

Computer and Systems Engineering / Psychology Dual Major

| Freshman Year | | | | | |
|------------------------|---|---|------------------------|--|---|
| Fall Semester | | | Spring Semester | | |
| ENGR-1200 | Eng. Graphics and CAD | 1 | MATH-2800 | Intro to Discrete Structures | 4 |
| ENGR-1100 | Intro. to Engineering Analysis | 4 | ENGR-1310 | Intro. to Eng. Electronics or Eng. Processes | 1 |
| MATH-1010 | Calculus I | 4 | MATH-1020 | Calculus II | 4 |
| CSCI-1100 | Computer Science I | 4 | CSCI-1200 | Computer Science II | 4 |
| IHSS-1964 | Minds & Machines | 4 | PSYC-1200 | General Psychology | 4 |
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| Sophomore Year | | | | | |
| Fall Semester | | | Spring Semester | | |
| ENGR-2350 | Embedded Control | 4 | ECSE-2660 | Comp. Arch, Networks, and Op. Sys. | 4 |
| ECSE-2610 | Comp. Comp. and Op. | 4 | MATH-2400 | Intro. to Diff. Eq. | 4 |
| CSCI-2300 | Data Structures & Algorithms | 4 | PHYS-1200 | Physics II | 4 |
| PHYS-1100 | Physics I | 4 | CHEM-1100 | Chemistry I | 4 |
| | Humanities Elective | 4 | PSYC-2310 | Experimental Methods & Statistics | 4 |
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| Junior Year | | | | | |
| Fall Semester | | | Spring Semester | | |
| ENGR-2050 | Intro to Engineering Design | 4 | ECSE-2410 | Signals and Systems | 4 |
| ECSE-2010 | Electric Circuits | 4 | | Software Engineering Elective ² | 4 |
| | Multidisciplinary Elective ² | 4 | PSYC-4310 | Advanced Exper Meth & Stats | 4 |
| PSYC-4370 PSYC-4410 | Cognitive Psychology or Sensation and Perception | 4 | | Psychology Elective ¹ | 4 |
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| Senior Year | | | | | |
| Fall Semester | | | Spring Semester | | |
| | Professional Development II ² | 2 | | Professional Development III | 1 |
| ECSE-4500 | Probability for Eng. Appl. | 4 | | Design Elective ² | 3 |
| | Concentration Elective ² | 3 | | Restricted Elective ² | 3 |
| | Psychology Elective ¹ | 4 | | Concentration Elective ² | 3 |
| | Psychology Elective ¹ | 4 | PSYC-4990 | Senior Thesis | 4 |

¹Recommended Psychology Electives can be found on the Minds & Machines web pages

²Details on these electives can be found on the ECSE web pages