

**BACHELOR OF SCIENCE WITH MAJOR IN HERBAL SCIENCES**

2017 – 2018

View complete course descriptions at: [Bastyr.edu/Catalog](http://Bastyr.edu/Catalog)

**Prerequisites**

- Entering undergraduates must have at least a 2.75 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 <sup>1</sup> .....	3

<sup>1</sup>Students 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 <sup>1</sup> .....	18

<sup>1</sup>The 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
BO3107	Botany 1.....		2
BO3108	Introduction to Herbal Sciences.....		3
BO3109	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
BO3115	Herbal Medicine History and Traditions.....		2
BO3116	Botany 2.....		2
BO3119	Plant Identification and Horticulture 2.....		1
BO4102	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
BO3114	Herbal Preparations.....		3
BO3125	Ethnobotany and Northwest Herbs.....		3
BO3126	Plant Identification and Horticulture 3.....		1
			Total 15

**Senior Year (Year II)**

Cat. No.	Course Title	FALL QUARTER	Credits
BC4114	Disease Processes.....		4
BO4111	First Aid for Herbalists.....		2
BO4119	Pharmacognosy for Herbal Sciences.....		2
BO4122	Test Methods for Botanical Authentication.....		2
BO4145	Materia Medica 1 for Herbal Sciences.....		4
BO4148	Plant Identification and Horticulture 4.....		1
			Total 15

Cat. No.	Course Title	WINTER QUARTER	Credits
BO4100	Herbs and Food.....		3
BO4113	Pharmacology and Herb/Drug Interaction.....		3
BO4121	QAQC Quality Assurance/Quality Control.....		3
BO4146	Materia Medica 2 for Herbal Sciences.....		4
BO4149	Plant Identification and Horticulture 5.....		1
			Total 14

Cat. No.	Course Title	SPRING QUARTER	Credits
BO4147	Materia Medica 3 for Herbal Sciences.....		4
BO4150	Herbal Science Research Applications.....		1
BO4151	Plant Identification and Horticulture 6.....		1
BO4152	Business and Law for Herbal Sciences.....		1
BO4802	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.

Curriculum and course changes in the 2017-2018 Bastyr University Catalog are applicable to students entering during the 2017-2018 academic year. Please refer to the appropriate catalog if interested in curriculum and courses required for any other entering year.

Current botanical medicine department electives: Appalachia Field Course\*, Asian Medicinal Plant Horticulture, Botanical Studies in Costa Rica\*, Cascade Herb Experience, Clinical Formulations and Applications of Botanical Medicine, Clinical Pharmacognosy, Flower Essences, Food and Medicinal Mushrooms, Foundations of Aromatic Medicine, Herbal Medicine in Italy\*, Herbal Medicine throughout Oregon, Herbal Medicine Making for All\*\*, Herbs and Ayurvedic Medicine, Introduction to Gemmotherapy, Plant Identification and Medicinal Field Botany, Organic Gardening (not for CHLD), Southwest Herbal Experience\*, Autumn Wildcrafting and Spring 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, Intro to Biodynamic Agriculture, Mycology, Organic Greenhouse & Nursery Management, Organic Seed Production, and Soil Ecology.

\*These field courses run every-other year.

\*\*Not available as an elective for Herbal Sciences (HS) or CHLD students due to content being covered in core program courses.