Biology (Molecular, Cellular and Developmental) Checklist  ____/180

**General Education Requirements**

Eng Comp  ____/5cr

Foreign Language  ____ 3 qts or test/prof equivalent

A&H (Arts and Humanities)

_______________  ____cr

_______________  ____cr

_______________  ____cr

_______________  ____cr

_/20 cr

SSc (Social Sciences)

_______________  ____cr

_______________  ____cr

_______________  ____cr

_______________  ____cr

_/20 cr

These requirements will be completed by the Biology major requirements:

Natural Science 20/20

Additional AoI 15/15

**Major Requirements**

Chemistry *(Choose one)*

___ CHEM 142, 152, 223, 224

___ CHEM 142, 152, 162, 237, 238, 239

Mathematics *(Choose one)*

___ MATH 124/144, 125/145

___ QSCI 291, 292 (Calculus)

___ STAT 311/ QSCI 381/BIOST 310, QSCI 482

___ 1 Statistics course and 1 Calculus Course

Genetics *(Choose one)*

___ GENOME 371 *(AUT only)*

___ GENOME 361

Physics *(Choose one)*

___ PHYS 114, 115 *(Algebra)*

___ PHYS 121, 122 *(Calculus)*

Intro Biology Series

___ BIOL 180, 200, 220

Breadth Class *(Micro/Phys in focus)*

_______________  ____cr *(min of 3 cr)*

Natural History/Biodiversity *(may also count as a 2nd lab)*

_______________  ____cr *(min of 3 cr)*

Advanced Electives: 31 credits *(must have 1 track in BIOC, a Developmental class, and a MCD lab)*

Biochemistry

___ BIOC 405, 406 - 6 cr

*(Choose 1 track)*

___ BIOC 440, 441 - 8 cr

Developmental Class  _________________  __cr

Cell and Molecular Lab  _________________  __cr

_______________  ____cr

_______________  ____cr

_______________  ____cr

_______________  ____cr

_______________  ____cr

_______________  ____cr

_______________  ____cr

The requirements below can have credits shared with other major or general requirements such as Natural History, and/or adv electives:

2nd Lab  _________________

Diversity (Gen Ed)  _________________

300/400 BIOL Residency __/15

400 lvl Biology __/15

Writing __/10

_______________  ____cr

_______________  ____cr

_______________  ____cr

_______________  ____cr

_______________  ____cr

_______________  ____cr

_______________  ____cr

_______________  ____cr

_______________  ____cr

_______________  ____cr

_______________  ____cr

_______________  ____cr

_______________  ____cr

_______________  ____cr