

| Student A# | | | | Student Name (Last, First) | | | Offered: F=Fall S=Spr M=Sum | |
|---|--------------------------------|------------------|-----------|--|---|--|--------------------------------------|--|
| Semester, Transfer or AP | Grade | Course Number | Cr Hrs | Course Title | Prerequisites, Corequisites and/or Prerequisites with Concurrency | | | |
| English - 6 hours | | | | | | | | |
| | | EH 101 | 3 | College Writing I | Placement | | FSM* | |
| | | EH 102 | 3 | College Writing II | EH 101 | | FSM* | |
| Mathematics - 18 hours | | | | | | | | |
| | | MA 171 | 4 | Calculus A | MA 113 or Level III Placement | | FSM | |
| | | MA 172 | 4 | Calculus B | MA 171 | | FSM | |
| | | MA 201 | 4 | Calculus C | MA 172 | | FSM | |
| | | MA 238 | 3 | Applied Differential Equations | Prereq w/Con: MA 201 | | FSM | |
| | | MA 244 | 3 | Introduction to Linear Algebra | MA 172 | | FSM | |
| Chemistry - 4 hours | | | | | | | | |
| | | CH 121 | 3 | General Chemistry I | Plcmt or Prereq w/Con: MA 113 or higher, CH 125 | | FSM* | |
| | | CH 125 | 1 | General Chemistry Lab I | Prereq w/Con: CH 121 | | FSM* | |
| Physics - 8 hours | | | | | | | | |
| | | PH 111 | 3 | General Physics w/Calculus I | MA 171; Coreq: 114 | | FSM* | |
| | | PH 114 | 1 | General Physics Lab I | Prereq w/Con: PH 111 | | FSM* | |
| | | PH 112 | 3 | General Physics w/Calculus II | MA 172, PH 111, PH 114; Coreq: 115 | | FSM* | |
| | | PH 115 | 1 | General Physics Lab II | Coreq: PH 112 | | FSM* | |
| History, Social & Behavioral Sciences, Humanities & Fine Arts - 18 hours | | | | | | | | |
| | | | 3 | History | For more information on HSBS/HFA Requirements: http://www.uah.edu/eng/departments/ undergraduate-engineering/student-forms | | FSM* | |
| | | | 3 | Literature | | | FSM* | |
| | | | 3 | Fine Art | | | FSM* | |
| | | | 3 | Social & Behavioral Science | | | FSM* | |
| | | | 3 | Sequence Course (HY or EH) | | | FSM* | |
| | | | 3 | HSBS/HFA | | | FSM* | |
| Computer Science - 6 hours | | | | | | | | |
| | | CS 214 | 3 | Intro to Discrete Structures | MA 171, CPE 211 | | FSM* | |
| | | CS 317 | 3 | Design & Analysis of Algorithms | CS 214, CPE 212, MA 244 | | FSM* | |
| Engineering - 4 hours | | | | | | | | |
| | | FYE 101 | 1 | Charger Success: Engineering | None | | F | |
| | | EGR 101 | 3 | Computing for Engineers | Prereq w/Con: MA 113 | | FSM* | |
| | | EGR 299 | 0 | Engineering Mentoring I | EGR 101, Prereq w/Con: MA 201 | | FS | |
| | | EGR 399 | 0 | Engineering Mentoring II | EGR 299, CPE 212 | | FS | |
| ** | Class has required lab section | | | Computer Engineering - 53 hours | | | | |
| | | EE 202 | 3 | Intro to Digital Logic Design | EGR 101 | | FSM* | |
| ** | | CPE 211 | 3 | Intro to Computer Programming in Engineering | EGR 101, Prereq w/Con: MA 171; Coreq: CPE 211L | | FSM* | |
| | | CPE 212 | 3 | Fundamentals of Software Engineering | CPE 211 | | FS | |
| | | EE 213 | 3 | Electrical Circuit Analysis I | Prereq w/Con: PH 112, MA 201 | | FSM* | |
| | | CPE 221 | 3 | Computer Organization | CPE 211; Prereq w/Con: EE 202 | | FSM* | |
| | | EE 315 | 3 | Introduction to Electronic Analysis and Design | EE 213 | | FSM* | |
| | | EE 316 | 1 | Electronic Measurements & Devices Design Lab | Prereq w/Con: EE 315 | | FS | |
| | | CPE 322 | 3 | Digital Hardware Design Fundamentals | CPE 221; Prereq w/Con: EE 315; Coreq: CPE 324 | | S | |
| | | CPE 324 | 1 | Digital Hardware Design Lab | Coreq: CPE 322 | | S | |
| | | CPE 323 | 3 | Intro to Embedded Computer Systems | CPE 221; Coreq: CPE 325 | | FS | |
| | | CPE 325 | 1 | Emdedded Systems Lab | Coreq: CPE 323 | | FS | |
| | | CPE 348 | 3 | Introduction to Computer Networks | CPE 221 | | FS | |
| | | CPE 353 | 3 | Software Design & Engineering | CPE 212; Prereq w/Con: CS 317 | | F | |
| | | CPE 381 | 3 | Fundamentals of Signals & Sys for Comp Engrs | EE 213, MA 238 | | FS | |
| | | EE 384 | 1 | Digital Signal Processing Laboratory | CPE 381 or Prereq w/Con:EE 383 | | FS | |
| Select One | | EE 385 | 3 | Random Signals and Noise | CPE 381 or EE 382 | | FS | |
| | | I SE 390 | 3 | Probability & Engineering Statistics I | Prereq w/Con: MA 201 | | FSM* | |
| | | CPE 431 | 3 | Intro to Computer Architecture | CPE 322, CPE 323 | | F | |
| | | CPE 434 | 3 | Operating Systems | CPE 221, (CS 307 or CPE 353); Coreq: CPE 435 | | S | |
| | | CPE 435 | 1 | Operating Systems Lab | Coreq: CPE 434 | | S | |
| | | CPE 495 | 3 | Computer Engineering Design I | EE 315, CPE 323 CPE 322, EGR 399; Prereq w/Con: CPE 353 | | F | |
| | | CPE 496 | 3 | Computer Engineering Design II | CPE 495 | | S | |
| Computer Engineering Electives - 12 hours | | | | | | | | |
| | | | 3 | | 300+ Level course approved by advisor: list of Approved CPE Electives at http://www.uah.edu/eng/departments/undergraduate-engineering/student-forms | | | |
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All prerequisite classes must be completed with a "C-" or higher grade.
The Catalog is the final authority for all degree requirements.

Note: No ET courses may be used to satisfy degree requirements.
*Summer class offerings are subject to instructor availability