## Bioengineering B.S. Degree: Assistive Technology (Cognitive/Perceptual) 2014-2015 Curriculum Chart DRAFT

### Math & Statistics
- **MATH 3 or 11A or 19A**
- **AMS 7/L**
  - Biostatistics
  - [F / W / Sp]
- **MATH 19A**
  - Calculus
  - [F / W / Sp]
- **MATH 19B**
  - Calculus
  - [F / W / Sp]
- **MATH 23A**
  - Vector Calculus
  - [F / W / Sp]
- **MATH 23B**
  - Vector Calculus
  - [F / W / Sp]
- **MATH 11B or MATH 19B**
  - **AMS 131**
  - Intro to Probability Theory
  - [F ]

### Computer Science
- **MATH 3 or 11A or 19A**
  - **CMPS 12AL**
  - Intro to Programming
  - [F / W / Sp]
- **CMPS 11 or 12AL or CMPE 13L**
  - **CMPS 12B/M**
  - Intro to Data Structures
  - [F / W / Sp]
- **CMPS 12B/M or 13H*L**
  - **CMPS 109**
  - Advanced Programming
  - [W / Sp]
- **CMPS 12B/M or 13H*L**
  - **CMPS 131**
  - Human-Computer Interaction
  - [W ]
  - **CMPS 161**
  - Mobile Sensing & Interaction
  - [W ]

### Design Project OR Senior Thesis
- **CMPE/EE 129A**
  - Capstone Project I
  - [F ]
- **CMPE/EE 129B**
  - Capstone Project II
  - [W ]
- **CMPE/EE 129C**
  - Capstone Project III
  - [Sp]

### Psychology Electives
- **CMPS 80A**
  - Universal Access
  - [F / Sp ]
- **PSYC 20A**
  - Cognition
  - [F / Sp ]
- **PSYC 100**
  - Psychology Research Methods
  - [F / W / Sp ]

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

### Biology
- **BIO 1A**
  - Cell & Molecular Biology
  - [F / W / Sp]
- **BIO 20A**
  - Development & Physiology
  - [F / W / Sp]

### Notes:
- Denotes prerequisites and corequisites.
- Choice of electives will need faculty approval (see back).

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 Information

Student Name: __________________________

Staff Advisor: __________________________

Faculty Advisor: ________________________