**Academic Roadmap**

Department of Engineering

BS in Computer Engineering

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **YEAR 1 (0 – UNITS)** | **FALL** | **UNITS** | **WINTER** | **UNITS** | **SPRING** | **UNITS** | **NOTES** |
|  |  | CS 1160 (4) | 4 | ENGR 2070 (4) | 4 |  |
| **B1** CHEM 1101 (5) | 5 | MATH 1305 (4) | 4 | MATH 2304 (4) | 4 |
| **B4** MATH 1304 (4) | 4 | **B3** ENGR 1011 (3) | 3 | **B2** PSYC 1000 (5) | 5 |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| TOTAL UNITS |  | TOTAL UNITS | 16.5 | TOTAL UNITS | 18.5 |
| TOTAL UNITS FOR YEAR | 51 | TOTAL UNITS |  |  |  |
|  | | | | |  |

Year 1 (0 – units)

You should . . .

Complete your Freshman Cluster Classes

and consider . . .

Attend a noon music recital

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Year 2 (units)** | **FALL** | **UNITS** | **WINTER** | **UNITS** | **SPRING** | **UNITS** | **NOTES** |
| MATH 2150 (4) | 4 | **B5** ENGR 2060 (4) | 4 | cs 2430 (4) | 4 |  |
| PHYS 1001 (5) | 5 | PHYS 1002 (5) | 5 | PHYS 1003 (5) | 5 |
| ENGR 2010 (3) | 3 | ENGR 1420 (2) | 2 | MATH 2101 (4) | 4 |
|  |  |  |  |  |  |
| **D1** ECON 2301(4) | 4 |  |  |  |  |
| TOTAL UNITS |  | TOTAL UNITS |  | TOTAL UNITS |  |
| TOTAL UNITS FOR YEAR | | | | |  |

and consider . . .

Attend “Strictly Sophomores”

Explore student organizations

Explore leadership opportunities

Year 2 (units)

You should . . .

Complete areas A1-A4

Complete lower division GE requirements

Complete English 1002

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **YEAR 3 (UNITS)** | **FALL** | **UNITS** | **WINTER** | **UNITS** | **SPRING** | **UNITS** | **NOTES** |
| MATH 3331 (4) | 4 | ENGR 3101 (4) | 4 | CS 3434 (4) | 4 |  |
| CS 3240 (4) | 4 | ENGR 3010 (4) | 4 | CS/ENGR 3752 (4) | 4 |
| CS 3120 (4) | 4 | CS 3430 (4) | 4 | CS 4432 (4) | 4 |
| STAT/ENGR 3601 (4) | 4 | CS 3432 (4) | 4 |  |  |
|  |  |  |  |  |  |
| TOTAL UNITS |  | TOTAL UNITS |  | TOTAL UNITS |  |
| TOTAL UNITS FOR YEAR | | | | |  |

Year 3 (units)

You should . . .

Take the Writing Skills Test in fall quarter

Enroll in ENGL 3000 if needed

Complete at least one upper division GE requirement

and consider . . .

Attend the Graduate School Fair

Seek leadership opportunities in a club or student government

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **YEAR 4 (UNITS)** | **FALL** | **UNITS** | **WINTER** | **UNITS** | **SPRING** | **UNITS** | **NOTES** |
| cs 4435 (4) | 4 | ENGR/CS Elective (4) | 4 | ENGR/CS Elective (4) | 4 |  |
| Elective (4) | 4 | ENGR 4610 (3) | 3 | ENGR 4620 (3) | 3 |
| D4 ENGR/ECON 3140 (4) | 4 | cs 4560 (4) | 4 | cs 3590 (4) | 4 |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| TOTAL UNITS |  | TOTAL UNITS |  | TOTAL UNITS |  |
| TOTAL UNITS FOR YEAR | | | | |  |

You should . . .

File for graduation

Complete upper division GE requirements

and consider . . .

Attend a Career Fair

Attend the Graduate School Fair

Conduct information interviews in your field

Year 4 (units)

|  |  |  |
| --- | --- | --- |
| **TOTAL UNITS ON PLAN** |  |  |
| MAJOR UNITS | 138 |
| FRESHMAN CLUSTER UNITS |  |
| GENERAL EDUCATION UNITS |  |
| RESTRICTED ELECTIVE UNITS | 8 |