Tree of BIO coursework

12-2024 update

Bold = Required core coursework

MAT 1271

Recommended

1 yr High School Chem or CHM1040

CHM1310G/15G

Concurrent enrollment in MAT1271 OK

≥C in CHM1310

CHM1410/15 → **CHM2430/35**

1500 Gen Bio I

1150 Bio Forum

3120 Molec

- 3210 Immuno
- **3510 Plant Phys***
  or
- **3520 Anim Phys***
  - 4830 Comp Vert
- **3200 Genetics**
  - 4751 Adv Molec
- 4834 Neuro

1550G Gen Bio II

- **3180 Ecology & Evolution**
  - 4814 Conserv bio (+BIO3200)
  - 4816 Biotic com (*or* Bio4810)
  - 4820 Spatial EVB
  - 4840 Res Mgt
  - 3950 Vert Hist
    Or permission of instructor
    - 4950, 4952, 4954
- Most BIO Electives

2210 A&P I

- **2220 A&P II**
  - 3624 Histology

3300 Micro

- 4818 Env Micro
- 4836 Path Micro

***Note- A subdiscipline elective from BIO 3300 General Microbiology or BIO 3330 Intro to Botany or BIO 3340 Zoology is a core requirement**

***Note- BIO 2210 *and* BIO 2220 (A&P I & II) can be taken to satisfy the physiology core requirement; BIO2210 is counted as BIO elective credit**

Special requirements

4750 Biostatistics- 18 BIO hrs

4810 Plant Eco- 2 yrs BIO

4832 Anim Behav- 16 hrs BIO

Math/Physics Tree

If Math ACT < 16 / SAT < 430 → MAT 1070

Note: Student is automatically enrolled in MAT1270

If Math ACT 17-19 / SAT440-510 → MAT 1270

If Math ACT 20-25 / SAT 520-600 → MAT 1271

MAT2250G

If Math ACT ≥ 26 / SAT ≥ 610 → **MAT2110G***

Can take MAT1441G instead (MAT1300 and 1400 prereqs)

PHY1151G/52G

If possible, take MAT2110G before physics

PHY1161/62

*MAT 2110G *or* MAT 1441G required in the major