



**SUSTAINABLE LANDSCAPING AND GARDENING  
Program Information: Lisa Jolly, (360) 538-4077**



<http://www.ghc.edu/voc/land.pdf>

**GRAYS HARBOR COLLEGE**  
**SUSTAINABLE LANDSCAPING AND GARDENING**  
*Certificate of Achievement*

The Sustainable Landscaping and Gardening program includes an Introduction to Sustainable Landscaping and Gardening, a Regional Plant Identification, and a Sustainable Gardening course. Upon successful completion of these courses, students will be able to:

- Design a sustainable garden that will be in balance with the local climate/environment
- Prepare an area to be landscaped by removing sod, preparing the soil, laying out the design, adding pathways
- Design and implement an irrigation and watering system
- Properly prepare soil prior to planting to ensure the soil provides necessary nutrients for specific plants being placed in that garden
- Identify regional plants, their growth rates, health concerns, hardiness, nutritional and care needs
- Apply plant knowledge to the selection of plants to be used in a garden design, to ensure a healthy, complimentary combination of plants
- Identify weeds, and be able to tell the difference between young plants and weeds in the garden
- Properly transplant plants so as to avoid compromising the health of the plant
- Apply techniques to successfully propagate regional plants
- Identify plant diseases and effectively treat them
- Identify common regional insects by the insect and/or by the damage evident on the plant, and effectively eliminate the insect/treat the plant
- Establish and maintain a healthy lawn, including appropriate use of fertilizers and pesticides
- Identify common houseplants and apply techniques required to maintain healthy indoor plants

Skills obtained through these courses will prepare students for employment as Landscape Gardeners, Grounds Maintenance Workers, Nursery and Greenhouse Workers, or Lawn Care Specialists.

**Other Program/Class Information**

*Program is currently only available winter quarter.*

*Classes are held Wednesday and Thursday from 9 – 12:30*

*Monday and Tuesday from 9 – 3:30*

*There is no class on Friday.*

*Classes are held at the Raymond Education Center.*



## SUSTAINABLE LANDSCAPING AND GARDENING Certificate of Achievement

<u>Core Courses</u>		<u>Credits</u>
LM 101	Introduction to Sustainable Landscaping and Gardening	9
LM 102	Regional Plant Identification for Gardeners	8
LM 103	Sustainable Gardening Project	2
	<b>Credits Required</b>	<b>19</b>

### COURSE DESCRIPTIONS

**LM 101 Introduction to Sustainable Landscaping and Gardening 9 Credits**  
This course includes concepts and techniques for designing and maintaining sustainable landscapes and gardens. It includes instruction in basic landscape design, understanding and application of pesticides and fertilizers, plant propagation, landscape maintenance, pruning, composting, vegetable and fruit gardening, lawn maintenance, plant diseases, problems and care, and selection of appropriate plants for regional landscape and garden projects. 9 lecture hours.

**LM 102 Regional Plant Identification for Gardeners 8 Credits**  
This course includes an overview of plant families and methods of plant identification, as needed for designing, establishing and maintaining a sustainable regional garden. It includes instruction in plant classifications and keys, identification of regional bulbs and tuberous roots, ornamental and woody plants, weeds, and houseplants. It also includes instruction in maintaining healthy plants, successful plant propagation and transplanting techniques. 7 lecture hours, 1 lab hour.

**LM 103 Sustainable Gardening Project 2 Credits**  
This course will provide students with the opportunity to demonstrate effective employability skills by designing and creating a sustainable garden project. 2 lab hours.



Grays Harbor College complies with all Federal and State rules and regulations and does not discriminate on the basis of race, color, creed, religion, national origin, sex, sexual orientation, age, marital status, disability, or status as a disabled or Vietnam era veteran.