

BACHELOR OF APPLIED SCIENCE

Agricultural Sciences

Program Description

The Bachelor of Applied Science in Agricultural Sciences (BASAG) degree is designed for those who aspire to increase their agricultural knowledge base after completing an associate's degree. Students in the program will develop broad skills in finance, strategic operations, harvest technology, soil health, plant physiology, pest management, and more. Upon graduation from the program a student will be prepared to enter careers such as first line supervisors in farming operations, and production and/or post-harvest agricultural managers. The potential compensation for a manager with a bachelor degree ranges from \$38.73 hourly, \$68,090 or more depending on other factors, such as experience. For more information on career exploration and compensation visit www.onetonline.org.



Tuition and Fees

Students in a Bachelor of Applied Science program pay upper division tuition fees. Tuition is set by the State Board for Community and Technical Colleges. *Rates are subject to change.* Please visit www.yvcc.edu/financial-aid/tuition-fees/ for more information.

Program at a Glance

- Experienced agricultural science faculty
- Hybrid courses (in person and online combination)
- Evening classes two times per week
- Located on the Yakima and Grandview campus
- Full time student can complete the program in two years
- Cohort model – students progress through the program as a group
- Hands-on learning
- Designed for working adults with experience in the field of agriculture
- Broad skills development in agriculture industry for leadership roles

Minimum Eligibility Requirements

- Complete an associate's degree from a regionally accredited college or university.
 - If you have completed 90 or more college level credits without a degree please contact the BASAG Coordinator to determine eligibility.
- Minimum cumulative college-level GPA of 2.0
- Must be eligible to register for MATH& 146
- Complete the following courses with a C (2.0) or better:
 - ENGL& 101
 - Communications (5 credits)
 - Social Science (5 credits)
 - Humanities (5 credits)
 - AGSCI 101/BIOL 107
 - CHEM& 100
 - AGEEN 201 or ECON 201
 - AGEEN 210 or ACCT& 201
 - AGSCI 201

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Application Timeline

The BASAG program is a selective admissions program. Applications are accepted on an annual basis each spring (March – May) for a fall quarter start. For more information about the application process visit www.yvcc.edu/bachelors.

- Applicants are ranked according to a rubric based on required admission criteria
- Industry experience in an agricultural related field will be evaluated based on years of experience

Graduation Requirements

To earn a Bachelor of Applied Science degree in Agricultural Sciences, students must complete a total of 180 credits. A cumulative GPA of 2.0 or better is required. Other requirements apply. See catalog for more information www.yvcc.edu/bachelors. The following categories and distribution areas are required:

- 60 credits in general education
- 60 credits lower division courses
- 60 credits upper division courses

**Schedule, Program and admission requirements are subject to change.*

Program Contact

Vanessa Larios, BASAG Coordinator

Email: basag@yvcc.edu

Phone: 509-834-4522

Office location: Deccio 267

Tentative Program Schedule*		
Fall Year 1	Course Name	Credit
AGSCI 213	Integrated Pest Management	5
AGSCI 322	Harvest Technologies	5
AGECN 310	Agriculture Business Management	5
Winter Year 1		
AGSCI 370	Food Safety and Quality	5
SOSCI 320	Organizational Behavior and Leadership	5
CHEM& 121	Intro to Chemistry w/Lab	5
Spring Year 1		
AGSCI 301	Sustaining Soil Health	5
AGSCI 413	Applied Integrated Pest Management I	4
MATH& 146	Statistics	5
Summer Year 2		
AGSCI 414	Applied Integrated Pest Management II	2
AGSCI 490	Applied Work Experience	4
Fall Year 2		
AGSCI 430	Precision Agriculture	5
BASM 375	Applied Principles of Leadership	5
CMST 330	Organizational Communication	5
Winter Year 2		
NS/HUM/SS	Elective	5
AGECN 410	Financial Agribusiness Management	5
BASM 435	Operations Management	5
Spring Year 2		
AGSCI 460	Physiology of Fruit Development	5
AGSCI 499	Agriculture Capstone	5
NS/HUM/SS	Elective	5

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