Project Details – Team 3

Project Team

Project Title: Fostering the Inclusion of Sustainability-Inclusive Content Across the Curriculum

	Team Lead	Team Member	Team Member	Team Member
Name	Richard Plate	Sharon Woodill	Martha Hubertz	Devon Cadwell Bazata
College	Undergraduate Studies	Undergraduate Studies	Sciences	Undergraduate Studies
Department	Interdisciplinary Studies	Interdisciplinary Studies	Psychology	Interdisciplinary Studies
Department Chair	Wayne Bowen	Wayne Bowen	Florian Jentsch	Wayne Bowen

Additional team members who are non-teaching faculty or CDL staff members:

- Jennifer Elliott (Director of UCF's Arboretum and Sustainability Initiatives)
- Ryan Chabot (Sustainability Coordinator, Arboretum and Sustainability Initiatives)

Project Details

Course Prefix	Course Title	Modality (see reference above)	HIP Designation	Instructor of Record	Semester & Year to BE Taught
IDS 3053	Interdisciplinary Research Methods	W	RI	Woodill	Spg 2025
IDS 3157	Environment, Gender & Sexuality	W		Woodill	Spg 2025
IDS 3152	Diversity, Leadership in Environmental Studies	W	GL	Woodill	Fall 2024
DEP 2004	Developmental Psychology	W		Hubertz	Fall/Spg 2024/2025
SOP 3004	Social Psychology	W		Hubertz	Fall/Spg 2024/2025
SOP 3723	Cross Cultural Psychology	W	SL	Hubertz	Fall/Spg 2024/2025
EVR 3008	Foundations of Environmental Studies	W & M	SL	Plate/Komenda	Fall/Spg 2024/2025

Course	Title	Days	Designation	Instructor	Term
EVR 3021	Science of Sustainability	W		Plate	Fall/Spg 2024/2025
EVR 4940	Capstone Experience for Environmental Studies	M & W	SL	Plate/Gilbrook	Fall/Spg 2024/2025
IDS 3933	Cornerstone Experience for Interdisciplinary Studies	M & W		Woodill	Fall/Spg 2024/2025
IDS 4687	Interdisciplinary Communication	W		Bazata	Fall 2024
IDS 4934	Capstone Experience in Interdisciplinary Studies	W & M	SL	Woodill/Bazata	Fall/Spg 2024/2025
IDS 4939	Senior Seminar	W	IE	Bazata	Fall/Spg 2024/2025
LDR 3115	Contemporary Issues in Leadership	W	SL	Bazata	Fall/Spg 2024/2025
HUM 2230	Studies in Culture: 17th Century to the Present	W		DiLiberto	Fall/Spg 2024/2025
HUM 2020	Encountering the Humanities	M &W		DiLiberto	Fall 2024
HUM 3397	Environmental Humanities	W		DiLiberto	Spg 2025
CJC 3010	The Corrections and Penology	W		Malendevych	Fall/Spg 2024/2024
CJC 3164	Community-Based Corrections	W		Malendevych	Spg 2025

Technology implemented:

- Personal Adaptive Learning (PAL) In Canvas modules
- 360 Navigation to Videos
- AI-enabled content creation and distribution (Open AI, ChapGPT 4, Claude AI, Co-Pilot, Dal-E, AI generated images, some AI generated sample assignments in AI Ideas section)
- Building interactive open educational resource (OER) content
- Videos, clickable campus map with Thing Link

This is an open access resource that any course across the university can implement into their course.

Additional Comments

This project includes writing a 17-chapter press book with discussions and resources, videos, an interactive map, and AI ideas for use by faculty across the disciplines.

We have presented this project at the following conferences:

- Sunshine State Teaching & Learning Conference March 2024
- Florida Online Innovation Summit March 2024
- TOPkit Workshop 2024 March 2024
- Earth Charter International Conference April 2024

Videos to Date:

- SDG1: https://vimeo.com/cdlvideo/review/938268879/de12cd20c0
- SDG2: https://vimeo.com/cdlvideo/review/938335326/23486c6831

Webcourse to Date: https://webcourses.ucf.edu/courses/1454040

Tech used to date:

DCI WebCourse:

Sustainability

Module:

What is Sustainability

Page:

What is Sustainability Overview and Learning Objectives

- Genially Infographic

Wall-E & Sustainability

- Guess the Phrase Materia

Sustainability 101

- Genially Infographic
- Crossword Materia

Sustainability Foundations: Core Concepts

- LinkedIn Course

Module:

Sustainability: Poverty, Hunger, Health

Page:

Fostering Student Engagement: Poverty Hunger Health

- Giffy

Pressbooks

- Pressbook

Sustainability: Poverty, Hunger and Health Overview and Learning Objectives

- Genially infographic

Sustainability: Poverty

- Claude AI
- MARSH AI
- Screenpal
- Canva
- Thinglink Infographic
- Youtube
- Giffy
- Jeopardy Materia

Sustainability: Hunger

- Claude AI
- MARSH AI
- Screenpal
- Canva
- Thinglink Infographic
- Youtube
- Giffy
- Guess the Phrase Materia

Sustainability: Health

- Claude AI
- MARSH AI
- Screenpal
- Canva
- Thinglink Infographic
- Youtube
- Giffy
- Crossword Materia

Sustainable Development and Well-Being

- LinkedIn Course

Presentations to date:

Plate, R., Caldwell Bazata, D., Hubertz, M., Woodill, S., Paradiso J. & Chabot, R. (2024) Every Drop Counts: Incorporating Sustainability Across the College Curriculum—A Library of Open-Access Content Designed to Facilitate Adoption of SDGs into Course Curricula. Presentation at the **Earth Charter International Conference**, Winter Park, FL.

Plate, R. Cadwell Bazata, D., Paradiso, J., Hubertz, M. (2024). A Pressbooks Tool for Incorporating Sustainability Across the Curriculum. Presentation at the **TOPkit 2024 conference**.

Plate, R. Cadwell Bazata, D., Woodill. S., & Hubertz, M. (2024). Using Pressbooks to Make Everyone Part of the Solution. **Florida Online Innovation Summit**. Orlando, FL.

Cadwell Bazata, D. Plate, R., Hubertz, M. (2024). Using Sustainability to Unleash the Potential of Faculty and Students to Create a Better Future. **Sunshine State Teaching & Learning Conference**. Orlando, FL.

Cadwell, D., DiLiberto, S., Hubertz, M., Malendevych, I., Plate, R., & Valdez, C. (2024). Perceptions and Experiences of Interdisciplinary Students and Faculty Incorporating Sustainability in the Classroom. Presentation at **Sunshine State Teaching & Learning Conference**, Orlando, FL.

Hubertz, M. & Hubertz E. (2024). *Student Perceptions of Sustainability: Do I Have to Bring My Own Straw?* Paper to be presented at the ninth annual IAFOR International Conference on Education in Hawaii (IICE), January 3, 2024, to January 7, 2023.

Hubertz, M. (2023). UCF Collaborates with Arizona State University: Energy and Sustainability Conference. Orlando, FL.

Caldwell, D. (2023). UCF Collaborates with Arizona State University: Energy and Sustainability Conference. Orlando, FL.