

Bachelor of Applied Science in Agricultural Systems Pathway to Walla Walla Community College

Degree Options: Students pursuing an Associate of Applied Science in Agriculture Production at Columbia Basin College can transfer into the Bachelor of Applied Science in Agricultural Systems Degree at Walla Walla Community College



The Program: The future of regenerative agriculture and food systems depends on you. Study agribusiness, agroecology, animal science, policy, plants, technology, soil and sustainability. Students in the Agricultural Systems degree at Walla Walla Community College will:

- Develop critical thinking skills
- Analyze the interactions between the natural, human, climatic, political and economic components of the agroecosystem
- Adjust or identify pathways to minimize the many potential negative effects on environmental, societal and human health
- Contribute to the agricultural industry through hands-on exposure to diverse experiences and perspectives grounded in applied science and reality

Career Opportunities: Careers in agriculture are vast and provide many opportunities in a wide range of fields. Come to WWCC for the training you'll need for a rewarding career as a/an: Agronomist, Extension Agent, Farmer, Livestock Manager, Loan Officer, Natural Resource Specialist, Precision Agriculture Technician, Vineyard Manager, Agriculture Educator, Production Manager, Greenhouse Manager, Irrigation Specialist



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I now have the confidence to make a cohesive plan with farmers, so they can take care of their land and be profitable.

Sydney Taylor
BAS in Agricultural Systems

For More Information: [Cristie Crawford](mailto:cristie.crawford@wwcc.edu) | 509.223.2046 | cristie.crawford@wwcc.edu

Pay Less & Earn More

Did you know?



Graduates of baccalaureate programs at community colleges in Washington State had higher earnings than graduates of regional public four-year universities who earned degrees in the same fields.¹



BAS degrees are an economical option to achieve a baccalaureate-level degree. In-state students can complete all 4 years for less than \$25,000.



Attend part-time or full-time at the Walla Walla campus or online.



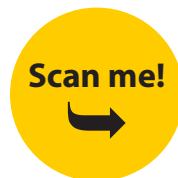
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I felt like I could grow further in my education and I have learned so much more than I ever anticipated.

”

Tate Gabriel

BAS in Agricultural Systems



¹ University of Washington, Community College Research Initiatives, New Baccalaureate Series - Data Note 8 - <https://www.washington.edu/ccri/newba-dn8/>

Learn more  wwcc.edu/bas



Bachelor of Applied Science in Agricultural Systems Pathway



Columbia Basin College Associate of Applied Science in Agriculture Production →

Walla Walla Community College Bachelor of Applied Science in Agricultural Systems

Required coursework for Columbia Basin College Associate of Applied Science in Agricultural Production Degree that transfers into the Bachelor of Applied Science in Agricultural Systems at Walla Walla Community College. The actual order and specific coursework may vary depending on student placement, start date, and quarter. Please check with your advisor prior to any substitutions.

| Fall Quarter Year 1 | | | Fall Quarter Year 2 | | |
|---------------------------|---|-----------------------|-----------------------|---|---------------------------------|
| Course # | Course Name | Credits | Course # | Course Name | Credits |
| MATH& 107 or MATH& 146 | Math in Society or Introduction to Stats | 5 | AFS 101 | Introduction to Agricultural Systems | 5 |
| AG 101 | Crop Production I -Field Crops | 5 | CS 101 | Intro to Computers & Information Technology | 5 |
| AG 221 | Introduction to Precision Agriculture | 5 | AG 250 | GPS and GIS Applications | 4 |
| AG 107 | Agriculture Safety | 3 | HORT 203 | Crop Growth Development w/Lab | 5 |
| | | Total Credits | | | Total Credits |
| | | 15 | | | 19 |
| Winter Quarter Year 1 | | | Winter Quarter Year 2 | | |
| CHEM& 110 | Chemical Concepts w/Lab | 5 | HORT 242 | Hydroponic Technology | 4 |
| AG 117 | Agriculture Machinery and Mechanics | 4 | HORT 202 | Cultivated Plants w/Lab | 5 |
| AG 222 | Advanced Precision Agriculture | 4 | AG 289 | Agriculture Business Concepts | 5 |
| AG 181 | Irrigation Principles and Management | 4 | | | |
| | | Total Credits | | | Total Credits |
| | | 17 | | | 14 |
| Spring Quarter Year 1 | | | Spring Quarter Year 2 | | |
| AG 205 | Crop Pests and Diseases | 4 | HORT 235 | Greenhouse Production and Management | 3 |
| AG 140 | Weed Science | 4 | CMST& 220 | Public Speaking | 5 |
| AG 232 | Crop Production II Fruit and Vegetable Production | 4 | ENGL& 101 | English Composition I | 5 |
| BIOL 201 | Soils w/Lab | 5 | AG 297 | Agriculture Internship | 3 |
| | | Total Credits | | | Total Credits |
| | | 17 | | | 16 |
| | | Year One Total | | | Year Two Total |
| | | 49 | | | 49 |
| | | | | | Total CBC Degree Credits |
| | | | | | 98 |

Walla Walla Community College does not discriminate on the basis of race, color, national origin, sex, gender, disability, age, or any other legally protected status in its programs or activities. The following person(s) have been designated to handle inquiries regarding the non-discrimination policies. Sherry Hartford, Title IX Coordinator, Building D, Office 64 at 509.527.4382 or sherry.hartford@wwcc.edu or at (509) 527-4262. Walla Walla Community Colleges posts an Annual Security Report online. A paper copy of the report may also be obtained, free of charge, by visiting the Campus Security and Environmental Health and Safety office during normal business hours. The report contains policies and procedures related to campus safety and security, three years of crime statistics and other additional safety information.



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| Fall Quarter Year 3 | | | Fall Quarter Year 4 | | |
|------------------------|--|---------------------------|----------------------------------|----------------------------------|------------------------|
| Course # | Course Name | Credits | Course # | Course Name | Credits |
| AGSC 130 | Fundamental Agroecology | 5 | GEOG 212 | Intro to Climate w/Lab | 5 |
| AGSY 310 | Principles of Sustainability | 5 | AGSY 330 | Soil Ecology & Biochemistry | 5 |
| BUS 310 ² | Foundations of Leadership | 5 | AGSY 450 | Advanced Cropping Systems II | 5 |
| | | Total Credits | | | Total Credits |
| | | 15 | | | 17 |
| Winter Quarter Year 3 | | | Winter Quarter Year 4 | | |
| AGSC 202 ³ | Soils Fertility and Management | 5 | AGBS 221 | Intro to Food Markets/Ag Markets | 5 |
| AGSY 420 | The Political Ecology of Agriculture and Natural Resources | 5 | PHIL 330 ¹ | Professional Ethics | 5 |
| AGSY 440 | Advanced Cropping Systems I | 5 | AGSY 470 | Food Systems Science | 5 |
| | | Total Credits | | | Total Credits |
| | | 15 | | | 17 |
| Spring Quarter Year 3 | | | Spring Quarter Year 4 | | |
| ANSC 224 | Pasture and Range Management | 5 | ECON& 201 ¹ | Microeconomics | 5 |
| ENGL& 235 ¹ | Technical Writing | 5 | AGSY 360 | Agricultural Systems Management | 5 |
| IRR 220 | Drip Irrigation | 2 | BUS 430 | International Business | 5 |
| AGSY 340 | Integrated Pest Management | 5 | AGSY 495 | Agricultural Systems Capstone | 1 |
| AGSY 494 | Capstone Project Design | 2 | | | Total Credits |
| | | Total Credits | | | 16 |
| | | 19 | | | Year Four Total |
| | | | | | 50 |
| Summer Quarter Year 3 | | | Total WWCC Degree Credits | | |
| PHIL 131 ¹ | Intro to Ethics | 5 | 109 | | |
| SOC& 101 ¹ | Intro to Sociology | 5 | | | |
| | | Total Credits Year | | | |
| | | 10 | | | |
| | | Three Total | | | |
| | | 59 | | | |

Footnotes:

- ¹ ENGL& 235, PHIL 150, PHIL 305, ECON& 201, and SOC& 101 are not listed in Agriculture Production AAS but these courses can be taken at CBC.
- ² BUS 300 Foundations of Management can be taken in place of BUS 310 Foundations of Leadership Winter Quarter
- ³ AGSY 202 is available online Spring Quarter

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