# Bioengineering B.S. Degree: Assistive Technology (Cognitive/Perceptual)
## 2016-2017 Curriculum Chart

## Math & Statistics
- AMS 3 or MATH 3 or MATH 11A or AMS 19A
- AMS 7/L Biostatistics [F/W/Sp]
- MATH 3 or AMS 3 or math placement of 400 or higher
- MATH 19A Calculus [F/W/Sp]
- MATH 19A MATH 19B Calculus [F/W/Sp]

## Physics & Electronics
- MATH 19A MATH 19B Calculus [F/W/Sp]
- MATH 19B or 20B, PHYS 5A/L PHYS 5B/M* Intro to Physics II [W]
- MATH 19B or 20A, PHYS 5A/L, MATH 19A or 20A Coreq; MATH 19B or 20B PHYS 5B/M" Intro to Physics II [W]
- PHYS 5A/L, MATH 19A or 20A PHYS 5A/L PHYS 5B/M* Intro to Physics III [Sp]
- PHYS 5A/L, MATH 19A or 20A PHYS 5A/L PHYS 5B/M* Intro to Physics I [F/W]

## Computer Science
- MATH 3 or 11A or 19A or AMS 3, or math placement of 400 or higher
- CMPS 12A/L1 Intro to Programming [F/W]
- CMPS 11 or 12A or CMPE 13 CMPS 12B/M Intro to Data Structures [F/W/Sp]
- CMPS 12B or 13H CMPS 109 Advanced Programming [F/W/Sp]
- CMPS 12B or 13H CMPS 131 Human Computer Interaction [W]
- CMPS 12B CMPE 131 Mobile Sensing & Interaction [Sp]
- CMPS 12B CMPE 131 User Experience for Interactive Media [W]

## Psychology
- PSYC 20A Cognition [F/W]
- PSYC 30 Research Methods [F/W/Sp]

## Psychology Elective 1*

## Psychology Elective 2*

## Biology
- CHEM 1A
- BIOL 20A Cell & Molecular Biology [F/W/Sp]
- BIO 20A Developmental Biology [F/W/Sp]

## Chemistry
- CHEM 1A General Chemistry [F/W/Sp]

## Notes:
- Denotes prerequisites and corequisites.
- Courses in which you receive a grade of C-, D+, D, or D- earn credit toward graduation, but cannot be used to satisfy a major requirement or a general education requirement, and cannot satisfy a prerequisite for another course.
- The School of Engineering has different major declaration deadlines than the UCSC Academic/Administrative calendar. Our deadlines and process can be found on: [http://ua.soe.ucsc.edu/declare](http://ua.soe.ucsc.edu/declare)
- CMPS 5P Intro. to Prog. in Python is recommended for students who have never programmed

Information about the prerequisites and scheduling of courses can change without notice—please check your plan each quarter and adjust for any changes.
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**Bioengineering Electives Approval Form**

Elective 1: ___________________________________

Elective 2: ___________________________________

Elective 3: ___________________________________

Explanation for choice of electives:

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Student Name: 
Staff Advisor: 
Faculty Advisor: