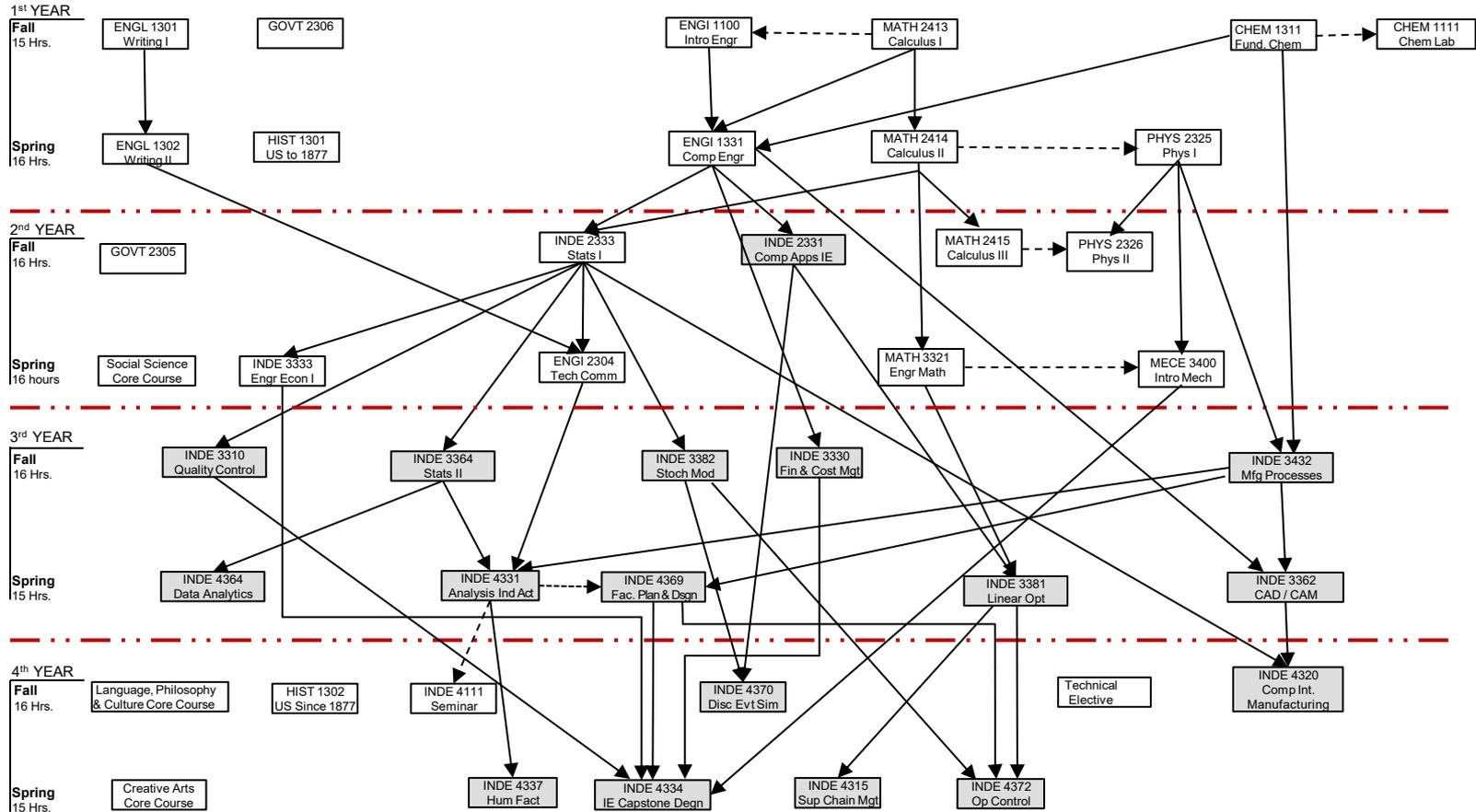
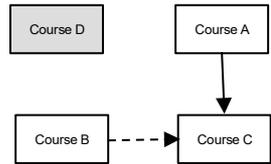


INDUSTRIAL ENGINEERING Undergraduate Degree Plan Flowchart

(Effective Fall 2025)



Course A is a prerequisite for C (solid line)
 Course B is a Co-requisite for C (dashed line)
 Course B may be taken earlier than C or concurrently with C
 Course D in **shaded box** is an IE course offered once a year and in the **respective Fall or Spring semester Only**



- 1. Approved Technical Elective Courses:**
 - MATH 2305 (Discrete Mathematics, formerly MATH 3336); MATH 3333 (Intermediate Analysis)
 - MANA 3335 (Introduction to Organizational Behavior and Management)
 - ECE 2201 (Circuit Analysis I); MECE 2334 (Thermodynamics); CHEE 2332 (Thermodynamics I for Chemical Engineering)
 - PHIL 1321 (Logic I); SYSE 4330 (Healthcare Systems Engineering)
- 2. All other technical elective courses are subject to approval by academic advisor.**

Note: This flowchart is for illustrative purposes only and that the UH Undergraduate Catalog at <http://www.uh.edu/catalog-undergraduate> should be consulted for definitive narrative course descriptions and requisites.