

Internationalization

This course focuses on international and global aspects of Biology while developing Information Literacy skills. Biodiversity, human health, climate and ecological challenges will be investigated while emphasizing multicultural awareness, perspective and engagement. Students will identify areas of interconnections between global issues that affect life on Earth and will compare norms and expectations with their international peers. They will collaborate with students from ULSA (Mexico) to problem- solve questions in biology while appreciating intercultural differences. They will consistently communicate with open, appropriate interactions and gain better understanding on personal and global social responsibilities on a weekly basis, while using standard practices in Information Literacy and Scientific Method.

Learners will have a chance to obtain Alamo Colleges Global Learner digital badges upon successful completion of the course. Up to 8 digital microbadges may be earned during this course.

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AlamoCOIL

Our partner for this course is ULSA in Oaxaca, Mexico. We will be working alongside students in a Psychology course led by Paulina Ivette Hernandez Cenobio

The collaborative Online International Learning (COIL) methodology will be implemented to achieve scientific information literacy competencies. Students from ULSA (Mexico) and NVC (USA) will collaborate to promote global knowledge of research needs and self-awareness in an intercultural context. Throughout the course, we will implement information literacy skills in relation to health.

Some of the outcomes for the Global Learning include:

Awareness: Knowledge of interconnections between local and global issues and events. Students will demonstrate the interrelatedness between local, national, and global environmental and health related disparities.

Perspective: Use global and cultural perspectives to problem solve. Students will analyze the health and environmental impacts of their own communities and compare them with their international partners and other citizens of the world.

Engagement: A sense of local and global social responsibility. Students will recommend strategies for reducing their carbon footprint and identifying more sustainable practices.

Global Learning Course Outcome

In addition to the course objectives, students will increase their knowledge and understanding on international and global aspects of nutrition. Students will identify health disparities across the community, nation and globe and their relationship to nutrition. They will examine multiple cultures and their relation to foods, and evaluate the contribution of global aspects to increase their awareness,

perspective and engagement. Lastly, students will identify global anthropogenic international problems such as climate and ecological challenges affecting the world and will propose meaningful and feasible solutions.

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COIL: We will be working with students and Dr. Valeria Matzkin at Universidad Nacional de La Pampa, Argentina for the COIL portion of the course.

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Awareness: Knowledge of interconnections between local and global issues and events. Students will demonstrate an understanding of the interrelatedness between local, national, and global water and beef consumption.

Perspective: Use global and cultural perspectives to problem solve. Students will analyze their own meal (breakfast/lunch or dinner) and compare it with that of someone from a different region. The analysis will include AMDR, total calories and macro/micronutrients and cost.

Engagement: A sense of local and global social responsibility. Students will recommend strategies for reducing their carbon footprint. This could include resource depletion, water usage, plastic waste and more.

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AlamoCOIL

Our partner for this course is UNAH in Honduras. We will be working alongside students in a Environmental Chemistry course led by Dr. Roque Castillo.

The collaborative Online International Learning (COIL) methodology will be implemented to achieve scientific information literacy competencies. Students from UNAH (Honduras) and NVC (USA) will collaborate to promote global knowledge of research needs and self-awareness in an intercultural context. Throughout the course, we will implement information literacy skills in relation to environmental problems that affects life.

Some of the outcomes for the Global Learning include:

Awareness: Knowledge of interconnections between local and global issues and events. Students will demonstrate the interrelatedness between local, national, and global environmental and health related disparities.

Perspective: Use global and cultural perspectives to problem solve. Students will analyze the health and environmental impacts of their own communities and compare them with their international partners and other citizens of the world.

Engagement: A sense of local and global social responsibility. Students will recommend strategies for reducing their carbon footprint and identifying more sustainable practices.