Interdisciplinarity through a modular sustainability curriculum

Common modules are implemented across diverse courses

Student products are generated and shared across courses

Integration across disciplines is made through connections among courses...

Curriculum has common and course-specific learning outcomes

<table>
<thead>
<tr>
<th>Curriculum</th>
<th>Module: Sustainable Food</th>
<th>Course-specific</th>
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<tbody>
<tr>
<td><strong>Define sustainability, including the three pillars of sustainability</strong></td>
<td>Explain how a sustainable food system requires an integration of economic, social, and environmental perspectives</td>
<td>Principles of Ecology (Biol 203)</td>
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<td><strong>Identify key questions related to sustainability</strong></td>
<td>Describe how food production alters processes of nutrient cycling</td>
<td>Global Environmental Politics (Plsc 390)</td>
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<td><strong>Integrate perspectives from at least two disciplines into analysis of sustainability to demonstrate the complex, multidimensional, and interdisciplinary nature of sustainability issues</strong></td>
<td>Evaluate recommendations for responsible food choices from multiple disciplines</td>
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<td><strong>Reflect on how knowledge of sustainability issues can shape lifestyle choices / how people live their daily lives</strong></td>
<td>Identify personal decisions about food choices using evidence from multiple sources</td>
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Outcomes align to similar & common assessments

- Digital products
  - Using what you have learned so far in this class, create a one-page infographic to evaluate one of these claims:
    1. Buying and eating only locally produced food is the most sustainable.
    2. Eating unprocessed foods is the most sustainable.
    3. A vegetarian diet is the most sustainable.
    4. A vegan diet is the most sustainable.
    5. Buying and eating only locally produced food is the most sustainable.
    6. Eating unprocessed foods is the most sustainable.

- Interdisciplinary reflection essay uses products created by other students

What’s next?

End-of-module reflection

- Revisit your dietary choices that you identified prior to learning about food sustainability in the course. Reflect upon those dietary choices, and evaluate the extent to which they are sustainable using what you have learned in this course and information provided by students from another discipline. Given what you have learned in this course and from the work of students outside this course, do you want to change your diet? To what extent do you feel that you are able to change your diet? If you do want to make different dietary choices now, explain how likely it is that will make those changes. If you refer to the work of others (including other students), please be sure to cite it appropriately using the conventions of our discipline.

References and Acknowledgements

2. Marian Brown (Wells College), organizer of the Finger Lakes Project. We learned about infusing sustainability into curricula at the 2017 workshop.
3. Finger Lakes Project Mini-grant Program and SUNY Innovative Instructional Technology Grant (IITG). Funding for the pilot courses and upcoming workshops/curriculum development.

Curricular focus areas