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| **Computer Science Core (33 credits)** | **Prerequisites** |
| COMP 228 | COMP 248: MATH 203: MATH 204 |
| COMP 232 | MATH 203: MATH 204 |
| COMP 233 | MATH 205 |
| COMP 248 | MATH 204 |
| COMP 249 | COMP 248: MATH 203: MATH 205 |
| COMP 335 | COMP 232: COMP 249 |
| COMP 346 | COMP 352: COMP 228 |
| COMP 348 | COMP 249 |
| COMP 352 | COMP 232: COMP 249 |
| COMP 354 | COMP 352: ENCS 282 |

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| **Software (44.5 credits)**  **Engineering Core** | **Prerequisites** |
| SOEN 228 | COMP 248: MATH 203: MATH 204 |
| SOEN 287 | COMP 248 |
| SOEN 321 | COMP 346 |
| SOEN 331 | COMP 232: COMP 249 |
| SOEN 341 | COMP 352: ENCS 282 |
| SOEN 342 | SOEN 341 |
| SOEN 343 | SOEN 341: SOEN 342 (Previously or concurrently) |
| SOEN 344 | SOEN 343 |
| SOEN 345 | SOEN 343(Previously or concurrently) |
| SOEN 357 | SOEN 341 |
| SOEN 384 | ENCS 282: SOEN 341 |
| SOEN 385 | ENGR 213: ENGR 233 |
| SOEN 390 | SOEN 344: SOEN 357(Previously or concurrently) |
| SOEN 490 | SOEN 390 |

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| Engineering Core (27.5 credits) | Engineering Core |
| ELEC 275 | PHYS 205 |
| ENCS 282 | ENCS 272 or EWT TEST WITH C- |
| ENGR 201 |  |
| ENGR 202 |  |
| ENGR 213 | MATH 204: MATH 205 |
| ENGR 233 | MATH 204: MATH 205 |
| ENGR 301 |  |
| ENGR 371 | ENGR 213: ENGR 233 |
| ENGR 391 | ENGR 213: ENGR 233: COMP 248 |
| ENGR 392 | ENGR 201: ENGR 202: ENCS 282 |

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| General Electives | Prerequisites |
| ARTH 353 |  |
| ARTH 354 |  |
| COMS 360 |  |
| ENGL 224 |  |
| ENGL 233 |  |
| FLIT 230 |  |
| FLIT 240 |  |
| FMST 214 |  |
| FMST 215 |  |
| HIST 202 |  |
| HIST 205 |  |
| HIST 281 |  |
| HIST 283 |  |
| LBCL 201 |  |
| LBCL 202 |  |
| LBCL 203 |  |
| LBCL 204 |  |
| PHIL 201 |  |
| PHIL 210 |  |
| PHIL 232 |  |
| PHIL 233 |  |
| PHIL 235 |  |
| PHIL 275 |  |
| PHIL 330 |  |
| THEO 202 |  |
| THEO 204 |  |
| THEO 233 |  |
| ANTH 202 |  |
| ECON 201 |  |
| ECON 203 |  |
| EDUC 230 |  |
| ENCS 483 |  |
| ENCS 484 |  |
| GEOG 203 |  |
| GEOG 204 |  |
| GEOG 210 |  |
| GEOG 220 |  |
| INST 250 |  |
| LING 222 |  |
| LING 300 |  |
| POLI 202 |  |
| POLI 213 |  |
| RELI 214 |  |
| RELI 215 |  |
| RELI 216 |  |
| RELI 310 |  |
| RELI 312 |  |
| RELI 374 |  |
| SCPA 201 |  |
| SCPA 215 |  |
| SOCI 203 |  |
| URBS 230 |  |
| WSDB 290 |  |
| WSDB 291 |  |
| ADMI 201 |  |
| ADMI 202 |  |
| MANA 201 |  |
| MANA 202 |  |
| MANA 300 |  |
| MARK 201 |  |

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| **Basic and Natural Science Courses** | **Prerequisites** |
| BIOL 206\* |  |
| BIOL 261\* | CHEM 205: CHEM 206: BIOL 201 |
| CHEM 217\* | CHEM 205: CHEM 206: PHYS 204: PHYS 206: PHYS 224: PHYS 226: MATH 203:MATH 205 |
| CHEM 221\* | CHEM 205: CHEM 206 |
| CIVI 231 |  |
| ELEC 321 | ENGR 213: CHEM 205 |
| ENGR 242 | PHYS 204: MATH 204: ENGR 213 |
| ENGR 243 | ENGR 242: ENGR 213 |
| ENGR 251 | MATH 203 |
| ENGR 361 | ENGR 213: ENGR 233: ENGR 251 |
| MECH 221\* | CHEM 205 |
| PHYS 252\* | PHYS 206 |
| PHYS 284\* |  |
| PHYS 385\* | PHYS 284 |

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| **Computer Games (CG) Option** | **Prerequisites** |
| COMP 345 | COMP 352 |
| COMP 371\* | COMP 232: COMP 352 |
| COMP 376\* | COMP 371 |
| COMP 472 | COMP 352 |
| COMP 476\*\* | COMP 361 or ENGR 391: COMP 376 |
| COMP 477\*\* | COMP 361 or ENGR 391: COMP 371 |

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| **Web Services and Applications (WSA) Option** | **Prerequisites** |
| COMP 353\* | COMP 232: COMP 352 |
| COMP 445 | COMP 346 |
| COMP 479\*\* | COMP 233 or ENGR 371: COMP 352 |
| SOEN 387\* | COMP 353 (Previously or concurrently): COMP 354 or SOEN 341: SOEN 287 |
| SOEN 487\*\* | SOEN 387(Previously or concurrently) |

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| **Real-Time, Embedded, and Avionics Software (REA) Option** | **Prerequisites** |
| AERO 480\*\* | AERO 371 or ELEC 372 or MECH 371: SOEN 385 |
| AERO 482\*\* | SOEN 385:ENGR 371 or COMP 233:ELEC 372 or MECH 371 |
| COEN 320 | COMP 346 |
| COMP 345 | COMP 352 |
| COMP 444 | COMP 346 |
| SOEN 422\* | COMP 346 |
| SOEN 423\* | COMP 346 |

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| **Electives** | **Prerequisites** |
| COMP 345 | COMP 352 |
| COMP 353 | COMP 232: COMP 352 |
| COMP 371 | COMP 232: COMP 352 |
| COMP 426 | COMP 346 |
| COMP 428 | COMP 346 |
| COMP 442 | SOEN 228: COMP 335:COMP 352 |
| COMP 445 | COMP 346 |
| COMP 451 | COMP 353 |
| COMP 465 | COMP 232: COMP 339:COMP 352 |
| COMP 472 | COMP 352 |
| COMP 473 | COMP 352 |
| COMP 474 | COMP 352 |
| COMP 478 | COMP 352 |
| COMP 479 | COMP 233 or ENGR 391: COMP 352 |
| SOEN 298 |  |
| SOEN 422 | COMP 346 |
| SOEN 423 | COMP 346 |
| SOEN 448 | SOEN 342: SOEN 343: SOEN 344 |
| SOEN 491 | PERMISSION SUPERVISOR |
| ENGR 411 | ENCS 282 |