Honors Laureate: Collaborative Discovery
Focus Area Checksheet

Students pursuing the Honors Laureate: Collaborative Discovery focus area must complete at least thirty (30) honors credits across the Four Elements of an Honors Education following the guidelines below. Elements Two, Three, and Four each require at least six honors credits.

Students must register for a Studio+ module as detailed in E1 below in order to begin working within this focus area. For more information, contact Michelle Kovac, Calhoun Discovery Program Manager (mkovac@vt.edu).

The Four Elements are:

1. HONORS COLLEGE/CDP PATHWAYS CURRICULUM

This element requires twelve (12) credits as listed below. All twelve credits from the Studio+ and cross-skilling modules can also meet Pathways General Education requirements.

- [REQUIRED] Three 1-credit Studio+ modules (3 credits)
  - Module: Introduction to collaborative sociotechnical innovation for industry 4.0
  - Module: Collaborative design thinking for complex problem solving - a primer to team approaches to complexity
  - Module: An introductory, collaborative project in one of the six work cell themes of the Industry 4.0 for Sustainable Development Lab

  - NOTE: Students beginning work on this diploma in Spring 2021 will take UH 4984: Studio+ as a single 3-credit course.

- [REQUIRED] Nine 1-credit cross-skilling modules (9 credits)
  - These modules must not be aligned with your major. Meet with Michelle Kovac (mkovac@vt.edu) to determine which modules meet this requirement given your major.

2. DISCIPLINARY DEPTH

Plan at least six credits in this Element. Eligible courses are within the primary major, specifically listed on the primary major checksheet, or are approved to satisfy primary major requirements. Technical electives for the primary major count here. The ways to earn honors credit here are:

- Departmental Honors Course (e.g., MATH 2114H)
- Faculty—Student Agreement
- Independent Study
- Graduate-level course

If a course is not already a departmental honors “H”, an independent study, or a graduate-level course, the course must utilize a Faculty—Student Agreement.
3. CROSS-SKILLING CAPABILITIES

This element aligns with Element Three: Transdisciplinary Capabilities in the Honors College Credit Tracker. Plan at least six credits in this Element. Courses taken in this element must be outside of a student’s primary major. Secondary major and in-minor courses, however, are permissible. The ways to earn honors credit here are:

- Departmental Honors Course (e.g., MATH 2114H)
- Faculty—Student Agreement
- Independent Study
- Graduate-level course

*If a course is not already a departmental honors “H” course, an independent study, or a graduate-level course, the course must utilize a Faculty–Student Agreement.*

4. TRANSDISCIPLINARY UNDERGRADUATE RESEARCH & GUIDED EXPERIENTIAL LEARNING

This element aligns with Element Four: Undergraduate Research and Guided Experiential Learning in the Honors College Credit Tracker. Plan at least six credits in this element.

- [REQUIRED] Six (6) credits through enrollment in junior and senior CDP studio courses associated with the Industry 4.0 for Sustainable Development Lab work cells.
  - Completion of all three Studio+ modules is required in order to enroll in these courses.
  - These courses can be taken as part of technical electives and/or capstone credits in the major