

BACHELOR OF SCIENCE WITH MAJOR IN HERBAL SCIENCES

2018–2019

View complete course descriptions at Bastyr.edu/Catalog

Prerequisites

- Entering undergraduates must have at least a 2.5 cumulative GPA with a grade of C or better in all basic proficiency and science requirement courses.
- Prior to enrolling, students must have completed 90 quarter credits (60 semester credits), including a minimum number of credits in the basic proficiency/science requirements and general education categories.

Note: Students may apply to the program while completing prerequisite coursework.

Basic Proficiency and Science Requirements

Course	Credits
English Literature or Composition.....	9
General Psychology.....	3
College Algebra or Precalculus.....	4
General Chemistry I & II (science-major level with lab).....	8
General Cell Biology (science-major level with lab).....	4
Botany.....	3
Speech Communication or Public Speaking ¹	3

¹Students that complete a WA state college Direct Transfer Associates Degree (DTA) are not required to complete this course.

General Education Requirements

Course	Credits
Arts and Humanities.....	15
Social Sciences.....	15
Natural Science and Mathematics.....	8
Electives ¹	18

¹The number of elective credits may vary depending upon the exact number of quarter credits earned in the other prerequisite categories.

Junior Year (Year I)

Cat. No.	Course Title	FALL QUARTER	Credits
BC3123	Organic Chemistry for Life Sciences Lecture/Lab.....		6
BC3161	Anatomy and Physiology 1 Lecture/Lab.....		3
B03107	Botany 1.....		2
B03108	Introduction to Herbal Sciences.....		3
B03109	Plant Identification and Horticulture 1.....		1
			Total 15

Cat. No.	Course Title	WINTER QUARTER	Credits
BC3162	Anatomy and Physiology 2 Lecture/Lab.....		3
BC4117	Biochemistry for Life Sciences 1 Lecture/Lab.....		5
B03115	Herbal Medicine History and Traditions.....		2
B03116	Botany 2.....		2
B03119	Plant Identification and Horticulture 2.....		1
B04102	Research Methods for Herbal Science.....		2
			Total 15

Cat. No.	Course Title	SPRING QUARTER	Credits
BC3163	Anatomy and Physiology 3 Lecture/Lab.....		4
BC4140	Biochemistry for Life Sciences 2.....		4
B03114	Herbal Preparations.....		3
B03125	Ethnobotany and Northwest Herbs.....		3
B03126	Plant Identification and Horticulture 3.....		1
			Total 15

Senior Year (Year II)

Cat. No.	Course Title	FALL QUARTER	Credits
BC4114	Disease Processes.....		4
B04111	First Aid for Herbalists.....		2
B04119	Pharmacognosy for Herbal Sciences.....		2
B04122	Test Methods for Botanical Authentication.....		2
B04145	Materia Medica 1 for Herbal Sciences.....		4
B04148	Plant Identification and Horticulture 4.....		1
			Total 15

Cat. No.	Course Title	WINTER QUARTER	Credits
B04100	Herbs and Food.....		3
B04113	Pharmacology and Herb/Drug Interaction.....		3
B04121	QAQC Quality Assurance/Quality Control.....		3
B04146	Materia Medica 2 for Herbal Sciences.....		4
B04149	Plant Identification and Horticulture 5.....		1
			Total 14

Cat. No.	Course Title	SPRING QUARTER	Credits
B04147	Materia Medica 3 for Herbal Sciences.....		4
B04150	Herbal Science Research Applications.....		1
B04151	Plant Identification and Horticulture 6.....		1
B04152	Business and Law for Herbal Sciences.....		1
B04802	Herbal Sciences Practicum.....		2
			Total 9

Total Requirements

Total Core Course Credits and Hours.....	83
Total Elective Credits and Hours.....	7
Total Requirements.....	90

†Four elective credits must be in Botanical Medicine field classes.

Current botanical medicine department electives:

- Appalachia Field Course*
- Autumn Wildcrafting
- Botanical Studies in Costa Rica*
- Cascade Herb Experience
- Clinical Formulations and Applications of Botanical Medicine
- Clinical Formulations and Applications of Botanical Medicine 2
- Flower Essences
- Food and Medicinal Mushrooms
- Foundations of Aromatic Medicine
- Herbal Medicine in Italy*
- Herbal Medicine throughout Oregon
- Herbs and Ayurvedic Medicine
- Introduction to Gemmotherapy
- Medicinal and Edible Seaweed Experience
- New England Botanical Intensive*
- Plant Identification and Medicinal Field Botany
- Plants in Ceremony
- Organic Gardening
- Spring Wildcrafting
- Southwest Herbal Experience*
- Winter Wildcrafting

Certificate of Holistic Landscape Design (CHLD) courses that can be taken as electives for other programs: Biointensive IPM and Plant Management, Horticultural Business Practices, Horticultural Research & Grant Writing, Mycology, Organic Greenhouse & Nursery Management, Organic Seed Production, and Soil Ecology.

*These field courses generally run every other year.