

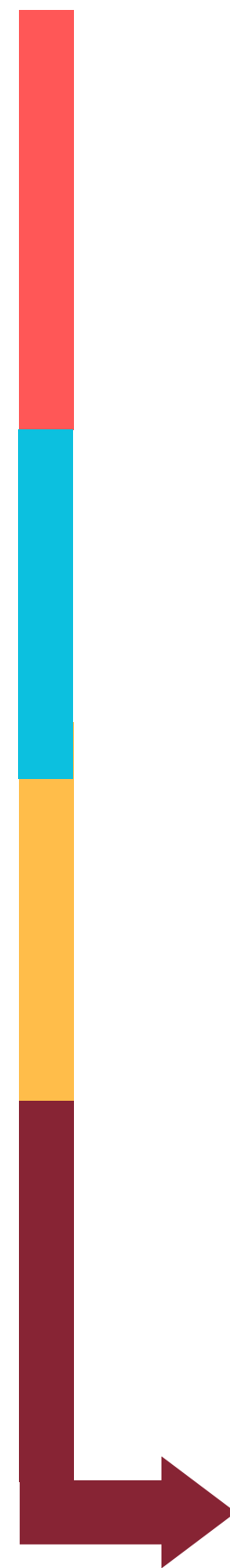


Math 1111 or Math 1151  
Math 1121  
Phys 1051  
Phys 1551  
Chem 1001  
Chem 1021  
3 credits from Biol 1001, Biol 1501, Bioc 1001,  
Gens 1401, Psyc 1001 , or Psyc 1011  
Math 2221 OR Comp 1631

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

Phys 3101

} Phys 4411\*  
Phys 3701\*

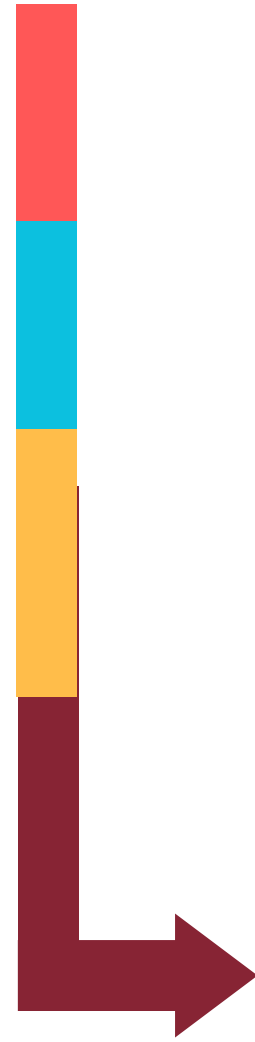


Course not offered yearly- check

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

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