

CERTIFICATE IN HOLISTIC LANDSCAPE DESIGN (CHLD)

Mission: The Certificate in Holistic Landscape Design program allows students to build upon their knowledge of medicinal and edible plants and apply this knowledge to building sustainable landscape solutions that benefit the earth and the human community.

With the exception of the first summer quarter classes of Introduction to Botany, Herbal Medicine Making for All and Organic Gardening, the courses in this certificate program are offered on evenings and weekends. The program instructs students on permaculture concepts and cultivation of medicinal and edible plants. Students who complete the program will be able to develop sustainable landscapes that benefit the environment and provide utilitarian resources for the community as a whole.

PREREQUISITES

Applicants must have a minimum 2.75 cumulative GPA. Prior to enrolling, students must have completed 90 quarter credits (60 semester credits) of college-level coursework.

In order to be prepared for the concepts covered in the holistic landscape design program, coursework in the following areas is strongly recommended:

- Chemistry – survey-level to cover general inorganic and organic concepts, no labs required
- Biology – basic biological concepts desired, covering cell and plant biology, no labs required
- Public Speaking coursework or experience
- General Education material to round out the 90 college credits, including some Humanities, English, Natural Sciences and Social Sciences

EXPECTED LEARNING OUTCOMES

Following are the learning objectives for students in the holistic landscape design program:

- Ability to create a landscape design that enhances the natural landscape and reflects the health of all of the beings that utilize it, as well as the health of the planet
- Apply sustainable landscape measures creatively, designing for biodiversity, therapeutic utility and aesthetics
- Integrate permaculture techniques and principles for sustainably modifying land and implementing designs

- Understand importance and elements of soil science and how to utilize this knowledge in horticultural methods
- Enhance knowledge of practices that support seasonal and sustainable cultivation of food and medicinal plants
- Practice therapeutic plant propagation and cultivation from native and analogue climates for landscape design as well as nursery or market production

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YEAR I

Qtr.	Cat. No.	Course Title	Crdt.	Le.	L/C
Su	BO2101	Introduction to Botany	3	2	2
	BO3104	Organic Gardening	2	1	2
	BO 3106	Herbal Medicine Making for All	1	0	2
		Quarterly Totals	6	3	6
F	BO4123	Soil Ecology	1	1	0
	BO4127	Mycology	1	1	0
	BO4131	Permaculture 1	3	2	2
	BO4141	Medicinal & Edible Plants in the Landscape 1	1	0	2
		Quarterly Totals	6	4	4
W	BO4132	Permaculture 2	3	2	2
	BO4135	Organic Greenhouse & Nursery Mgmt	1	0	2
	BO4137	Horticultural Research & Grant Writing	1	1	0
	BO4142	Medicinal & Edible Plants in the Landscape 2	1	0	2
		Quarterly Totals	6	3	6
Sp	BO4124	Introduction to Biodynamic Agriculture	2	1	2
	BO4133	Permaculture 3	3	2	2
	BO4143	Medicinal & Edible Plants in the Landscape 3	1	0	2
		Quarterly Totals	6	3	6
Su	BO4134	Organic Seed Production	1	1	0
	BO4138	Biointensive IPM & Plant Health	2	2	0
	BO4139	Permaculture in a Global Context	1	1	0
	BO4144	Horticultural Business Practices	1	1	0
	BO4810	Holistic Landscape Design Practicum	1	0	4
		Quarterly Totals	6	5	4

Total Requirements: Certificate in Holistic Landscape Design (CHLD)

	Crdt.	Le.	L/C
Total Core Course Credits and Hours	30	18	26
Total Elective Credits and Hours	2	2	0
Total Requirements	32	20	26

Curriculum and course changes in the 2014-2015 Bastyr University Catalog are applicable to students entering during the 2014-2015 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: Cascade Herb Experience, Island Herb Experience, Herbal Medicine in Italy, Clinical Pharmacognosy, Flower Essences, Herbs and Ayurvedic Medicine, Herbal Medicine throughout Oregon, Plants in Ceremony, Clinical Formulations and Applications of Botanical Medicine, Herbal Medicine Making for