree, you simply need to apply and be accepted to CBC. You can apply online at [www.columbiabasin.edu](http://www.columbiabasin.edu).

## ABOUT THE PROGRAM

Do you wonder where the stars come from or how the moon and other planets move around the Earth? By studying Astronomy at Columbia Basin College (CBC), you'll explore the history of astronomy and the universe, including cosmology, star formation, the evolution of galaxies and more modern discoveries.

We offer a unique opportunity for hands-on learning in the Robert and Elisabeth Moore Observatory, located right here on our Pasco campus! You'll also have a chance to learn about the mysteries of the cosmos in the Bechtel National Planetarium, which contains the most state-of-the-art projection system in the Pacific Northwest.

**Answer life's big questions.** Who hasn't wondered what's out there beyond the clouds? What child hasn't dreamed of being able to look into the vast universe and make new, exciting discoveries? Studying astronomy gives you the chance to get up close and personal with neighboring nebulas and galaxies far, far away.

**Build a firm foundation for life here on Earth.** Studying astronomy provides an opportunity to build your skills in a variety of fields including physics, math, computer science, problem solving and critical thinking. Learning about the beyond gives you a great perspective and foundation to succeed right here at home.

**Choose your trajectory.** Starting out with a background in astronomy and other earth sciences here at CBC means you'll be ready to pursue a variety of majors at a four-year institution of your choosing and launch into many fascinating careers once your studies are completed.

## OUT OF CLASS TO DO'S

- Contact your instructors and/or the CBC Career Services Center to find an internship, observation/shadowing experience, or a job in the field of astronomy.
- Research transfer schools of interest with your Completion Coach.
- Visit the Academic Success Center for quiet study space, small group study, supplemental instruction and tutoring assistance.

## CAREER OPPORTUNITIES

Those who study astronomy are uniquely prepared for many careers in the physical sciences and beyond, including a wide range of positions related to engineering, mathematics, computer science and environmental science.

Students who concentrate on astronomy often become employed as faculty or researchers at universities, observatories, government labs or in the private sector at planetariums and museums. Professional astronomers are motivated by curiosity and the passion to not only understand some of the grandest and most beautiful phenomena in the universe, but also a desire to share these wonders with others.

### Other career fields include:

- Data science and/or consulting
- Engineering
- Research and development
- Meteorology
- Science communication or policy-making
- Aeronautics
- Education

### FAQs

#### Class Times/Delivery Format

Classes are offered in a variety of formats, including in-person, online and hybrid.

#### Length of Program

Full-time students can complete the AA-DTA in two years.

#### Which Quarter Can I Begin?

You can begin any quarter!

## APPLY FOR FINANCIAL AID OR OTHER FUNDING

### Please complete:

**The FAFSA application:** The Free Application for Federal Student Aid (FAFSA) provides financial aid for U.S. citizens and eligible non-citizens, such as permanent residents. Visit the [FAFSA website](#) to create your FSA ID and to complete your application.

OR

**The WASFA application:** The Washington Application for State Financial Aid (WASFA) is for DACA or HB 1079 undocumented students. Visit the [Washington Student Achievement Council website](#) to complete your WASFA application.

**Did you know???** You can apply for CBC scholarships two times every year! Click [here](#) for more information!

**PLEASE NOTE:** This document represents a sample plan for degree completion with this program of study. Actual course selection and sequence may vary and should be discussed individually with your Completion Coach. Completion Coaches can also help you plan other experiences to enrich your education such as internships, research, learning communities, and campus involvement and community-based learning.

Office Hours: Monday to Thursday 7 am to 4:30 pm; Friday 7 am to noon

LEARN MORE |



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