

General Education Electives Recertification and Curricular Map Development

Jessica Bonjour – General Education Coordinator

John Frye – Geology, Geography, & Environmental Science



University of Wisconsin
Whitewater

Topics of Discussion*

***All topics covered are with respect to Main Campus General Education program**

- **General Education Requirements**
- **General Education Learning Outcomes (GELOs)**
- **Elective Categories**
- **Elective Recertification Process**
- **What did we learn?**
- **What do we do next?**



What do you know about UWW Gen Ed?

Random Fact #88

Think of a number. Double it. Add six.
Half it. Take away the number you
started with. Your answer is three.

psychofactz.tumblr.com



University of Wisconsin
Whitewater

UWW Gen Ed Curriculum

CORE

- Courses taken by all students in areas of communities and cultural heritages
- 3 freshman level courses and 1 junior level course
- 12 credits

Electives

- Students choose courses across campus with Gen Ed elective designation
- Courses fall into one of the 9 categories
- 8-12 credits

General Education Curriculum

Proficiency

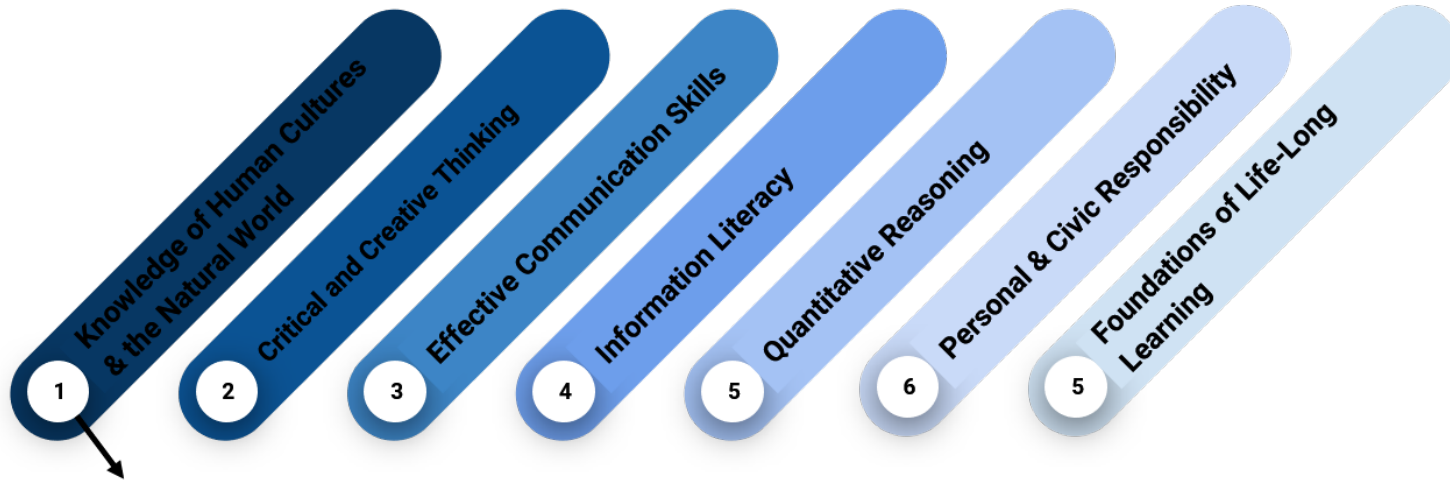
- Includes courses like English, math, communication, and health& wellness
- Credits vary

Lab Science

- Students choose 1 lab science course (BA) or 2 lab science courses (BS)
- Credits vary, but 8-10 is average



GELOs



- Exploration of enduring issues, questions, and problems of human experience across the core areas
- Ability to contextualize knowledge through various disciplinary approaches
- Capacity to apply learning and think in interdisciplinary and integrative ways about the complexity and interconnectedness of the world



Elective Categories

GA Creative Arts

Students will develop critical, creative, and interpretive skills as well as an understanding of the relationship between art, creativity, and the broader social and cultural context.

GE Engaging Difference

Students will enhance their intercultural knowledge and skills, and in particular learn to articulate and respect the perspectives that arise from these differing experience while critically examining their own values, perspectives and biases.

GH Humanities

Students will develop skills and knowledge that will help them meet the challenges of a diverse and ever-changing world as an informed and responsible citizen.

GG Global & International Perspectives

Students will enhance their critical and creative thinking and communication skills, and grapple with complexity and diverse perspectives.

GL Lab Science

Students will develop their ability to read and comprehend scientific information and use that information to make judgements and draw appropriate conclusions about its influence on the world around them. Students will understand the process of obtaining and evaluating scientific knowledge and how it impacts society and technological growth.

GN Natural Science

Students will develop their ability to read and comprehend scientific information and use that information to make judgements and draw appropriate conclusions about its influence on the world around them.

GQ Quantitative

Students will learn to use models or algorithms to solve problems, and will apply quantitative concepts to real-world situations.

GW Wellness & Life-Long Learning

Students will develop the ability to think critically about these issues, and apply appropriate theories and quantitative and qualitative methods to analyze and evaluate social problems.

GS Social & Behavioral Sciences

Students will develop lifelong learning skills such as self-monitoring, reflection, educated decision-making, and implementing strategies for personal change.



University of Wisconsin
Whitewater

Recertification Goals



- Ensure alignment of gen ed elective course objectives with GELOs



- Provide opportunity for instructors to become familiar with new GELOs and categories



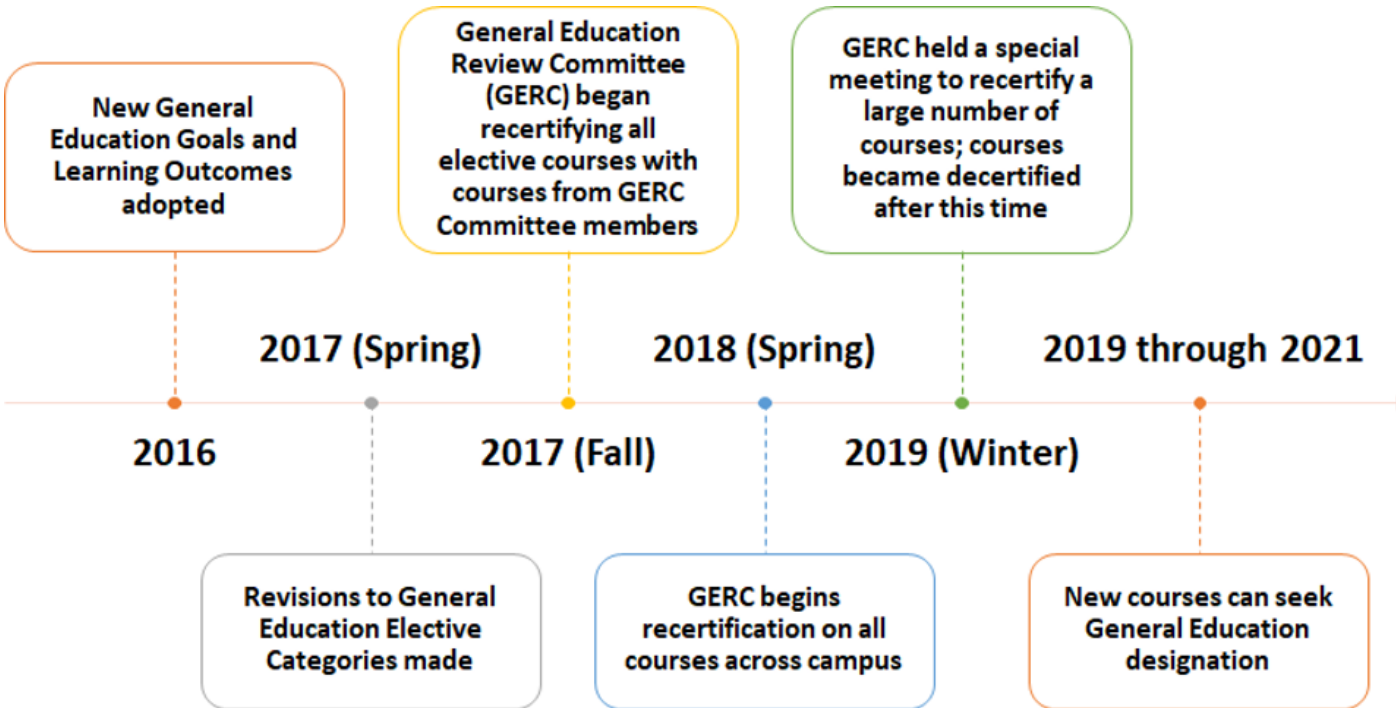
- Ensure the course is identified as a Gen Ed elective and its category and learning outcomes are shared with students



- Gather detailed information about learning outcomes, instruction and assessment in the gen ed electives



Recertification Timeline



Recertification Process

Category Selection

Course instructor picked the category that best fit the objectives of the course.

Qualtrics Survey

Course instructor completed a survey in Qualtrics indicating which GELOs the course would cover and how they would be assessed.

Syllabus Updates

Course instructor made updates to the syllabus to include category description, list of GELOs and corresponding assessments.

Courseleaf Submission

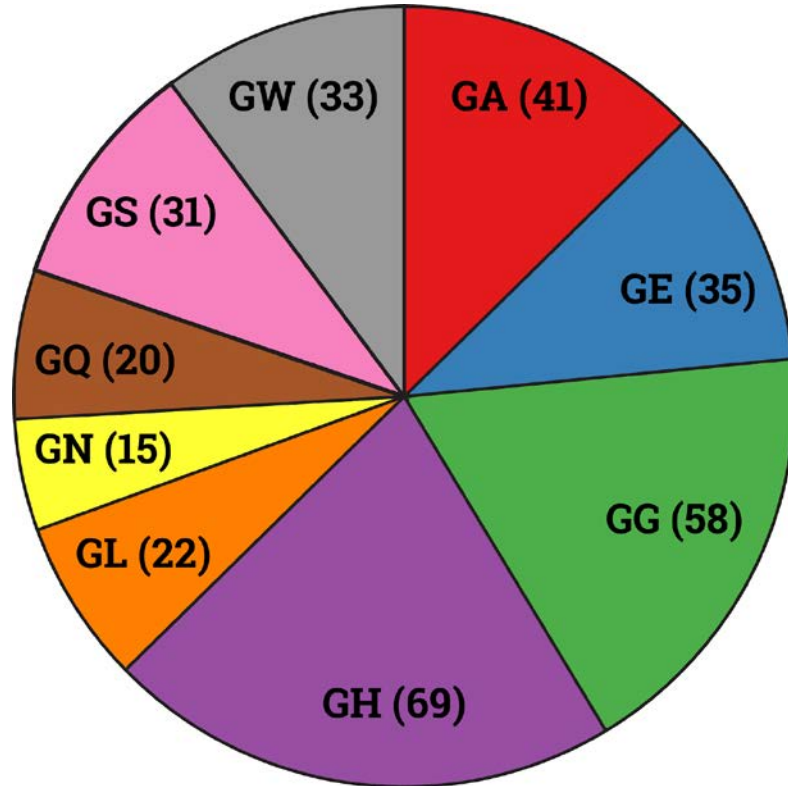
Course instructor completed a Courseleaf form for the recertification (campus curricular change process).

Committee Review

The Gen Ed Review Committee reviewed all recertification requests. Typically split up into subgroups to review a set of courses. Committee then approved or not.



How Many Electives per Category?



Curricular Maps

	ALL		GA		GE		GG		GH		GL		GN		GQ		GS		GW	
	# of Courses	% of Courses	# of Courses	% of Courses	# of Courses	% of Courses	# of Courses	% of Courses	# of Courses	% of Courses	# of Courses	% of Courses	# of Courses	% of Courses	# of Courses	% of Courses	# of Courses	% of Courses	# of Courses	% of Courses
ALL	324	100.0	41	100.0	35	100.0	58	100.0	69	100.0	22	100.0	15	100.0	20	100.0	31	100.0	33	100.0
Knowledge of Human Cultures and the Natural World	254	78.4	39	95.1	31	88.6	56	96.6	65	94.2	21	95.5	15	100.0	1	5.0	23	74.2	3	9.1
Critical and Creative Thinking	286	88.3	34	82.9	33	94.3	57	98.3	69	100.0	20	90.9	15	100.0	20	100.0	30	96.8	8	24.2
Communication Skills	231	71.3	40	97.6	32	91.4	55	94.8	60	87.0	6	27.3	5	33.3	12	60.0	15	48.4	6	18.2
Information Literacy	82	25.3	18	43.9	6	17.1	13	22.4	19	27.5	8	36.4	5	33.3	1	5.0	7	22.6	5	15.2
Quantitative Reasoning	53	16.4	1	2.4	0	0.0	1	1.7	1	1.4	19	86.4	7	46.7	20	100.0	4	12.9	0	0.0
Personal and Civic Responsibility	169	52.2	21	51.2	34	97.1	47	81.0	34	49.3	8	36.4	6	40.0	0	0.0	13	41.9	6	18.2
Foundations of Life-Long Learning	158	48.8	36	87.8	13	37.1	8	13.8	34	49.3	11	50.0	3	20.0	8	40.0	12	38.7	33	100.0

Percentage of courses where each GELO is a primary learning outcome in all courses and within each elective category.	ALL	GA Creative Arts	GE Engaging Difference	GG Global and International Perspectives	GH Humanities	GL Natural Sciences (lab)	GN Natural Sciences (non- lab)	GQ Quantitative Reasoning	GS Social and Behavioral Sciences	GW Wellness and Life-Long Learning
Knowledge of Human Cultures and the Natural World										
Explore enduring issues, questions, and problems of human experience across one or more core areas of knowledge	57.4	61.0	80.0	62.1	84.1	22.7	60.0	0.0	71.0	9.1
Ability to contextualize knowledge through various disciplinary approaches	38.6	56.1	54.3	34.5	44.9	68.2	66.7	0.0	16.1	6.1
Capacity to apply learning and think in interdisciplinary and integrative ways about the complexity and inter-connectedness of the world	46.3	56.1	65.7	51.7	63.8	50.0	53.3	0.0	29.0	6.1

Critical and Creative Thinking										
Percentage of courses where each GELO is a primary learning outcome in all courses and within each elective category.	ALL	GA Creative Arts	GE Engaging Difference	GG Global and International Perspectives	GH Humanities	GL Natural Sciences (lab)	GN Natural Sciences (non-lab)	GQ Quantitative Reasoning	GS Social and Behavioral Sciences	GW Wellness and Life-Long Learning
Explain and analyze relevant ideas, arguments, and problems	67.9	61.0	82.9	53.4	89.9	72.7	73.3	65.0	90.3	15.2
Evaluate the quality of ideas, evidence, materials, and arguments using appropriate criteria	46.9	51.2	54.3	17.2	78.3	63.6	86.7	10.0	45.2	15.2
Recognize and engage multiple perspectives and alternative explanations	50.0	48.8	82.9	41.4	79.7	27.3	33.3	30.0	45.2	9.1
Draw conclusions from complex information	58.6	56.1	80.0	55.2	69.6	90.9	86.7	50.0	45.2	6.1
Synthesize existing information to produce new insights or approaches	45.1	56.1	57.1	29.3	71.0	54.5	46.7	20.0	35.5	9.1
Craft logical and persuasive arguments supported by relevant and compelling evidence	46.0	41.5	57.1	37.9	78.3	54.5	20.0	20.0	41.9	12.1
Design, evaluate, and implement strategies to solve problems or answer open-ended questions	31.2	53.7	14.3	17.2	37.7	45.5	26.7	65.0	25.8	9.1

Percentage of courses where each GELO is a primary learning outcome in all courses and within each elective category.	ALL	GA Creative Arts	GE Engaging Difference	GG Global and International Perspectives	GH Humanities	GL Natural Sciences (lab)	GN Natural Sciences (non- lab)	GQ Quantitative Reasoning	GS Social and Behavioral Sciences	GW Wellness and Life-Long Learning
Communication Skills										
Read and listen closely and critically in order to interpret, analyze and evaluate written texts, images, speech, performances and multimedia communications	58.0	87.8	68.6	77.6	84.1	13.6	6.7	30.0	38.7	9.1
Communicate in a focused, coherent, and organized manner with appropriate attention to audience, purpose and context	47.5	70.7	65.7	65.5	63.8	0.0	13.3	20.0	35.5	9.1
Write effective analytical, reflective and expository essays and research papers	42.0	29.3	57.1	56.9	78.3	9.1	6.7	0.0	38.7	6.1
Speak effectively in public, small group, and interpersonal settings	30.6	41.5	40.0	60.3	31.9	13.6	13.3	0.0	12.9	6.1
Use clear and precise language as well as appropriate conventions, tools, and technology	37.3	46.3	42.9	53.4	53.6	4.5	6.7	50.0	19.4	3.0
Implement the process of drafting, revising and editing	20.7	29.3	20.0	44.8	23.2	9.1	0.0	5.0	9.7	0.0

Percentage of courses where each GELO is a primary learning outcome in all courses and within each elective category.										
	ALL	GA Creative Arts	GE Engaging Difference	GG Global and International Perspectives	GH Humanities	GL Natural Sciences (lab)	GN Natural Sciences (non- lab)	GQ Quantitative Reasoning	GS Social and Behavioral Sciences	GW Wellness and Life-Long Learning
Information Literacy										
Identify and articulate information needs by precisely defining a question, topic of inquiry or problem	14.5	26.8	11.4	8.6	17.4	27.3	26.7	5.0	9.7	3.0
Select appropriate resources for finding information and formulate effective search strategies	15.4	24.4	14.3	19.0	15.9	18.2	33.3	0.0	6.5	6.1
Critically evaluate, analyze and integrate relevant sources using appropriate criteria	13.6	19.5	14.3	8.6	20.3	13.6	13.3	0.0	12.9	9.1
Use and cite information sources correctly and ethically	13.3	17.1	14.3	20.7	15.9	13.6	6.7	0.0	9.7	3.0
Choose and effectively use appropriate tools and technologies for these tasks	7.7	24.4	8.6	3.4	10.1	0.0	0.0	5.0	6.5	0.0

Quantitative Reasoning

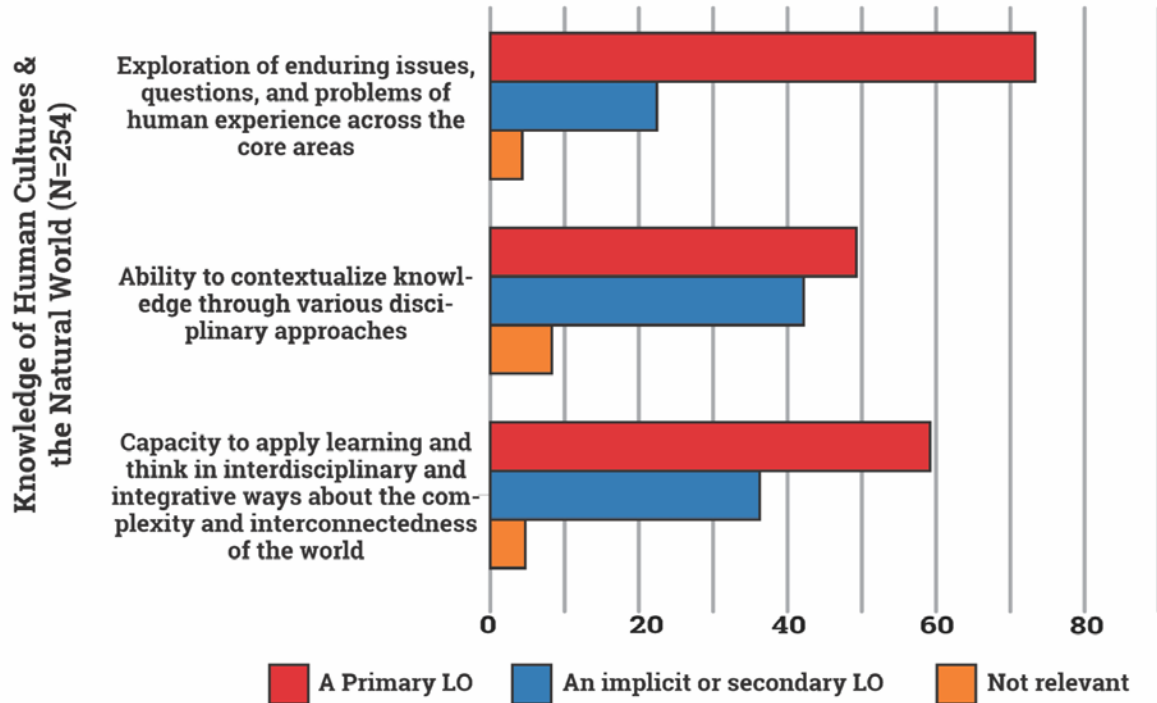
Percentage of courses where each GELO is a primary learning outcome in all courses and within each elective category.	ALL	GA Creative Arts	GE Engaging Difference	GG Global and International Perspectives	GH Humanities	GL Natural Sciences (lab)	GN Natural Sciences (non- lab)	GQ Quantitative Reasoning	GS Social and Behavioral Sciences	GW Wellness and Life-Long Learning
Quantitative Reasoning										
Explain information presented in mathematical forms (e.g., equations, graphs, diagrams, tables, words)	12.7	0.0	0.0	0.0	0.0	81.8	33.3	75.0	9.7	0.0
Convert relevant information into various mathematical forms (e.g., equations, graphs, diagrams, tables, words)	12.7	0.0	0.0	0.0	0.0	72.7	33.3	90.0	6.5	0.0
Efficiently and accurately carry out calculations to solve problems using appropriate tools and technology	13.6	0.0	0.0	0.0	0.0	77.3	40.0	90.0	9.7	0.0
Make judgments and draw appropriate conclusions based on the quantitative analysis of data	10.2	2.4	0.0	0.0	1.4	68.2	40.0	40.0	6.5	0.0
Support arguments with quantitative information in narrative and other appropriate forms	8.0	0.0	0.0	0.0	1.4	59.1	33.3	30.0	3.2	0.0

Percentage of courses where each GELO is a primary learning outcome in all courses and within each elective category.										
	ALL	GA Creative Arts	GE Engaging Difference	GG Global and International Perspectives	GH Humanities	GL Natural Sciences (lab)	GN Natural Sciences (non-lab)	GQ Quantitative Reasoning	GS Social and Behavioral Sciences	GW Wellness and Life-Long Learning
	Personal and Civic Responsibility									
Recognize and examine own values, perspectives and biases	30.2	34.1	74.3	29.3	37.7	4.5	13.3	0.0	25.8	12.1
Understand own roles and responsibilities as members of multiple diverse communities	25.3	36.6	74.3	19.0	24.6	4.5	6.7	0.0	19.4	15.2
Understand the impact of own actions on the community, the environment, and the world	18.8	19.5	54.3	5.2	21.7	18.2	33.3	0.0	12.9	9.1
Understand the cultures and diversity of the United States and other countries, both historical and contemporary	32.7	39.0	88.6	46.6	33.3	0.0	6.7	0.0	25.8	0.0
Recognize the existence and impact of discrepancies in power, privilege and access between individuals, groups and societies	26.5	26.8	91.4	24.1	26.1	0.0	13.3	0.0	29.0	0.0
Articulate and respect the multiple perspectives that arise from differing experiences	30.9	34.1	82.9	29.3	39.1	0.0	6.7	0.0	29.0	9.1
Interact effectively and conscientiously with diverse people in diverse contexts	19.8	9.8	68.6	32.8	13.0	0.0	6.7	0.0	16.1	6.1
Make informed ethical decisions that respect the social and environmental contexts	15.7	14.6	31.4	0.0	29.0	13.6	20.0	0.0	16.1	9.1

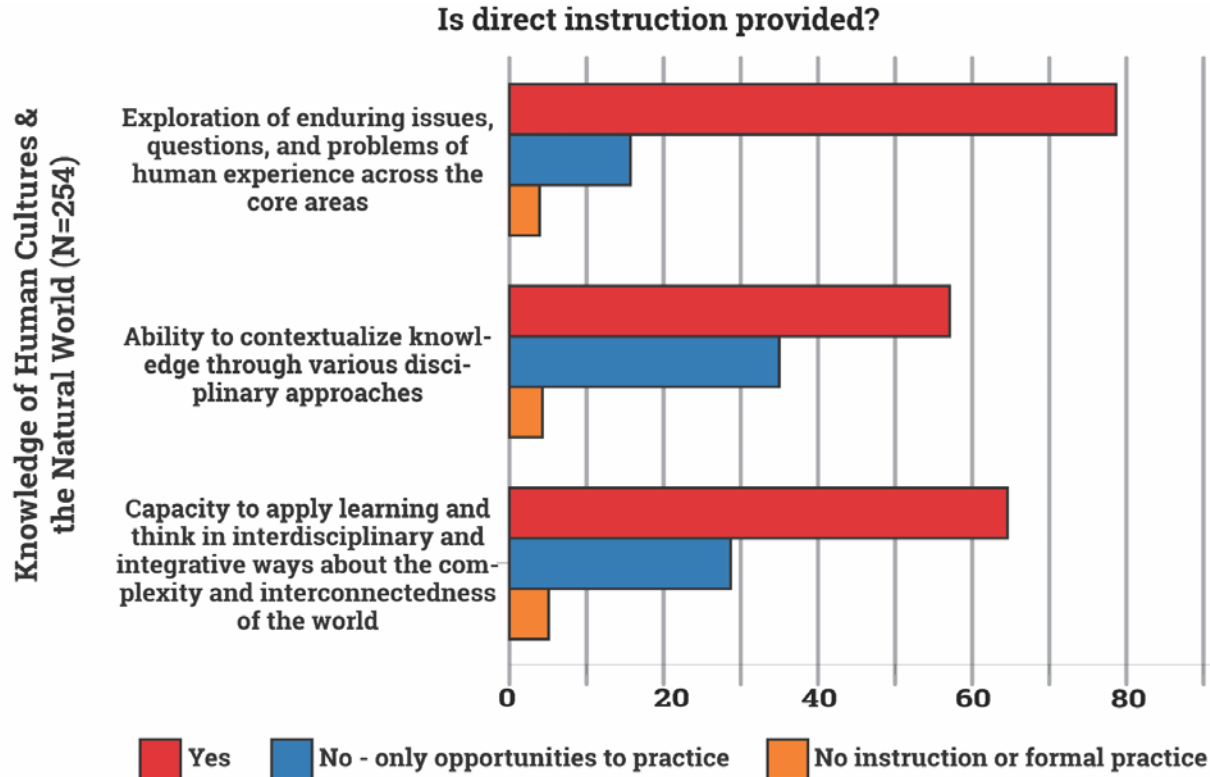
Percentage of courses where each GELO is a primary learning outcome in all courses and within each elective category.	ALL	GA Creative Arts	GE Engaging Difference	GG Global and International Perspectives	GH Humanities	GL Natural Sciences (lab)	GN Natural Sciences (non- lab)	GQ Quantitative Reasoning	GS Social and Behavioral Sciences	GW Wellness and Life-Long Learning
Foundations of Life-Long Learning										
Implement strategies and skills needed for collaborative and self-directed learning	24.1	73.2	14.3	13.8	23.2	31.8	0.0	15.0	12.9	15.2
Monitor and reflect on their own learning	17.9	56.1	17.1	1.7	21.7	9.1	6.7	0.0	16.1	15.2
Integrate, transfer and apply learning in new contexts	24.4	61.0	20.0	1.7	27.5	27.3	0.0	15.0	19.4	36.4
Recognize and apply the factors and habits that are essential for personal health and well-being	17.6	29.3	0.0	1.7	10.1	4.5	13.3	0.0	6.5	97.0

Additional Data

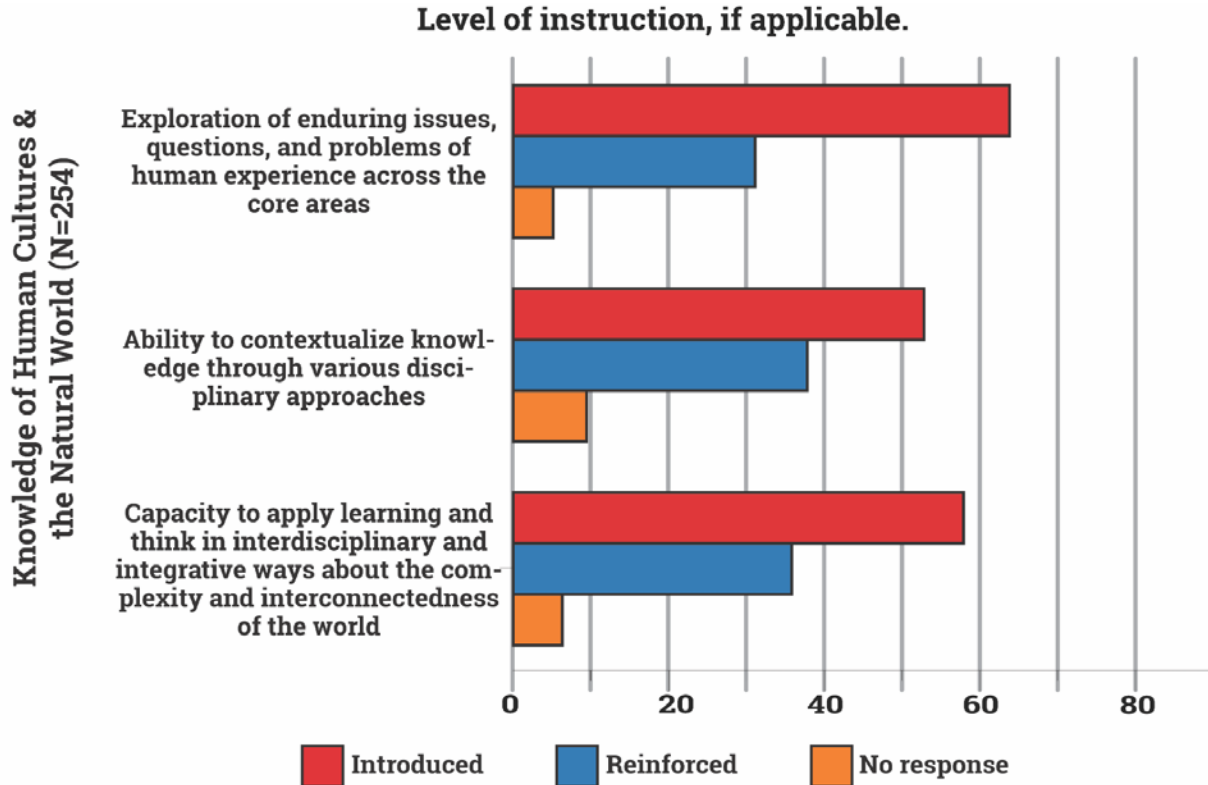
To what extent is this learning outcome (LO) addressed in the course?



Additional Data

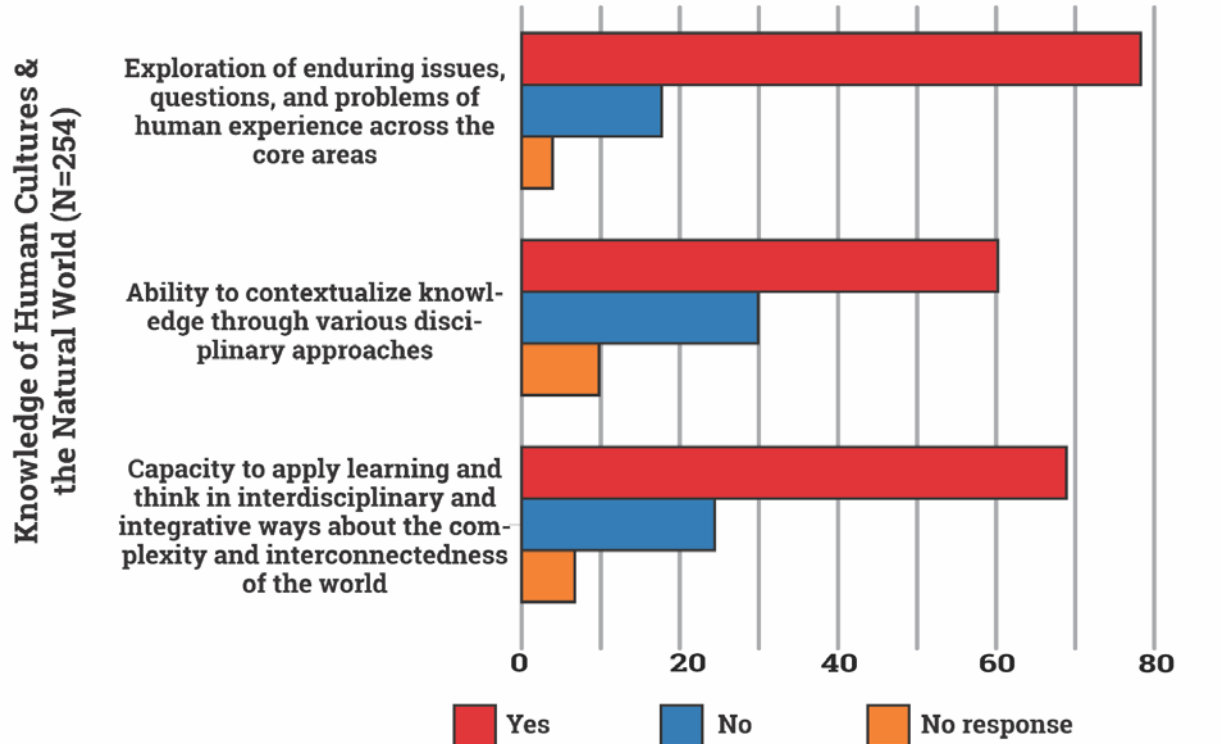


Additional Data



Additional Data

Is this outcome formally assessed (including feedback to students)?



University of Wisconsin
Whitewater

What do we do next?

- **How can we use these data to enhance our General Education program?**