

Human Artifacts, Processes & Interactions (HAPI) Themes Guidelines

HAPI Theme. A *HAPI theme* is a *voluntary, named grouping of student-selected courses in substantially non-technical areas with a coherent subject, aim, or purpose.*

Purpose. The notion of a theme aims to provoke College of Engineering students to take their nontechnical coursework purposefully. Themes may be disciplinary or interdisciplinary, and the degree of coherency required should be broadly interpreted. Generally, coursework for the HAPI theme will be drawn from the 12 hours of general education humanities and social science courses, the 6 hours of “engineering” humanities and social science coursework, or from free elective hours.

9 hours or more. Less than 9 hours barely satisfies the ordinary English meaning of the term “theme.” Requiring more than 9 hours may cause difficulty for students in meeting their other Gen Ed requirements (6 hum + 6 SS + 1 Western + 1 NW). Certain themes may specify more than 9 hours as desired by the theme designer. 9 hours allows the resourceful student to have two HAPI themes, and the current popularity of double majors and the like suggests that this might be a popular option.

Voluntary. Currently, students are not required to have a HAPI theme, and the addition of HAPI themes will be entirely voluntary at the election of the student. Incoming iFoundry students will be expected to create a HAPI theme.

Student choice. The key notion behind themes is that students will embrace structure of their choosing. Experience has taught that students will make interesting and appropriate choices without excessive constraints or direction.

Expansion of Engineering Humanities and Social Science Courses. The addition of courses to the College of Engineering HSS list that are nontechnical and more applicable to an engineering career (law, leadership, emotional intelligence, etc.) is consistent the spirit of HAPI themes. The addition of these courses is being considered in another committee with the final decision to be made by the Associate Dean. The courses added and the HAPI themes that might use them will be part of the approval process.

Minimum Requirements. HAPI themes should meet at least one General Education Requirement and two College of Engineering Humanities/Social Science Requirements.

Current Proposed Themes :

Anthropology
Economics
Foreign Affairs
Philosophy
Philosophy and Ethics
The Power of Story
Understanding People

Possible Additional Themes:

Communication and Speech
Creativity
Entrepreneurship
Environmental Studies
History
Law, Policy, and Technology
Understanding Customers

Theme Approval and Advising

1. An initial set of themes is proposed and will be approved by iFoundry and by the Associate Dean's Office.
2. HAPI Theme Student Council and iFoundry student associates will provide coaching and informal advising to new students on the use of HAPI Themes. (This student group will be advised and guided by iFoundry staff.)
3. Many students will select a theme from the pre-approved list.
4. Students can propose a new theme.
5. HAPI Themes Student Council will help mentor and review new theme proposals, and can recommend that a student proposed theme be adopted and added to the formal list of themes.
6. Recommendations are given to iFoundry staff.
7. If all the guidelines are met and the courses are on the approved list, the theme will be added to the approved list.
8. If there are any exceptions and courses need to be approved, approval will be sought from the Associate Dean's Office and the theme will be processed once the approval is obtained.
9. Exceptions and more challenging questions will be channeled to the iFoundry staff initially.
10. As problems are resolved and the procedures become more routine HAPI themes will become available to all engineering students.