



**Chaminade**  
**University**  
OF HONOLULU

### **Course Syllabus**

Chaminade University Honolulu

3140 Waialae Avenue - Honolulu, HI 96816

**Course Number:** ENV490

**Course Title:** Sustainability Innovation I

**Department Name:** Environmental Studies

**College/School/Division Name:** Natural Sciences and Mathematics

**Term:** Fall 2023

**Course Credits:** 3

**Class Meeting Days:** Tuesday and Thursday

**Class Meeting Hours:** 10:00 am - 11:20 am

**Class Location:** Kiefer Room 6

**Instructor Name:** Mariane Uehara

**Email:** [mariane.uehara@chaminade.edu](mailto:mariane.uehara@chaminade.edu)

**Phone:** 808.397.8621

**Office Location:** DART 2

**Office Hours:** By Appointment or Wednesday and Thursday 10 am - 12pm

**Instructor Website:** <https://www.inanainnovators.org/>

### **University Course Catalog Description**

ENV 490 Current Environmental Studies Seminar (1 to 3)

Selected topics of current interest in environmental studies will be addressed.

Prerequisites: EN 102, COM 101

### **Course Overview**

This course is designed to nurture you to be the next generation of sustainable innovators, leaders, and entrepreneurs. You will learn the fundamental concepts of sustainability and the UN Sustainable Development Goals (SDG) framework while developing an understanding of sustainable entrepreneurship, innovation, and values-driven decision-making principles and practices. You will be connected with a local business to familiarize yourself with business practices and identify key sustainability innovation opportunities. The course will host faculty guests, industry experts, and sustainable leaders to inspire and illustrate global sustainability innovation; analyze the economic, geopolitical, and ethical context for sustainability innovation and entrepreneurship considering diversity and equity in this field. You will work on individual assignments to reflect on your weekly learning and present a final team project with sustainable and innovative solutions for a specific local business.

Student expectations:

- Maintain a professional mindset and attitude when attending class.
- Communicate effectively and appropriately with classmates, instructors, and guests.
- Take responsibility for maturely meeting expectations and deadlines.
- View the classroom as a safe and valuable learning environment for personal and professional growth.
- Strive to be your best self and seek personal and professional assistance when facing challenges.

### **Marianist Values**

This course integrates the Marianist values creating a holistic and impactful educational experience that addresses personal growth and societal challenges.

1. **Education for Formation in Faith:** Incorporate discussions on the ethical and moral dimensions of sustainability, entrepreneurship, and innovation.
2. **Provide an Integral, Quality Education:** Emphasize the importance of interdisciplinary learning in addressing sustainability challenges. Showcase how various disciplines, such as environmental science, economics, and social justice, intersect in the context of entrepreneurship and innovation.
3. **Educate in Family Spirit:** Foster a collaborative and supportive learning environment where students work together like a family. Promote teamwork, empathy, and mutual respect among participants. Highlight how these qualities can lead to innovative solutions prioritizing collective well-being and community development.
4. **Educate for Service, Justice, and Peace:** Address social inequalities and environmental injustices through the lens of entrepreneurship and innovation. Discuss how sustainable business models contribute to a more just and equitable society.
5. **Educate for Adaptation and Change:** Highlight the dynamic nature of entrepreneurship and innovation, especially in the context of sustainability. Explore how businesses need to adapt to changing environmental and market conditions.

### **Native Hawaiian Values**

Education is an integral value in both Marianist and Native Hawaiian culture. Both recognize the transformative effect of a well-rounded, value-centered education on society, particularly in seeking justice for the marginalized, the forgotten, and the oppressed, always with an eye toward God (Ke Akua). This is reflected in the 'Ōlelo No'eau (Hawaiian proverbs) and Marianist core beliefs:

1. Educate for Formation in Faith (Mana) E ola au i ke akua ('Ōlelo No'eau 364) May I live by God
2. Provide an Integral, Quality Education (Na'auao) Lawe i ka ma'alea a kū'ono'ono ('Ōlelo No'eau 1957) Acquire skill and make it deep
3. Educate in Family Spirit ('Ohana) 'Ike aku, 'ike mai, kōkua aku kōkua mai; pela iho la ka nohana 'ohana ('Ōlelo No'eau 1200) Recognize others, be recognized, help others, be helped; such is a family relationship
4. Educate for Service, Justice and Peace (Aloha) Ka lama kū o ka no'eau ('Ōlelo No'eau 1430) Education is the standing torch of wisdom
5. Educate for Adaptation and Change (Aina) 'A'ohe pau ka 'ike i ka hālau ho'okahi ('Ōlelo No'eau 203) All knowledge is not taught in the same school

### **General Education Learning Outcomes**

Upon completion of the general education program, a student will be able to:

1. Articulate writing strategies, produce written texts, and engage diverse audiences, so as to participate creatively, collaboratively, and critically in their local communities.
2. Effectively develop and deliver informative and persuasive oral communications, engaging in dialogue and discussions to support the conveyance of meaning and connection with the audience.
3. Analyze, interpret, and communicate quantitative data using number sense to drive decision making.
4. Examine and evaluate diverse evidence, concepts, assumptions, and viewpoints.

5. Define, identify, locate, evaluate, synthesize, and present or demonstrate relevant information.
6. Apply Marianist values and integrate a global awareness through a project-based learning approach.

### Course Learning Outcomes

By the end of our course, students will be able to:

1. Define sustainability and identify the four core components of sustainable system frameworks (human, economic, environmental and social components).
2. Relate the UN Sustainable Development Goals (SDG) to these core components.
3. Identify the association between SDG and the need for technology solutions and innovation in sustainability.
4. Define and utilize fundamental terminology and principles of business practice and entrepreneurship, with particular emphasis on sustainable business and social enterprises.
5. Apply sustainability business and entrepreneurship principles to analyze needs and gaps, and design technology-based solutions to sustainability challenges.
6. Evaluate case studies and examples of sustainability-focused entrepreneurship and innovation, particularly in island-based economies, analyzing their relationship to the Sustainability frameworks, SDG, and their integration of economic, ecological and equity components.

### Alignment of Course Learning Outcomes

	CLO 1	CLO 2	CLO 3	CLO 4	CLO 5	CLO 6
Marianist Values	2, 3, 4	2, 3, 4	1, 4, 5	4	5	3, 4, 5
Gen Ed Learning Outcomes (if applicable)	1, 4, 6	4	1, 4, 6	1, 4, 6	1, 2, 3, 4	1, 2, 3, 4, 5, 6

### Course Prerequisites

None

### Required Learning Materials

Required material and other supplemental materials will be posted on the Canvas course website for each class. Each material was mindfully curated to empower you with the tools and skills for sustainable innovation and entrepreneurship, so we kindly ask you to review, read, and complete all assignments before each class.

### Course Website:

<https://chaminade.instructure.com/courses/29672>

### Technical Assistance for Canvas Users:

- Search for help on specific topics or get tips in [Canvas Students](#)
- [Live chat with Canvas Support for students](#)
- Canvas Support Hotline for students: +1-833-209-6111
- Watch this [video to get you started](#)
- [Online tutorials](#): click on “Students” role to access tutorials
- Contact the Chaminade IT Helpdesk for technical issues: [helpdesk@chaminade.edu](mailto:helpdesk@chaminade.edu) or call (808) 735-4855

## **Tutoring and Writing Services**

Chaminade is proud to offer free, one-on-one tutoring and writing assistance to all students. Tutoring and writing help is available on campus at Kōkua 'Ike: Center for Student Learning in a variety of subjects (including, but are not limited to: biology, chemistry, math, nursing, English, etc.) from trained Peer and Professional Tutors. Please check [Kōkua 'Ike's website](#) for the latest times, list of drop-in hours, and information on scheduling an appointment. Free online tutoring is also available via TutorMe. Tutor Me can be accessed 24/7 from your Canvas account. Simply click Account – Notifications – TutorMe. For more information, please contact Kōkua 'Ike at [tutoring@chaminade.edu](mailto:tutoring@chaminade.edu) or 808-739-8305.

## **Assessment**

Class participation "KWL Chart": 40%

Individual assignments: 31%

Group Assignments & Final team project: 29%

### Individual Assignments: instructions & directions

This individual assessment provides students with the opportunity to showcase their intellectual acumen to reflect on key concepts while critically evaluating sustainability and entrepreneurship issues. Prompts and specific guidance on this assessment will be uploaded onto Canvas two weeks before its due date (deadline).

*Submission:* It is the sole responsibility of the student to submit this assignment online before the deadline.

### Group Assignments & Final Team Project Assessment: instructions & directions

For the Group Assignments and Final Team Project, students will have the opportunity to creatively showcase i) a sustainable solution-oriented for the specific business they follow throughout the semester and ii) presentation skills evaluated based on clarity and relevance. Further instructions will be provided *two weeks* before the due date (deadline) of this assessment.

*Assessment Format:* More details will be posted on Canvas.

## **Grading Scale**

Letter grades are given in all courses except those conducted on a credit/no credit basis. Grades are calculated from the student's daily work, class participation, quizzes, individual reports and the final group project.

They are interpreted as follows:

- A Outstanding scholarship and an unusual degree of intellectual initiative
- B Superior work done in a consistent and intellectual manner
- C Average grade indicating a competent grasp of subject matter
- D Inferior work of the lowest passing grade, not satisfactory for fulfillment of prerequisite course work
- F Failed to grasp the minimum subject matter; no credit given

## **Course Policies**

### **Late Work Policy**

Requests for extensions due to extenuating circumstances (medical problems, for example) will be considered but in general work received after the deadline will not be graded. Computer problems are not an excuse for late work.

## **Grades of "Incomplete"**

Students and instructors may negotiate an incomplete grade when there are specific justifying circumstances. An Incomplete Contract (available from the Divisional Secretary and the Portal) must be completed. When submitting a grade the "I" will be accompanied by the alternative grade that will automatically be assigned after 30 days. These include IB, IC, ID, and IF. If only an "I" is submitted the default grade is F. The completion of the work, evaluation, and reporting of the final grade is due within 90 days after the end of the semester or term. This limit may not be extended.

## **Writing Policy**

Paper requirements and formatting will be discussed during the course when the assignment is given.

## **Instructor and Student Communication**

Questions for this course can be emailed to me at [mariane.uehara@chaminade.edu](mailto:mariane.uehara@chaminade.edu). Online, in-person and phone conferences can be arranged. Response time will take place up to 24 hours but response time may be longer on the weekends.

## **Cell phones, tablets, and laptops**

Out of consideration for your instructor, guest speakers and classmates, please set your cell phone to silent mode during class. Students are encouraged to use notebooks instead of laptops or tablets to encourage creativity and minimize distractions.

## **Disability Access**

If you need individual accommodations to meet course outcomes because of a documented disability, please speak with me to discuss your needs as soon as possible so that we can ensure your full participation in class and fair assessment of your work. Students with special needs who meet criteria for the Americans with Disabilities Act (ADA) provisions must provide written documentation of the need for accommodations from Kōkua 'Ike: Center for Student Learning by the end of week three of the class, in order for instructors to plan accordingly. If a student would like to determine if they meet the criteria for accommodations, they should contact the Kōkua 'Ike Coordinator at (808) 739-8305 for further information ([ada@chaminade.edu](mailto:ada@chaminade.edu)).

## **Title IX Compliance**

Chaminade University of Honolulu recognizes the inherent dignity of all individuals and promotes respect for all people. Sexual misconduct, physical and/or psychological abuse will NOT be tolerated at CUH. If you have been the victim of sexual misconduct, physical and/or psychological abuse, we encourage you to report this matter promptly. As a faculty member, I am interested in promoting a safe and healthy environment, and should I learn of any sexual misconduct, physical and/or psychological abuse, I must report the matter to the Title IX Coordinator. If you or someone you know has been harassed or assaulted, you can find the appropriate resources by visiting Campus Ministry, the Dean of Students Office, the Counseling Center, or the Office for Compliance and Personnel Services.

## **Attendance Policy**

Students are expected to attend all courses for which they are registered. Students should notify their instructors when illness or other extenuating circumstances prevents them from attending class and make arrangements to complete missed assignments. Notification may be done by emailing the instructor's Chaminade email address, calling the instructor's campus extension, or by leaving a message with the instructor's division office. It is the instructor's prerogative to modify deadlines of course requirements accordingly. Any student who stops attending a course without officially withdrawing may receive a failing grade.

Unexcused absences equivalent to more than a week of classes may lead to a grade reduction for the course. Any unexcused absence of two consecutive weeks or more may result in being withdrawn from the course by the instructor, although the instructor is not required to withdraw students in that scenario. Repeated absences put students at risk of failing grades.

Students with disabilities who have obtained accommodations from the Chaminade University of Honolulu Tutor Coordinator may be considered for an exception when the accommodation does not materially alter the attainment of the learning outcomes.

Federal regulations require continued attendance for continuing payment of financial aid. When illness or personal reasons necessitate continued absence, the student should communicate first with the instructor to review the options. Anyone who stops attending a course without official withdrawal may receive a failing grade or be withdrawn by the instructor at the instructor's discretion.

### **Student Conduct Policy**

Campus life is a unique situation requiring the full cooperation of each individual. For many, Chaminade is not only a school, but a home and a place of work as well. That makes it a community environment in which the actions of one student may directly affect other students. Therefore, each person must exercise a high degree of responsibility. Any community must have standards of conduct and rules by which it operates. At Chaminade, these standards are outlined so as to reflect both the Catholic, Marianist values of the institution and to honor and respect students as responsible adults. All alleged violations of the community standards are handled through an established student conduct process, outlined in the Student Handbook, and operated within the guidelines set to honor both students' rights and campus values.

Students should conduct themselves in a manner that reflects the ideals of the University. This includes knowing and respecting the intent of rules, regulations, and/or policies presented in the Student Handbook, and realizing that students are subject to the University's jurisdiction from the time of their admission until their enrollment has been formally terminated. Please refer to the Student Handbook for more details. A copy of the Student Handbook is available on the Chaminade website under Student Life.

For further information, [please refer to the Chaminade Catalogue.](#)

### **Credit Hour Policy**

The unit of semester credit is defined as university-level credit that is awarded for the completion of coursework. One credit hour reflects the amount of work represented in the intended learning outcomes and verified by evidence of student achievement for those learning outcomes. Each credit hour earned at Chaminade University should result in 45 hours of engagement. This equates to one hour of classroom or direct faculty instruction and a minimum of two hours of out-of-class student work each week for approximately fifteen weeks for one semester, 10 week term, or equivalent amount of work over a different amount of time. Direct instructor engagement and out-of-class work result in total student engagement time of 45 hours for one credit.

The minimum 45 hours of engagement per credit hour can be satisfied in fully online, internship, or other specialized courses through several means, including (a) regular online instruction or interaction with the faculty member and fellow students and (b) academic engagement through extensive reading, research, online discussion, online quizzes or exams; instruction, collaborative group work, internships, laboratory work, practica, studio work, and preparation of papers, presentations, or other forms of assessment. This policy is in accordance with federal regulations and regional accrediting agencies.

## Schedule

### Tentative Course Outline

Week	Date	Lecture Topics	Alignment of CLO	Faculty / Guest Speaker
1	Aug 22	Welcome & Introductions		Mariane Uehara + Guest faculty: Dr. Helen Turner
1	Aug 24	Well-Being inspires Well-Doing	1	Mariane Uehara + Industry expert: <a href="#">Raul Boca</a> - Owner Boca Hawaii
2	Aug 29	The economic way of thinking	1, 2	Mariane Uehara + Guest faculty: Dr. Guanlin Gao
2	Aug 31	Public goods and common resources	1, 2, 3, 4	Mariane Uehara + Guest faculty: Dr. Guanlin Gao
3	Sep 5	Storytelling & Public speaking	4	Mariane Uehara + Industry expert: <a href="#">Tony Silva</a> - Host Da Braddahs Show
3	Sep 7	Design thinking: Entrepreneurial mindset	5, 6	Mariane Uehara + Industry expert: <a href="#">Ian Kitajima</a> - Design Thinking Hawaii
4	Sep 12	Design thinking: How to apply	4, 5, 6	Mariane Uehara + Guest faculty: Dr. Catherine Brockway
4	Sep 14	Fundamental concepts in sustainability & SDG	1, 2, 5, 6	Mariane Uehara + Guest faculty: Dr. Gail Grabowsky
5	Sep 19	Leading Innovation in Hawai'i	2, 3, 4, 5, 6	Mariane Uehara + Sustainable leader: <a href="#">Jeff Mikulina</a> - Director Hawai'i Climate Coalition
5	Sep 21	Sustainable entrepreneurship in Hawaii	3, 4, 5	Mariane Uehara + Industry expert: <a href="#">Donavan Kealoha</a> - Co-founder Purple Maia
6	Sep 26	Holistic Corporate Social Responsibility	2, 3, 4	Mariane Uehara + Industry experts: <a href="#">Cort Isernhagen</a> & <a href="#">Jamie Luj</a> - Founders Diamond Head Research
6	Sep 28	Working day = First business visit	2, 3, 4	Mariane Uehara + Business Owner + Mentor
7	Oct 3	Principles & practices of entrepreneurship	4, 5	Mariane Uehara + Guest faculty: Dr. Roy Panzarella
7	Oct 5	Cultural & ethical context for sustainable entrepreneurship in US	1, 4, 5	Mariane Uehara + Sustainable leader: <a href="#">Robert Kinslow</a> - Sustainability Consultant
8	Oct 10	Leadership & Collaboration & Networking	4, 5, 6	Mariane Uehara + Industry expert: Quinn - owner of Re-Use Hawaii
8	Oct 12	Working day = Second business visit		Mariane Uehara + Business Owner + Mentor
9	Oct 17	Local Business Operations & Strategies	4, 5	Mariane Uehara + Industry expert: <a href="#">David Oyadomari</a> - Founder Ekklesia Capital
9	Oct 19	Working day = Third business visit		Mariane Uehara + Business Owner + Mentor
10	Oct 24	Human resources: values, beliefs and practices	1, 4	Mariane Uehara + Guest faculty: Dr. Helen Turner

10	Oct 26	Cultural & ethical context for sustainable entrepreneurship in Hawai'i		Mariane Uehara + Guest faculty: Kahoalii Keahi-Wood
11	Oct 31	Financial Well-being	3, 4	Mariane Uehara + Industry expert: TBA
11	Nov 2	Working day		Mariane Uehara + Business Owner + Mentor
12	Nov 7	Brand personality & voice	3, 4	Mariane Uehara + Industry expert: <u>Nick Kuchar</u> - Surf Artist
12	Nov 9	Working day		Mariane Uehara + Business Owner + Mentor
13	Nov 14	Marketing tools & strategies	4	Mariane Uehara + Industry expert: <u>Alana Penaroza</u> - Co-owner Tag Aloha Co.
13	Nov 16	Working day		Mariane Uehara + Business Owner + Mentor
14	Nov 21	Sales Strategies	4	Mariane Uehara + Industry expert: <u>Tim Marr</u> - Sales Director Nutrex Hawaii
14	Nov 23	THANKSGIVING: NO CLASS		
15	Nov 28	Individual well-being	1	Mariane Uehara + Guest faculty: Dr. Helen Turner
15	Nov 30	Final project preparation		Mariane Uehara + Business Owner + Mentor
16	Dec 5	<b>Final project presentation</b>		Mariane Uehara + Guests
16	Dec 7	Written project delivery		

### **Mariane 's final note**

We have carefully designed this course to ignite your understanding of sustainability and equip you with valuable tools in entrepreneurship. Throughout this course, our aim is to engage and excite you beyond traditional classroom settings.

We have curated a wide range of incredible professionals in our community who are industry experts in sustainability and entrepreneurship. Their expertise will provide valuable insights, practical knowledge, and real-world examples that will empower you to apply these concepts in your personal and professional endeavors.

We want this course to be a transformative experience for all of us. Our goal is to impart knowledge and inspire you to become agents of change. So we encourage you to actively engage with the course material, embrace diverse perspectives, and challenge conventional thinking.

Let us foster an inclusive and collaborative learning environment where your ideas can flourish and innovative solutions can be nurtured.

I am delighted to meet and share this course with you!

Warm aloha,

PS.: One of my biggest passions is to listen to people's dreams on how we can make this world a better place for all and brainstorm ideas on how to make it happen. So please feel free to set an appointment with me to share yours. I am here for you!