

Year 1

Math 1111 or Math 1151  
Math 1121  
Phys 1051  
Phys 1551  
Chem 1001  
Chem 1021  
3 credits from Biol 1001, Biol 1501, Bioc 1001,  
Gens 1401, Psyc 1001 , or Psyc 1011  
Math 2221 OR Comp 1631

Year 2

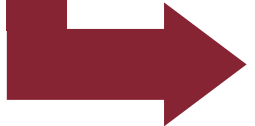
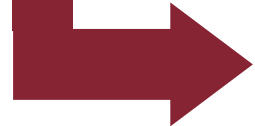
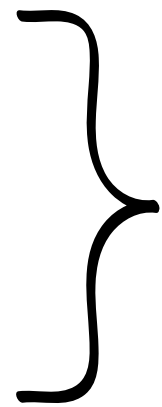
Math 2111  
Math 2121  
Phys 2251  
Phys 2801  
Phys 3451  
Phys 3811

Year 3

Phys 3101

Phys 4411\*  
Phys 3701\*

Year 4

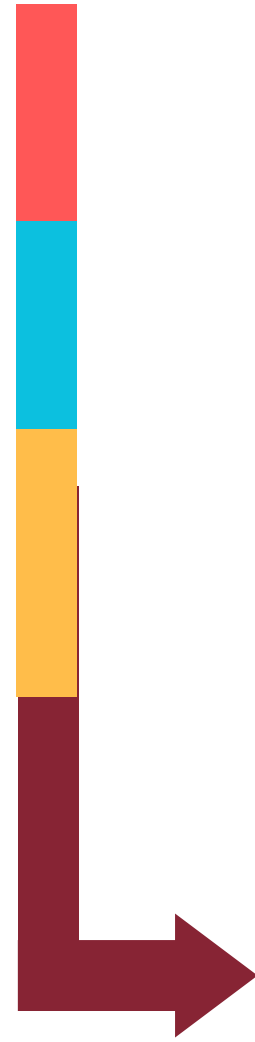
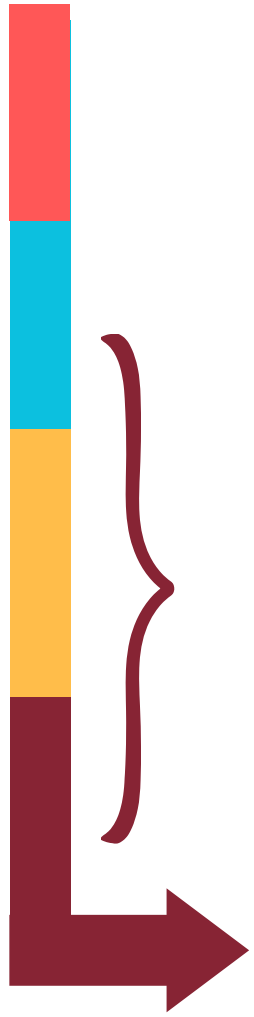


Course not offered yearly- check

## Courses with Prerequisites

- Chem 1021
  - Must take Chem 1001
- Math 1121
  - Must take either Math 1111 or Math 1151
- Math 2111
  - Must take Math 1121
- Math 2121
  - Must take Math 1121
- Math 2221
  - Must take either Math 1111 or Math 1151
- Math 3131
  - Must take MATH 2121, MATH 2111 and MATH 2221
- Math 3141
  - Must take MATH 2111, 3 credits from MATH 2221 or MATH/PHYS 3451
- Math 3161
  - Must take MATH 2111
- Math 3221
  - Must take MATH 2221, MATH 2211 recommended;
- Math 3411
  - Must take MATH 1121, 3 credits from MATH 2221 or MATH/PHYS 3451 and 3 credits from COMP **or** PHYS
  
- Phys 1551
  - Must take 3 credits from MATH 1111 or 1151 AND 3 credits from PHYS 1041 or 1051
- Phys 2251
  - Must take PHYS 1551 and MATH 1121
- Phys 2801
  - Must take 3 credits from MATH 1111 or 1151 AND 3 credits from PHYS 1041 or 1051
- Phys 3101
  - Must take PHYS 1551, MATH/PHYS 3451, MATH 2111, and MATH 2121
- Phys 3201
  - Must take PHYS 2251 and MATH 2111
- Phys 3451
  - Must take MATH 2111 and 3 credits from MATH 2121 or PHYS 2251
- Phys 3701
  - Must take PHYS 2801 and MATH 2111;
- Phys 3811
  - Must take PHYS 2251
- Phys 3821
  - Must take PHYS 3811 and MATH/PHYS 3451
- Phys 4411
  - Must take PHYS 3811 and MATH/PHYS 3451

All courses needing prerequisites may also be taken with permission of the Department.



## Courses with Prerequisites

- Biol 2701 • Must take BIOL 1001 **or** 1501 **and** 3 credits from MATH 1111, 1151 **or** 1311
- Biol 2811 • Must take BIOL 1001 **and** BIOL 1501
- Biol 3021 • Must take BIOL 2301 **and** BIOL 2401
- Chem 2111 • Must take CHEM 1021
- Chem 2211 • Must take CHEM 1021 **and** MATH 1121. PHYS 1051 recommended
- Chem 3521 • Must take CHEM 2111 **and** CHEM 2411
- Comp 1731 • Must take Comp 1631
- Gens 2431 • Must take GENV 1201 **or** GENS 1401
- Gens 3421 • Must take GENS 2421 **and** 3 credits from GENS 2431 **or** BIOL 2701
- Math 1121 • Must take either Math 1111 **or** Math 1151
- Phil 2511 • Must take 3 credits from Humanities 1600 Series
- Phys 1551 • Must take 3 credits from MATH 1111 **or** 1151 AND 3 credits from PHYS 1041 **or** 1051
- Phys 2801 • Must take 3 credits from MATH 1111 **or** 1151 AND 3 credits from PHYS 1041 **or** 1051
- Phys 3001 • Must take PHYS 1551 **and** PHYS 1031
- Phys 3021 • Second-year standing **and** must take PHYS 1021 **or** 1031
- Phys 3361 • Must take COMP 1631 **and** PHYS 1551
- Phys 3581 • Must take PHYS 1551
- Phys 3701 • Must take PHYS 3811 **and** MATH/PHYS 3451
- Phys 3751 • Must take PHYS 1551 **and** CHEM 1021
- Phys 3811 • Must take PHYS 2251
- Phys 4311 • Must take PHYS 2251 **and** PHYS 2801 **and** 3 credits from MATH 2221 **or** PHYS 3451
- Phys 4411 • Must take PHYS 3811 **and** MATH/PHYS 3451
- Phys 4851 • Must take PHYS 3821

All courses needing prerequisites may also be taken with permission of the appropriate Department.