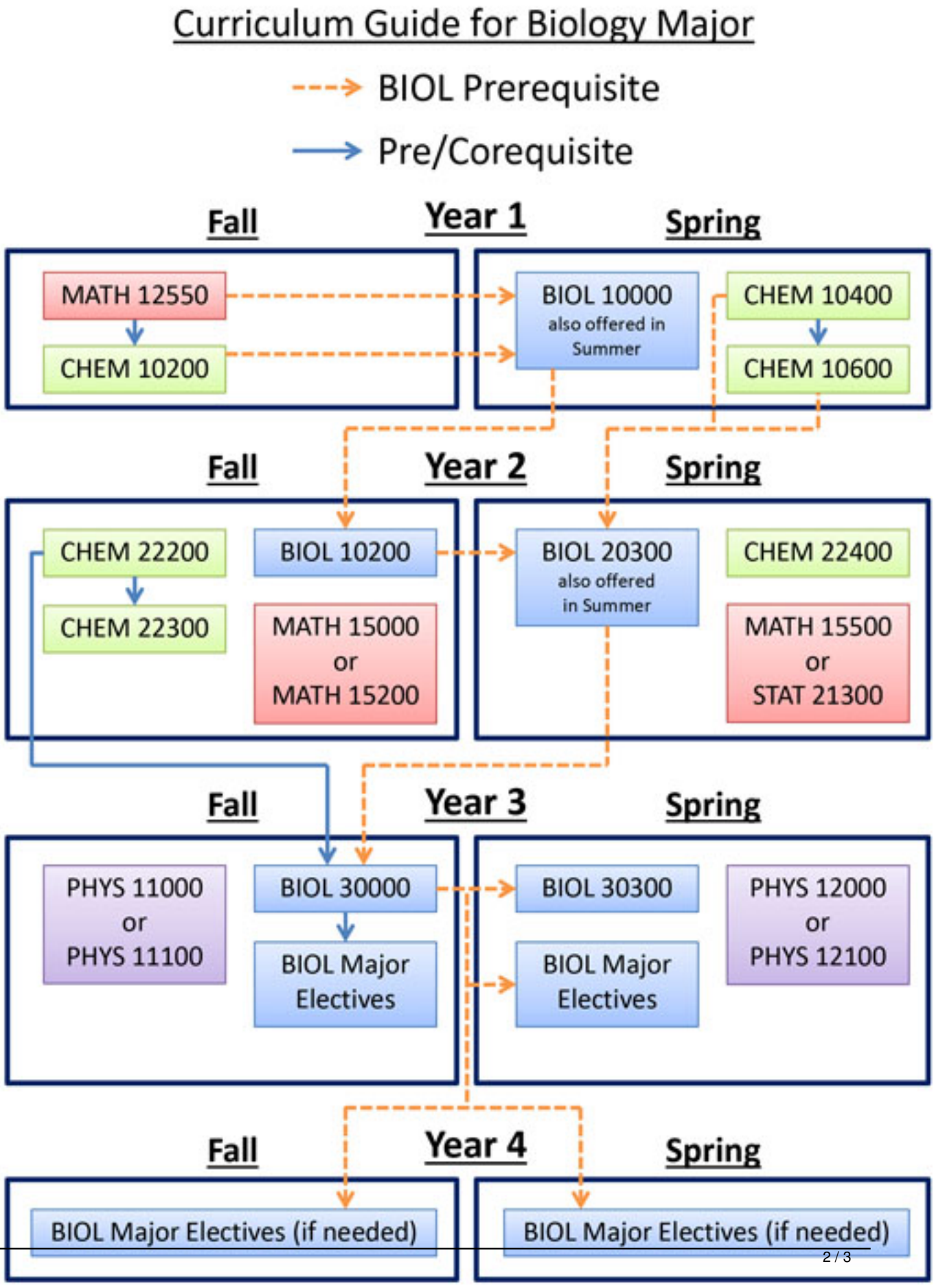
MAJOR

This plan consists of 9 credits of introductory biology (BIOL 100-102) and a 24.5-credit concentration in biology at the 200-level and higher. The biology concentration consists of an 13.5-credit core - BIOL 203, 300, 303 - and 11 credits of electives. Together, introductory biology and the concentration (33.5 cr) satisfy the major requirement for certification as a teacher of biology in grades 7-12. Additional science and math requirements for Major I: CHEM 102, 104, 106, 222, 223, 224; PHYS 110, 120 (or 111, 121); MATH 150; MATH 155 or STAT 213.

Concentrations Within Major

Students also have the option of pursuing concentrations in Behavioral Neurosciences, Bioinformatics and Biophysics. These concentrations are slightly more rigorous than the basic Major 1. Interested students should speak with a biology adviser as soon as possible to plan their courses accordingly.


Curriculum Guide for Biology Major
BIOL Prerequisite
Pre/Corequisite
Year 1
Fall
Spring
MATH 12550
CHEM 10200
BIOL 10000
also offered in Summer
CHEM 10400
CHEM 10600
Year 2
Fall
Spring
CHEM 22200
CHEM 22300
BIOL 10200
MATH 15000 or MATH 15200
BIOL 20300
also offered in Summer
CHEM 22400
MATH 15500 or STAT 21300
Year 3
Fall
Spring
PHYS 11000 or PHYS 11100
BIOL 30000
BIOL Major Electives
BIOL 30300
BIOL Major Electives
PHYS 12000 or PHYS 12100
Year 4
Fall
Spring
BIOL Major Electives (if needed)
BIOL Major Electives (if needed)

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