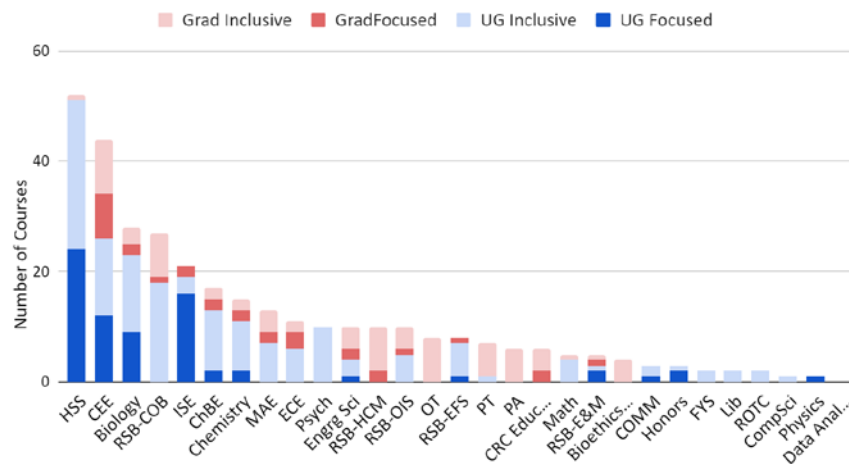


Clarkson Inventory of Sustainability across all classes that we teach – Draft results and call for review

The ISE inventories sustainability content in courses every 3-4 years for our AASHE STARS¹ sustainability reporting system. The current DRAFT inventory was compiled for classes taught FY20-22. Courses were identified as having sustainability content based on a mix of course descriptions, syllabi, and interviews with instructors and departmental experts. The complete listing is included in a [google spreadsheet](#) with view access. Any corrections, additions or subtractions would be welcome until February 3, 2023. Please email details of any changes to spowers@clarkson.edu.

Overall, 1112 classes were evaluated from all graduate and undergraduate degree programs. 30% of these were identified as having some level of sustainability content aligned with the UN Sustainable Development Goals (SDGs). The percentage at the undergraduate level (35%) was higher than at the graduate level (23%). The breakdown by department is shown in Figure 1. Of all of the programs, only one did not have any classes defined thus far with sustainability content (Applied Data Science).

Fig. 1. Sustainability Courses at Clarkson



To count as **sustainability-focused**, the course title or description must indicate a primary and explicit focus on sustainability. This includes:

- Foundational courses with a primary and explicit focus on sustainability (e.g., Introduction to Sustainability, Sustainable Development, Sustainability Science).
- Courses with a primary and explicit focus on the application of sustainability within a field (e.g., Architecture for Sustainability, Green Chemistry, Sustainable Agriculture, Sustainable Business). As sustainability is an interdisciplinary topic, such courses generally incorporate insights from multiple disciplines.
- Courses with a primary and explicit focus on a major sustainability challenge (e.g., Climate Change Science, Environmental Justice, Global Poverty and Development, Renewable Energy Policy). The focus of such courses might be on providing knowledge and understanding of the problems and/or the tools for solving them.

¹ Association for the Advancement of Sustainability in Higher Education Sustainability Tracking and Rating System

Courses that are not explicitly focused on sustainability may contribute towards scoring if sustainability has clearly been incorporated into course content. To count as **sustainability-inclusive**, the course description or rationale provided in the course inventory must indicate that the course incorporates a unit or module on sustainability or a sustainability challenge, includes one or more sustainability-focused activities, or integrates sustainability challenges, issues, and concepts throughout the course.

In our analysis - the UN SDGs are used to define significant Sustainability Challenges.

Your input on this [spreadsheet](#) is most welcome. The summary page defines the process and definitions, with an additional tab that provides all of the sub goals for the SDGs as a reference. Each department has their own separate tab for your review.