

# Computer Science

| Physical Science (all catalogs)      |  |
|--------------------------------------|--|
| CHEM 105<br>CHEM 106                 | two-semester sequence is required; any specified set of chemistry, physics, or geology classes suffice |
| PH 121 & 150<br>PH 220 & 250         |  |
| GEOL 111 & 111L<br>GEOL 112 & 112L   |  |
| Biological Science (pre-Foundations) |  |
| BIO 150 & 150L                       | any of the specified biology classes satisfy this requirement  |
| BIO 176                              |  |
| BIO 208                              |  |
| BIO 221 & 222                        |  |
| BIO 250                              |  |
| BIO 200                              | accepted but not recommended   |
| Mathematics (all catalogs)           |  |
| MATH 110 or<br>FDMAT 110             | can be waived; vertical credit not required  |
| MATH 111 or<br>FDMAT 111             |  |
| MATH 112 or<br>FDMAT 112             | MATH 119 can be substituted but not encouraged   |
| MATH 113                             | one required, not both   |
| MATH 341                             |  |
| Reading and Writing                  |  |
| ENG 316 or<br>ENG 316C               | no substitutions   |

# Computer Science

## 2004-2005

| Required         | Substitutions  |
|------------------|--|
| COMPE 224        | ECE 224  |
| COMPE 324        | ECE 324  |
| CS 124           |  |
| CS 165           |  |
| CS 203<br>CS 303 | CS 202   |
| CS 235           |  |
| CS 236           | CS 237 and CS 238  |
| CS 306           |  |
| CS 345           |  |
| CS 346           | CS 246   |
| CS 371           |  |
| CS 373           | CS 213   |
| CS 398<br>CS 498 | CS 498R  |
| CS 399           | CS 308   |
| CS 426<br>CS 427 | CS 364, CS 416, and CS 432   |
| CS 452           | CIT 320 or IS 320  |
| CS 460           |  |
| CS 490           | one of<br>– COMPE 360<br>– CS 313<br>– CS 470<br>– CS 480<br>– CS 490<br><small>cannot use CS 313 if CS 373 has been completed</small> |
| CS 499           |  |
| MATH 221         | MATH 321 or<br>FDMAT 224   |

# Computer Science

## 2005-2006

| Required  | Substitutions  |
|---|--|
| COMPE 224   | ECE 224  |
| COMPE 324   | ECE 324  |
| CS 124  |  |
| CS 165  |  |
| CS 203<br>CS 303  | CS 202   |
| CS 235  |  |
| CS 236  | CS 237 and CS 238  |
| CS 246  |  |
| CS 306  |  |
| CS 345  |  |
| CS 371  |  |
| CS 373  | CS 213   |
| CS 398<br>CS 498R   |  |
| CS 399  | CS 308   |
| CS 426<br>CS 427  | CS 364, CS 416, and<br>CS 432  |
| CS 499  |  |
| three of<br>– COMPE 360<br>– CS 452<br>– CS 460<br>– CS 470<br>– CS 480 | can also choose from<br>– CIT 320 or IS 320<br>– CS 313<br>– CS 490<br>cannot use CS 313 if CS 373 has<br>been completed |
| MATH 221  | MATH 321 or<br>FDMAT 224   |

# Computer Science

## 2006-2007

| Required  | Substitutions   |
|---|---|
| ECE 224   | COMPE 224   |
| ECE 324   | COMPE 324   |
| CS 124  |   |
| CS 165  |   |
| CS 202  |   |
| CS 235  |   |
| CS 236  | CS 237 and CS 238   |
| CS 246  |   |
| CS 306  |   |
| CS 345  |   |
| CS 371  |   |
| CS 373  | CS 213  |
| CS 398<br>CS 498R   |   |
| CS 399  | CS 308  |
| CS 426<br>CS 427  | CS 364, CS 416, and<br>CS 432   |
| CS 499  |   |
| three of<br>– ECE 360<br>– CS 452<br>– CS 460<br>– CS 470<br>– CS 480 | can also choose from<br>– COMPE 360<br>– CIT 320 or IS 320<br>– CS 313<br>– CS 490<br>cannot use CS 313 if CS 373 has<br>been completed |
| MATH 221  | MATH 321 or<br>FDMAT 224  |

# Computer Science

## 2007-2008

| Required   | Substitutions   |
|--|---|
| COMPE 224  | ECE 224   |
| COMPE 324  | ECE 324   |
| CS 124   |   |
| CS 165   |   |
| CS 202   |   |
| CS 235   |   |
| CS 236   | CS 237 and CS 238   |
| CS 246   |   |
| CS 306   |   |
| CS 345   |   |
| CS 371   |   |
| CS 373   | CS 213  |
| CS 398<br>CS 498R  |   |
| CS 399   | CS 308  |
| CS 426<br>CS 427   | CS 364, CS 416, and<br>CS 432   |
| CS 499   |   |
| three of<br>– COMPE 360<br>– CIT 320<br>– CS 460<br>– CS 470<br>– CS 480 | can also choose from<br>– IS 320<br>– CS 313<br>– CS 490<br>cannot use CS 313 if CS 373 has<br>been completed |
| MATH 321   | FDMAT 224   |

# Computer Science

## 2008-2009

| Required  | Substitutions   |
|---|---|
| COMPE 224   | ECE 224   |
| COMPE 324   | ECE 324   |
| CS 124  |   |
| CS 165  |   |
| CS 213  | CS 373  |
| CS 235  |   |
| CS 237  | CS 236  |
| CS 238  |   |
| CS 246  |   |
| CS 306  |   |
| CS 308  | CS 399  |
| CS 345  |   |
| CS 364  |   |
| CS 398<br>CS 498R   |   |
| CS 416  |   |
| CS 432  |   |
| CS 470  |   |
| CS 499  |   |
| five of<br>– COMPE 360<br>– CIT 320<br>– CS 313<br>– CS 371<br>– CS 460<br>– CS 480<br>– CS 490 | can also choose from<br>– IS 320<br>cannot use CS 313 if CS 373 has<br>been completed |
| MATH 321  | FDMAT 224   |

# Computer Science

**2009-2010**

| Required  | Substitutions                                  |
|---|--|
| COMPE 224   | ECE 224  |
| COMPE 324   | ECE 324  |
| CS 124  |  |
| CS 165  |  |
| CS 213  | CS 373   |
| CS 235  |  |
| CS 237  | CS 236   |
| CS 238  |  |
| CS 246  |  |
| CS 306  |  |
| CS 308  | CS 399   |
| CS 345  |  |
| CS 364  |  |
| CS 398<br>CS 498R   |  |
| CS 416  |  |
| CS 432  |  |
| CS 470  |  |
| CS 499  |  |
| fifteen credits<br>– COMPE 360<br>– CS 313<br>– CS 356<br>– CS 371<br>– CS 460<br>– CS 480<br>– CS 490<br>– CS 499S | cannot use CS 313 if CS 373 has been completed |
| FDMAT 224   | MATH 321                                       |