

Cover Sheet: Request 13862

Horticultural Therapy

Info

Process	Certificate New Ugrad/Pro
Status	Pending at PV - University Curriculum Committee (UCC)
Submitter	Elizabeth Diehl leahdiehl@ufl.edu
Created	4/17/2019 12:44:01 PM
Updated	9/20/2019 11:20:12 AM
Description of request	This is an undergraduate-level certificate in horticultural therapy offered via distance learning technology. The goal is to provide students a background in people/plant relationships and train them to develop activities, treatment plans, and programs using plants to achieve therapeutic outcomes. The curriculum will align with the certification requirements of the American Horticultural Therapy Association for professional recognition as Horticultural Therapist-Registered (HTR).

Actions

Step	Status	Group	User	Comment	Updated
Department	Approved	CALS - Environmental Horticulture 514918000	Dean Kopsell		4/17/2019
HT Certificate Request Form 4.17.19.pdf					4/17/2019
College	Approved	CALS - College of Agricultural and Life Sciences	Joel H Brendemuhl	Approved by CALS CC on 8/23/19. All pending courses have all been approved (PLS 3080, PLS 4081 AND PLS 4082).	9/11/2019
No document changes					
Office of Institutional Planning and Research	Approved	PV - Office of Institutional Planning and Research	Cathy Lebo		9/19/2019
No document changes					
Associate Provost for Undergraduate Affairs	Approved	PV - APUG Review	Casey Griffith		9/20/2019
No document changes					
University Curriculum Committee	Pending	PV - University Curriculum Committee (UCC)			9/20/2019
No document changes					
Office of the Registrar					
No document changes					
OIPR Notified					
No document changes					
Student Academic Support System					
No document changes					
Catalog					
No document changes					

Step	Status	Group	User	Comment	Updated
Academic Assessment Committee Notified					
No document changes					
College Notified					
No document changes					

Certificate|New for request 13862

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Request: Horticultural Therapy

Description of request: This is an undergraduate-level certificate in horticultural therapy offered via distance learning technology. The goal is to provide students a background in people/plant relationships and train them to develop activities, treatment plans, and programs using plants to achieve therapeutic outcomes. The curriculum will align with the certification requirements of the American Horticultural Therapy Association for professional recognition as Horticultural Therapist-Registered (HTR).

Submitter: Joel H Brendemuhl brendj@ufl.edu

Created: 9/11/2019 2:46:54 PM

Form version: 2

Responses

Certificate Name Horticultural Therapy

Transcript Title Undergraduate Certificate in Horticultural Therapy

Credits 12

Level Baccalaureate

CIP Code 01.1101

Degree Program Plant Science

Effective Term Fall

Effective Year 2019

Certificate Description This certificate in horticultural therapy provides students a background in people/plant relationships and training in developing activities, treatment plans, and programs using plants to achieve therapeutic outcomes. The curriculum aligns with the certification requirements of the American Horticultural Therapy Association for professional recognition as Horticultural Therapist-Registered (HTR).

Requirements for Admission Sophomore standing or departmental permission. The certificate program accepts both UF students and non-degree seeking students.

Requirements for Completion PLS 3080 Introduction to Horticultural Therapy (3 credit hours; letter graded)

PLS 4081 Techniques in Horticultural Therapy (3 credit hours; letter graded)

PLS 4082 Program Management in Horticultural Therapy (3 credit hours; letter graded)

PLS 4941 Practical Work Experience (3 credit hours; S/U) OR PLS4905 – Independent Study of Plant Science (3 credit hours; letter graded)

Rationale and Place in Curriculum The University of Florida is uniquely poised to become the powerhouse of horticultural therapy (HT) education, practice, and research in the southeast, nationally, and beyond. A HT certificate program can be informed, strengthened, promoted, and enhanced by the unique presence of all the disciplines at UF that are required to conduct the multidisciplinary research approaches needed to reveal the full complement of health and wellbeing benefits accruing from HT, gardening, and other beneficial people-plant interactions. A HT certificate will attract students and postgraduate professionals to the field and to campus, thereby creating a dynamic and comprehensive environment that will include a rigorous instructional program, and providing HT services to client populations at Wilmot Botanical Gardens. A HT certificate program will undoubtedly foster new interdisciplinary research endeavors at the frontier of agriculture and plants, medical sciences, and human health.

The proposed certificate is highly compatible as an academic component option within the current Plant Science major. The three lecture courses would be completely novel and unique to the current course offerings in the major and for horticulture offerings in general statewide. The work experience course in this certificate already exists in the Plant Science major and the HT internship will match the work experience requirements for the Plant Science major.

It is expected that many students enrolling in the certificate courses and program will have a major in plant science, horticulture, or botany. Students interested in recreational therapy or health and human performance may also be attracted to this certificate program. It is very likely that individuals having earned bachelor's degrees in plant science, horticulture, botany and human health and health-care

related fields such as physical and/or occupational therapy may also have a strong interest in this certificate program. There is survey data that HT courses and a HT certificate at the University of Florida will also attract the interest of students and individuals that are from academic backgrounds outside of health-related fields and the plant sciences.

Presently there are no courses on horticultural therapy offered at any university in the state system. Therefore, the horticultural therapy courses and the proposed certificate program will be completely novel and not redundant with any other course or certificate content offerings in the state-wide higher education curriculum.

To be an accredited certificate program recognized by the American Horticultural Therapy Association (AHTA), the HT curriculum must be taught by a horticultural therapist having HTR or HTM professional registration from the AHTA. Presently, Elizabeth (Leah) Diehl, Director of Therapeutic Horticulture at Wilmot Botanical Gardens on campus and lecturer in Environmental Horticulture has the HTM professional recognition from the AHTA. Because currently she is the only registered HT at UF, she will teach all HT courses in the certificate program.

Student Learning Outcomes 1. Content: Identify and characterize the role of plants, gardens, and nature in therapeutic interventions (PLS 3080 HT Intro, PLS 4081 HT Techniques, PLS 4082 HT Programming, PLS4941 OR PLS4905). Assessment types: course-related quiz/exam; writing assignment.

2. Content: Identify strengths and deficits in populations served by horticultural therapy programs (PLS 3080 HT Intro, PLS 4081 HT Techniques, PLS4941 OR PLS4905). Assessment types: course-related quiz/exam; writing assignment; final project.

3. Critical Thinking: Evaluate and synthesize treatment tools and methods in horticultural therapy interventions (PLS 3080 HT Intro, PLS 4081 HT Techniques, PLS 4082 HT Programming, PLS4941 OR PLS4905). Assessment types: course-related quiz/exam; writing assignment; final project.

4. Critical Thinking: Plan and execute treatment sessions based on client assessment data and facility goals (PLS 3080 HT Intro, PLS 4081 HT Techniques, PLS 4082 HT Programming, PLS4941 OR PLS4905). Assessment types: course-related quiz/exam; writing assignment; final project.

5. Communication: Evaluate and report outcomes of sessions and program (PLS 4081 HT Techniques, PLS 4082 HT Programming, PLS4941 OR PLS4905). Assessment types: course-related quiz/exam; final project.

6. Communication: Propose and describe a comprehensive horticultural therapy program (PLS 4082 HT Programming). Assessment types: writing assignment; final project.

New Certificate Transmittal Form

Department Name: Environmental Horticulture

Contact: Elizabeth Diehl leahdiehl@ufl.edu

CIP Code:

Certificate Name: Horticultural Therapy

Effective Year and Term: Fall, 2019

Amount of Credits: 12

Certificate Description: This is an undergraduate-level certificate in horticultural therapy offered via distance learning technology. The goal is to provide students a background in people/plant relationships and train them to develop activities, treatment plans, and programs using plants to achieve therapeutic outcomes. The curriculum will align with the certification requirements of the American Horticultural Therapy Association for professional recognition as Horticultural Therapist-Registered (HTR).

Requirements (Courses, and Internships): Twelve credits (four courses at 3 credits each) that consist of the courses listed below. Students are required to take the first three courses and then may choose between the work experience course or the independent study course as their fourth course. Students must maintain a C or better in each course to earn the certificate.

PLS 3XXX Introduction to Horticultural Therapy (3 credit hours)

PLS 4XXX Techniques in Horticultural Therapy (3 credit hours)

PLS 4XXX Program Management in Horticultural Therapy (3 credit hours)

PLS 4941 Practical Work Experience (3 credit hours) **OR** PLS4905 – Independent Study of Plant Science (3 credit hours)

Prerequisites:

Sophomore standing or permission from the department is required to enroll. Individual course prerequisites (below) also must be met before a student can enroll in any course.

- PLS 4XXX Techniques in Horticultural Therapy (*prerequisite: Introduction to Horticultural Therapy*)
- PLS 4XXX Program Management in Horticultural Therapy (*prerequisites: Introduction to Horticultural Therapy and Techniques in Horticultural Therapy*)
- PLS4941 Practical Work Experience (*prerequisites: Introduction to Horticultural Therapy, Techniques in Horticultural Therapy, and Program Management in Horticultural Therapy or permission by the instructor*)

- PLS4905 Independent Study of Plant Science (*prerequisites: Introduction to Horticultural Therapy, Techniques in Horticultural Therapy, and Program Management in Horticultural Therapy or permission by the instructor*)

Certificate Level: Baccalaureate

Rationale and Place in Curriculum: The University of Florida is uniquely poised to become the powerhouse of horticultural therapy (HT) education, practice, and research in the southeast, nationally, and beyond. A HT certificate program can be informed, strengthened, promoted, and enhanced by the unique presence of all the disciplines at UF that are required to conduct the multidisciplinary research approaches needed to reveal the full complement of health and wellbeing benefits accruing from HT, gardening, and other beneficial people-plant interactions. A HT certificate will attract students and postgraduate professionals to the field and to campus, thereby creating a dynamic and comprehensive environment that will include a rigorous instructional program, and providing HT services to client populations at Wilmot Botanical Gardens. A HT certificate program will undoubtedly foster new interdisciplinary research endeavors at the frontier of agriculture and plants, medical sciences, and human health.

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Presently there are no courses on horticultural therapy offered at any university in the state system. Therefore, the horticultural therapy courses and the proposed certificate program will be completely novel and not redundant with any other course or certificate content offerings in the state-wide higher education curriculum.

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HTR or HTM professional registration from the AHTA. Presently, Elizabeth (Leah) Diehl, Director of Therapeutic Horticulture at Wilmot Botanical Gardens on campus and lecturer in Environmental Horticulture has the HTM professional recognition from the AHTA. Because currently she is the only registered HT at UF, she will teach all HT courses in the certificate program.

Academic Learning Compact: The Undergraduate Certificate in Horticultural Therapy is offered by the Department of Environmental Horticulture. Completion of the certificate will enable students to apply principles associated with the use of horticulture to increase human health and wellbeing. They will acquire knowledge about human dimensions of horticulture and its use as a vehicle for increased quality of life. Students will gain knowledge in treatment assessments, plans, and methods, as well as characteristics of special populations. They will acquire knowledge in the use of plants, gardens, and greenhouses in therapeutic programming as well as activity analysis and adaptation. Students will also learn about documentation, funding, and staff, volunteer, and program management. This program prepares students to work in horticultural therapy programs in diverse public and private settings.

Before receiving the certificate, students must:

- Create a comprehensive proposal for a horticultural therapy program
- Complete an internship OR independent study in horticultural therapy
- Achieve minimum grades of C in PLS 3XXX (Intro to HT), PLS 4XXX (Techniques in HT), PLS 4XXX (Program Management in HT), and PLS4941 (Practical Work Experience) or PLS4905 (Independent Study)

Student Learning Outcomes:

Content

1. Identify and characterize the role of plants, gardens, and nature in therapeutic interventions (PLS 3XXX HT Intro, PLS 4XXX HT Techniques, PLS 4XXX HT Programming, PLS4941 OR PLS4905)
2. Identify strengths and deficits in populations served by horticultural therapy programs (PLS 3XXX HT Intro, PLS 4XXX HT Techniques, PLS4941 OR PLS4905)

Critical Thinking

3. Evaluate and synthesize treatment tools and methods in horticultural therapy interventions (PLS 3XXX HT Intro, PLS 4XXX HT Techniques, PLS 4XXX HT Programming, PLS4941 OR PLS4905)
4. Plan and execute treatment sessions based on client assessment data and facility goals (PLS 3XXX HT Intro, PLS 4XXX HT Techniques, PLS 4XXX HT Programming, PLS4941 OR PLS4905)

Communication

5. Evaluate and report outcomes of sessions and program (PLS 4XXX HT Techniques, PLS 4XXX HT Programming, PLS4941 OR PLS4905)

6. Propose and describe a comprehensive horticultural therapy program (PLS 4XXX HT Programming)

Curriculum Map:

I = Introduced; R = Reinforced; A = Assessed

Courses	SLO 1	SLO 2	SLO 3	SLO 4	SLO 5	SLO6
PLS 3XXX Intro HT	I, R, A	I, R, A	I			
PLS 4XXX HT Techniques	R, A	I, R, A	I, R, A	I, R	I	
PLS 4XXX HT Prog Mgmt.	R	R, A		R, A	R, A	I, R, A
PLS 4941 Work Exp.	R	R	R	R	R	R
PLS 4905 Indp. Study	R	R	R	R	R	R

Assessment Types

- Standardized post-tests (used in PLS 3XXX Intro, PLS 4XXX Techniques, PLS 4XXX Program Management – 75% of students to earn a 75% or higher on the exam)
- Written assignments (used in PLS 3XXX Intro, PLS 4XXX Techniques, PLS 4XXX Program Management – 75% of students to earn a 75% or higher on the exam)
- Final projects - (used in PLS 3XXX Intro, PLS 4XXX Techniques, PLS 4XXX Program Management – 75% of students to earn a 75% or higher on the exam)

Certificate Program Assessment

75% of students that enter the certificate program in horticultural therapy will obtain the certificate with a grade of C or higher within 3 years.