

# Sample Four-Year Program

(Total minimum units required for degree is 120)

## FRESHMAN YEAR: 28 units

| <u>Fall</u> | <u>Units</u> | <u>Spring</u>      | <u>Units</u> |
|-------------|--------------|--------------------|--------------|
| Math 30     | 3            | Math 31            | 4            |
| Chem 1A     | 5            | Phys 50            | 4            |
| Engr 10*    | 3            | Oral Communication | 3            |
| Engr 1A     | <u>3</u>     | Engr 1B            | <u>3</u>     |
|             | 14           |                    | 14           |

## SOPHOMORE YEAR: 30 units

| <u>Fall</u>         | <u>Units</u> | <u>Spring</u>       | <u>Units</u> |
|---------------------|--------------|---------------------|--------------|
| Math 32             | 3            | MatE 25             | 3            |
| Phys 51             | 4            | ME 20               | 2            |
| American Studies 1A | 6            | Math 123            | 3            |
| CmpE 30             | <u>3</u>     | American Studies 1B | <u>6</u>     |
|                     | 16           |                     | 14           |

Passing Writing Skills Test (WST) is required before taking Engr 100W

## JUNIOR YEAR: 30 units

| <u>Fall</u>                 | <u>Units</u> | <u>Spring</u>               | <u>Units</u> |
|-----------------------------|--------------|-----------------------------|--------------|
| ISE 102                     | 3            | ISE 131                     | 3            |
| Approved Technical Elective | 3            | ISE 120                     | 3            |
| ISE 130                     | 3            | ISE 142                     | 3            |
| Engr 100W                   | 3            | ISE 105                     | 3            |
| ISE 151                     | <u>3</u>     | Approved Technical Elective | <u>3</u>     |
|                             | 15           |                             | 15           |

All ISE senior courses require the completion of Engr 100W and Major Form on file

## SENIOR YEAR: 32 units

| <u>Fall</u>    | <u>Units</u> | <u>Spring</u>  | <u>Units</u> |
|----------------|--------------|----------------|--------------|
| CmpE 131       | 3            | ISE 115        | 3            |
| ISE 135        | 3            | ISE 155        | 3            |
| ISE 140        | 3            | ISE 195B       | 3            |
| ISE 167        | 3            | GE Area S or V | 3            |
| ISE 195A       | 1            | ISE170         | 3            |
| GE Area S or V | <u>3</u>     | ISE 194        | <u>1</u>     |
|                | 16           |                | 16           |

\* Transfer upper-division students may substitute an engineering science course for Engr 10.