2018 - 2019 Minor Map
Human Systems Engineering

School/College: Ira A. Fulton Schools of Engineering
Location: Polytechnic campus

Program Requirements

The minor requires 21 credit hours. All required minor courses must be passed with a "C" (2.00 on a 4.00 scale) or better.

**Required Courses -- 18 credit hours**

HSE 101: Introduction to Human Systems Engineering (SB) (3)
HSE 225: Human Systems Integration (3)
HSE 230: Statistics for Human Systems Research I (CS) (3)
HSE 290: Experimental Methods for Human Systems Research (L) (3)
HSE 323: Perceptual Systems (SB) or HSE 324: Applied Cognitive Science (SB) (3)
HSE 325: Human-Computer Interaction (3)

**Elective Course -- 3 credit hours**

HSE 422: Human Factors in Sport (3)
HSE 423: Human Factors in Transportation (3)
HSE 424: Human Automation Interaction (3)
HSE 425: Human Factors in Medical Systems (3)
HSE 426: Training and Expertise (3)
HSE 427: Designing for Learning (3)
HSE 428: Judgment and Decision Making (3)
HSE 429: Product Design and Evaluation (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

To add the minor in human systems engineering, a student must be in junior status and have at least a 2.00 cumulative GPA.