

SUNY Broome General Education
Course Revision Form (For Current Gen Ed Courses)

I. Course Information/Signature Page

Date: **4/15/2021**

Course Title: **PHS 112 Interactions with our Natural World**

Proposed Course Title (only for courses proposing new titles through Curriculum Committee):

NA

Department/Subject Designator: **Physical Science**

Number credits: **4**

Pre-requisites/Co-requisites: **NA**

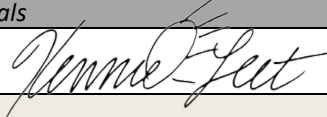
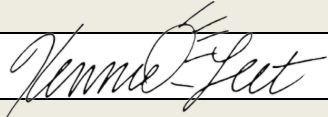
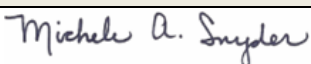
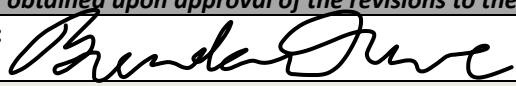
Sponsor Proposer: **Erin Heard**

Sponsor Department(s): **Physical Science**

Cross-listed proposer (if applicable): **NA**

Cross-listed department (if applicable): **NA**

Effective semester/year of Proposed GE Addition: **Spring 2022**

Approvals			Yes	No
Sponsoring Department: (Chair signs for Department) Physical Sciences		Date 10/7/2021	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Comments:				
Department Chair: Kennie Leet		Date 10/7/2021	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Comments:				
Sponsoring Division: (Dean signs for Division)		Date 11/1/21	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Comments:				
Cross-listed Department (if applicable): (Chair signs for Department)		Date	<input type="checkbox"/>	<input type="checkbox"/>
Comments:				
Cross-listed Division (if applicable): (Dean signs for Division)		Date	<input type="checkbox"/>	<input type="checkbox"/>
Comments:				
These signatures will be obtained upon approval of the revisions to the General Education course				
General Education Committee: (Chair signs for Committee)		Date 12/10/21	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Comments:				
Registrar:		Date	<input type="checkbox"/>	<input type="checkbox"/>
Comments:				
EVP/CAO:		Date	<input type="checkbox"/>	<input type="checkbox"/>
Comments:				

SUNY Broome General Education
Course Revision Form (For Current Gen Ed Courses)

SUNY Broome General Education
Course Revision Form (For Current Gen Ed Courses)

SUNY Broome General Education Course Assessment Map & Plan
SUNY Broome GE Course SLO Alignment with SUNY-GER Course Alignment/SUNY Broome ILOs

Course Title and Number: Please list the course number and title here: *PHS 112: Interactions with our Natural World*

Course Modalities: Please list the modalities which the course is offered (in class, online, blended, Fast Forward). Please note, you are expected to assess across all modalities in which your course was offered at the time of assessment during your assessment schedule. *In class, online*

SUNY-GER Category: Please list the SUNY-GER category here by number (see below): 2

SUNY GER Learning Outcomes: Please list the outcomes from the knowledge area to be covered here (please review Guidelines for the approval of State University Gen Ed Requirement Courses). Each outcome within the knowledge area proposed must be included and mapped to SUNY-GER learning outcomes.

Students will demonstrate:

1. understanding of the methods scientists use to explore natural phenomena, including observation, hypothesis development, measurement and data collection, experimentation, evaluation of evidence, and employment of mathematical analysis
2. application of scientific data, concepts, and models in one of the natural (or physical) sciences

Assessment Schedule: Please list the assessment schedule here, including semester and year it will occur; if assessment is done each semester, please indicate this.
Every year

Which SUNY Broome ILO category do you believe your course maps to, if any? ____4____

SUNY Broome General Education
Course Revision Form (For Current Gen Ed Courses)

<p style="text-align: center;">SUNY Broome Course SLO (<u>every</u> course SLO should be listed, as stated within the college catalogue & course syllabus)</p>	<p style="text-align: center;">SUNY-GER SLO (indicate which GER SLO is met; if none, write N/A)</p>	<p style="text-align: center;">Assessment Timeline (indicate the frequency in which assessment occurs, including semester and year within assessment cycle) *All SLOs must be assessed at least once every 3 years</p>	<p style="text-align: center;">Learning Activity (indicate the learning activity used to assess the SLO)</p>	<p style="text-align: center;">Criteria for Success/Benchmark (indicate the <u>criteria</u> used to assess SLOs & the <u>benchmark</u> for success)</p>
1. Identify steps in the scientific method used to explore phenomena in the earth sciences	1	1 time/ year	Pre/Post Blackboard Quiz	Criteria: correct answer Benchmark:60% of students improved mean score from the pre test
2. Demonstrate the ability to read, analyze, and interpret scientific data	2	1 time/ year	Pre/Post Blackboard Quiz	Criteria: correct answer Benchmark:60% of students improved mean score from the pre test
3. Define the major spheres of the Earth	2	1 time/ year	Pre/Post Blackboard Quiz	Criteria: correct answer Benchmark:60% of students improved mean score from the pre test
4. Discuss the interrelationships between Earth, the solar system, and living organisms	2	1 time/ year	Pre/Post Blackboard Quiz	Criteria: correct answer Benchmark:60% of students improved mean score from the pre test

SUNY Broome General Education
Course Revision Form (For Current Gen Ed Courses)

5. Demonstrate an ability to make observations and draw conclusions	2	1 time/ year	Pre/Post Blackboard Quiz	Criteria: correct answer Benchmark:60% of students improved mean score from the pre test
---	---	--------------	--------------------------	---