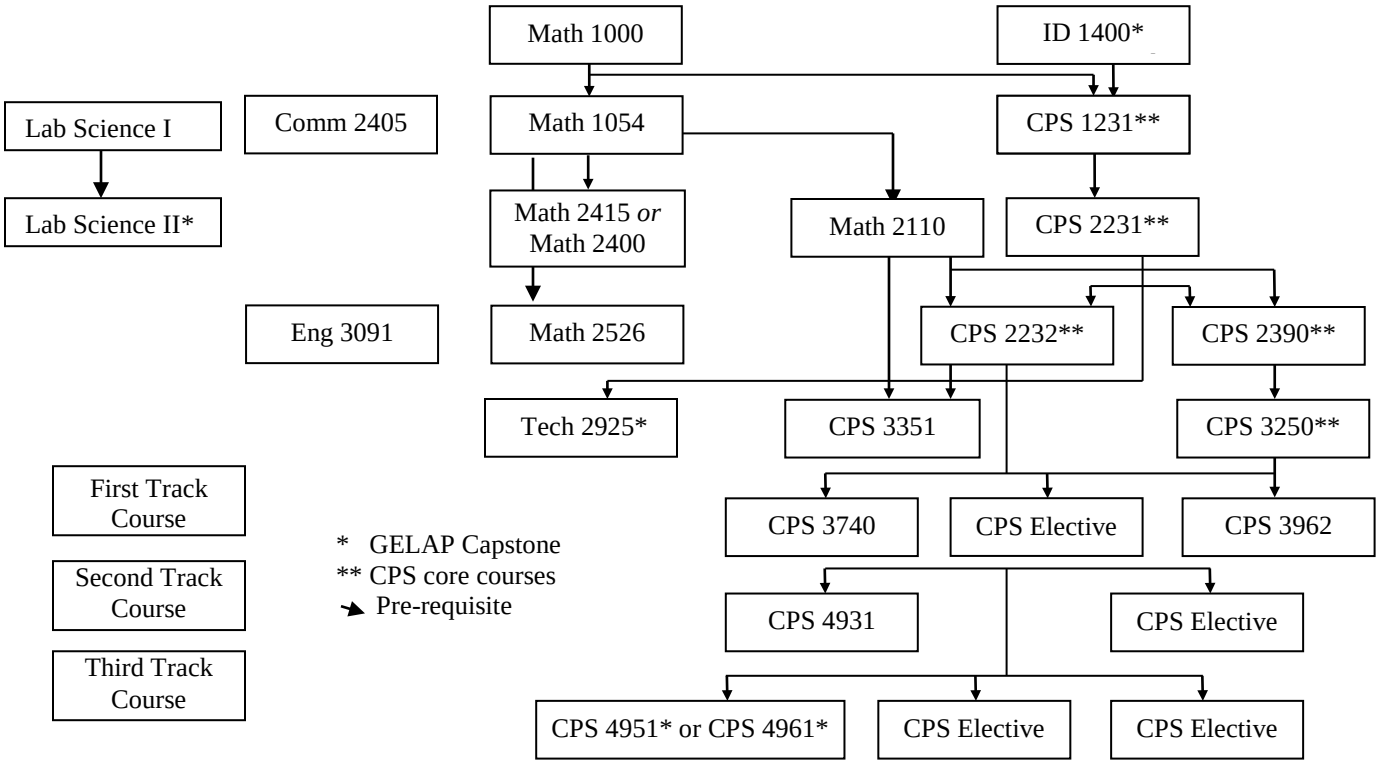
***Recommended Course Sequence for Computer Science (Information Systems Option)***




**1st Yr:** ***Fall Semester***

| | | |
|---|---|---|
| ID | 1400* Information Tech Fndns. | 3 Cr. |
| Math | 1000 College Algebra | 3 Cr. |
| Eng | 1030 College Composition | 3 Cr. |
| Comm | 1402 Speech Communication | 3 Cr. |

*Recommended if Math 1000 needed

***Spring Semester***

| | | |
|---|---|---|
| CPS | 1231 Fund Comp Science | 4 Cr. |
| Math | 1054 Precalculus | 3 Cr. |
| Comm | 2405 Public Speaking | 3 Cr. |
| | Lab Science I | 4 Cr. |

**2nd Yr:** ***Fall Semester***

| | | |
|---|---|---|
| CPS | 2231 Comp Org & Prog | 4 Cr. |
| Math | 2110 Discrete Structures | 3 Cr. |
| Math | 2415 Calculus I | 4 Cr. |
| | Lab Science II** | 4 Cr. |

***Spring Semester***

| | | |
|---|---|---|
| CPS | 2232 Data Structures | 4 Cr. |
| CPS | 2390 Org & Architecture | 3 Cr. |
| Math | 2526 Applied Statistics | 3 Cr. |
| Eng | 3091 Technical Writing | 3 Cr. |

**3rd Yr:** ***Fall Semester***

| | | |
|---|---|---|
| First Course from Selected Track | | 3 Cr. |
| CPS | 3250 Operating Systems | 3 Cr. |
| CPS | 3351 Info Systems Prog | 3 Cr. |
| Tech | 2925 Web Client Prog* | (3 Cr.) |

***Spring Semester***

| | | |
|---|---|---|
| Second Course from Selected Track | | 3 Cr. |
| CPS | 3740 Database Management | 3 Cr. |
| CPS | 3962 Object Oriented Analysis | 3 Cr. |
| CPS | Elective | 3 Cr. |

**4th Yr:** ***Fall Semester***

| | | |
|---|---|---|
| Third Course from Selected Track | | 3 Cr. |
| CPS | 4931 Distributed Systems | 3 Cr. |
| CPS | Elective± | 3 Cr. |

***Spring Semester***

| | | |
|---|---|---|
| CPS | 4951 Senior Capstone *or* | |
| CPS | 4961 Senior Research | 3 Cr. |
| CPS | Elective | 3 Cr. |
| CPS | Elective | 3 Cr. |

** Either Lab Science II (4 Cr) *or* Tech 2925 Web Client Programming (3 Cr) is required.

±The B.S.C.S.(IS option) includes four computer science electives.

**In order to graduate in 8 semesters, 15 credits are needed each semester.**