Sequences of Science and Math Courses for Old (pre-Fall, 2011) Major in Biological Sciences

Required Biology Courses

Lower Division Core (10 units)

BIO 1: Biodiversity, Evolution and Ecology (5)

BIO 2: Cells, Molecules and Genes (5)

Upper Division Electives (UDE)

BA >10 or 11 UDE units***
with ≥ 1 plant course
and ≥ 1 animal course

BS = BA + 12 UDE units

Consult your advisor about appropriate electives
Check catalog for prerequisites

If Micro taken at CC you need 4 more UDE

Upper Div. Core (14 units)

BIO 160 (3)
Ecology

BIO 184 (4)
Genetics

BIO 139 (4)
Microbiology

BIO 121 (3)
Cell Physiology

Other Required Science and Math Courses

Chem 4 (3) if you are "rusty"
Chem Calculations

Chem 1A (5)
General Chem I

Chem 1B (5)
General Chem II

Phys 5A (4)
Phys 5B (4)

Stat 1 (3) F '02 on

Math 26A (3) or 30 (4)
Calculus I

[Math 26B (3)
Calculus III]*

BIO 160A (3) and
Chem 160B (3)*

BIO 184A (3) and
Chem 184B (3)*

BIO 139A (3) and
Chem 139B (3)*

BIO 121A (3) and
Chem 121B (3)*

BIO 121A (3) and
Chem 121B (3)*

*Courses in brackets are not required for a biology degree,
but may be required by graduate or professional programs

^Chem 24, 124 & 25 required by med/dental/pharm, etc programs