

THERAPEUTIC HORTICULTURE OPTION

This option is offered within the following major(s):

- Horticulture - College of Agricultural Sciences (<http://catalog.oregonstate.edu/college-departments/agricultural-sciences/horticulture/horticulture-bs-hbs/>)

As a Therapeutic Horticulture student, you will acquire the skills and knowledge needed to design healing and adapted gardens and to provide therapy programs that improve the quality of people's lives. Our curriculum stresses effectively treating such clients as senior citizens struggling with physical or cognitive issues, individuals with developmental disabilities, and at-risk youth with the restorative powers of gardens, landscapes, and greenspaces.

As a horticultural therapist, you'll help treat patients with significant health or emotional problems through the healing influence of nature. Horticultural therapy is practiced throughout the world in a wide diversity of settings and cultures, including mental health settings, physical rehabilitation, vocation services, corrections, long-term care and hospice, special education programs, and youth and community services. Memory can be improved through learning a gardening process, coordination can be strengthened by planting, and connections can be made between the earth and those with emotional and mental disabilities.

Graduates of the Therapeutic Horticultural option may become Registered Horticultural Therapists, Community Garden Coordinators, and Rehabilitation Program Coordinators.

Active Learning

As a Therapeutic Horticulture student, you'll attend some of your classes at Legacy Healthcare System in Portland in their award-winning therapy gardens. By working closely with patients in their renowned Horticultural Therapy program, you will enhance your patient care skills while gaining real world experience.

For more information, visit the Horticulture website (<https://horticulture.oregonstate.edu/horticulture/students/undergraduate-students/>).

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- Confirm coursework requirements for Professional Registration by the American Horticultural Therapy Association (<http://ahta.org/professional-registration/>) (AHTA).
- All course work must have a passing grade of C- or above or a pass for a pass/fail course.
- A 480-hour AHTA approved and supervised internship is also required for Professional Registration by the AHTA.

Code	Title	Credits
Plant Materials		
Select two of the following: 2-4		
HORT 226	LANDSCAPE PLANT MATERIALS I: DECIDUOUS HARDWOODS AND CONIFERS	
HORT 228	LANDSCAPE PLANT MATERIALS II: SPRING FLOWERING TREES AND SHRUBS	
HORT 251	TEMPERATE TREE FRUIT, BERRIES, GRAPES, AND NUTS	
HORT 255	HERBACEOUS ORNAMENTAL PLANT MATERIALS	

HORT 433/CROP 433	SYSTEMATICS AND ADAPTATION OF VEGETABLE CROPS	
Ecology		
HORT 318	*APPLIED ECOLOGY OF MANAGED ECOSYSTEMS	3
Technology		
HORT 380	SUSTAINABLE LANDSCAPE DESIGN	3
Horticultural Communication		
HORT 318	*APPLIED ECOLOGY OF MANAGED ECOSYSTEMS	3
HORT 407	SEMINAR	1
HORT 411	HORTICULTURE BOOK CLUB	1
Capstone		
HORT 481	HORTICULTURE PRODUCTION CASE STUDIES	4
Horticultural Science and Technology		
Select two of the following:		6-8
ENT 322	HONEY BEE BIOLOGY AND BEEKEEPING	
HORT 260	ORGANIC FARMING AND GARDENING	
HORT 285	PERMACULTURE DESIGN AND THEORY: CERTIFICATE COURSE	
HORT 314	PRINCIPLES OF TURFGRASS MAINTENANCE	
HORT 315	SUSTAINABLE LANDSCAPES: MAINTENANCE, CONSERVATION, RESTORE	
HORT 350/FES 350	URBAN FORESTRY	
HORT 351	FLORICULTURE AND GREENHOUSE SYSTEMS	
HORT 358	LANDSCAPE CONSTRUCTION TECHNIQUES	
HORT 360	IRRIGATION AND DRAINAGE	
HORT 361	PLANT NURSERY SYSTEMS	
HORT 485	ADVANCED PERMACULTURE DESIGN TOOLS FOR CLIMATE RESILIENCE	
Horticultural and Social Sciences		
HORT 270	INTRODUCTION TO THERAPEUTIC HORTICULTURE	2
HORT 271	TECHNIQUES AND ADAPTIVE STRATEGIES IN THERAPEUTIC HORTICULTURE	2
HORT 272	BASIC THERAPEUTIC SKILLS I	2
HORT 273	BASIC THERAPEUTIC SKILLS II	2
HORT 274	THERAPEUTIC HORTICULTURAL PROGRAMS FOR OLDER ADULTS/CHILDREN	2
HORT 275	THERAPEUTIC GARDEN DESIGN, MAINTENANCE AND PROGRAMMING	2
PSY 201	*GENERAL PSYCHOLOGY	4
PSY 202	*GENERAL PSYCHOLOGY	4
SOC 204	*INTRODUCTION TO SOCIOLOGY	3
PSY 350	HUMAN LIFESPAN DEVELOPMENT	4
PSY 381	ABNORMAL PSYCHOLOGY	4
Select two additional courses from the following:		7-8
HDFS 311	INFANT AND CHILD DEVELOPMENT	
HDFS 313	ADOLESCENT DEVELOPMENT	
HDFS 314	ADULT DEVELOPMENT AND AGING	
PSY 330	BRAIN AND BEHAVIOR	
PSY 432	PHYSIOLOGICAL PSYCHOLOGY	
PSY 433	PSYCHOPHARMACOLOGY	
PSY 485	BEHAVIOR MODIFICATION	
PSY 498	HEALTH PSYCHOLOGY	
SOC 350	HEALTH, ILLNESS AND SOCIETY	
SOC 432	SOCIOLOGY OF AGING	
SOC 439	WELFARE AND SOCIAL SERVICES	
SOC 440	JUVENILE DELINQUENCY	
SOC 442	SOCIOLOGY OF DRUG USE AND ABUSE	
Ecology and Sustainability Ecosystems Courses		
Meets Synthesis requirements. Each course must be from a different department.		
<i>Contemporary Global Issues</i>		
Select one of the following:		3-4
AEC 351	*NATURAL RESOURCE ECONOMICS AND POLICY	
AEC 352/ECON 352	*ENVIRONMENTAL ECONOMICS AND POLICY	

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BI 301	*HUMAN IMPACTS ON ECOSYSTEMS
CROP 330	*WORLD FOOD CROPS
FES 365	*ISSUES IN NATURAL RESOURCES CONSERVATION
FW 325	*GLOBAL CRISES IN RESOURCE ECOLOGY
GEOG 300	*SUSTAINABILITY FOR THE COMMON GOOD
GEOG 330	*GEOGRAPHY OF INTERNATIONAL DEVELOPMENT AND GLOBALIZATION
HORT 331/ENT 331	*POLLINATORS IN PERIL
SUS 350	*SUSTAINABLE COMMUNITIES
WSE 470	*FORESTS, WOOD, AND CIVILIZATION
Z 349	*BIODIVERSITY: CAUSES, CONSEQUENCES, AND CONSERVATION

Science, Technology and Society

Select one of the following:	3-4
AGRI 411	*INTRODUCTION TO FOOD SYSTEMS: LOCAL TO GLOBAL
ANS 315	*CONTENTIOUS SOCIAL ISSUES IN ANIMAL AGRICULTURE
BI 348	*HUMAN ECOLOGY
BOT 324	*FUNGI IN SOCIETY
CH 374	*TECHNOLOGY, ENERGY, AND RISK
ENGR 350	*SUSTAINABLE ENGINEERING
ENGR 363	*ENERGY MATTERS
ENSC 479	**ENVIRONMENTAL CASE STUDIES
FES 435/TOX 435	*GENES AND CHEMICALS IN AGRICULTURE: VALUE AND RISK
FES 477/NR 477	*AGROFORESTRY
FES 485	*CONSENSUS AND NATURAL RESOURCES
FST 421	*FOOD LAW
FW 470	*ECOLOGY AND HISTORY: LANDSCAPES OF THE COLUMBIA BASIN
GEOG 300	*SUSTAINABILITY FOR THE COMMON GOOD
GEOG 340	*INTRODUCTION TO WATER SCIENCE AND POLICY
HEST 310	*INTRO TO COMMUNITY ENGAGEMENT AND COMMUNITY-BASED DESIGN
HORT 330/ENT 300	*PLAGUES, PESTS, AND POLITICS
HST 481	*ENVIRONMENTAL HISTORY OF THE UNITED STATES
HSTS 421	*TECHNOLOGY AND CHANGE
NUTR 312	*ISSUES IN NUTRITION AND HEALTH
PH 313	*ENERGY ALTERNATIVES
PHL 325	*SCIENTIFIC REASONING
PS 476	*SCIENCE AND POLITICS
SOIL 395	*WORLD SOIL RESOURCES
SUS 304	*SUSTAINABILITY ASSESSMENT
Total Credits	67-74

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Baccalaureate Core Course (BCC)

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Writing Intensive Course (WIC)

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