REQUIREMENTS FOR BIOLOGY MAJOR
(updated May 2013, for class of 2014 and later)

College Requirements:
GENERAL
☐ full time student at Colby for at least 4 semesters (including senior year)
☐ at least 64 credit hours earned in residence at Colby
☐ at least 128 credit hours total
  maximum of 16 taken satisfactory/unsatisfactory
☐ cumulative GPA of at least 2.00
DISTRIBUTION REQUIREMENTS
  (courses must be taken for a grade)
☐ English 115 or W1
☐ foreign language requirement (see catalog)
☐ one course in Area I (Arts)
☐ one course in Area II (Historical studies)
☐ one course in Area III (Literature)
☐ one course in Area VI (Social sciences)
☐ Diversity requirement – U
☐ Diversity requirement - I
☐ wellness requirement (first year seminars)
☐ ☐ 3 January programs

Major Requirements:
☐ 32 total credit hours of coursework (excluding AP) in Biology
☐ BI 163
☐ BI 164
☐ one field biology course (w/ lab) (211, 237, 257j, 259j, 263, 334, ES271, ES358j)
☐ one cell biology course (w/ lab) (225, 227, 248, 252, 274, 275, 279, 315, 332, BC367)
☐ ☐ 6 biology courses with a laboratory component
☐ ☐ two biology courses at 300 level or above
☐ BI401 or BI402
☐ Chemistry 141
☐ Chemistry 142
☐ Mathematics 121 or 161 or equivalent
☐ one course from the following list (CS151, MA122, MA162, MA212, MA253)

**Up to four credits of Independent Study (491, 492) may be applied to the major, and does not count as a laboratory course. If more than four credit hours are taken in Biology, these will be non-graded and will not count toward the major.**
REQUIREMENTS FOR BIOLOGY MAJOR (CMBB CONCENTRATION)
(updated April 2013, for class of 2013 and later)

College Requirements:
GENERAL
☐ full time student at Colby for at least 4 semesters (including senior year)
☐ at least 64 credit hours earned in residence at Colby
☐ at least 128 credit hours total
  maximum of 16 taken satisfactory/unsatisfactory
☐ cumulative GPA of at least 2.00
DISTRIBUTION REQUIREMENTS
  (courses must be taken for a grade)
☐ English 115 or W1
☐ foreign language requirement (see catalog)
☐ one course in Area I (Arts)
☐ one course in Area II (Historical studies)
☐ one course in Area III (Literature)
☐ one course in Area VI (Social sciences)
☐ Diversity requirement – U
☐ Diversity requirement - I
☐ wellness requirement (first year seminars)
☐ ☐ ☐ 3 January programs

Major Requirements:
☐ 32 total credit hours of coursework (excluding AP) in Biology
☐ BI 163
☐ BI 164
☐ BI 279
☐ one field biology course (w/ lab) (211, 237, 257j, 259j, 263, 334, ES271, ES358j)
☐ ☐ ☐ ☐ ☐ 6 biology courses with a laboratory component
☐ BC 367
☐ BC 368
☐ BC 378
☐ BI401 or BI402
☐ Chemistry 141
☐ Chemistry 142
☐ Chemistry 241
☐ Chemistry 242
☐ Mathematics 121 or 161 or equivalent
☐ one course from the following list (CS151, MA122, MA162, MA212, MA253)
☐ Physics 141 and 145, or one lab course class from the following list:
  BI 225, 332, 248, 252, 274, 315, 379, Chemistry 331

**Up to four credits of Independent Study (491, 492) may be applied to the major, and does not count as a laboratory course. If more than four credit hours are taken in Biology, these will be non-graded and will not count toward the major.**
REQUIREMENTS FOR BIOLOGY MAJOR (NEUROSCIENCE CONCENTRATION)
(updated April 2013, for class of 2013 and later)

College Requirements:
GENERAL
☐ full time student at Colby for at least 4 semesters (including senior year)
☐ at least 64 credit hours earned in residence at Colby
☐ at least 128 credit hours total
    maximum of 16 taken satisfactory/unsatisfactory
☐ cumulative GPA of at least 2.00
DISTRIBUTION REQUIREMENTS
    (courses must be taken for a grade)
☐ English 115 or W1
☐ foreign language requirement (see catalog)
☐ one course in Area I (Arts)
☐ one course in Area II (Historical studies)
☐ one course in Area III (Literature)
☐ one course in Area VI (Social sciences)
☐ Diversity requirement – U
☐ Diversity requirement - I
☐ wellness requirement (first year seminars)
☐ ☐ ☐ 3 January programs

Major Requirements:
☐ 32 total credit hours of coursework (excluding AP) in Biology
☐ BI 163
☐ BI 164
☐ BI 274
☐ one field biology course (w/ lab) (211, 237, 257j, 259j, 263, 334, ES271, ES358j)
☐ ☐ ☐ ☐ ☐ 6 biology courses with a laboratory component
☐ ☐ two biology courses at 300 level or above
☐ BI401 or BI402
☐ Psychology 111
☐ Chemistry 141
☐ Chemistry 142
☐ ☐ 2 Psychology courses from the following list (232, 233, 236, 275, 374, 375)
☐ Mathematics 121 or 161 or equivalent
☐ one course from the following list (CS151, MA122, MA162, MA212, MA253)
☐ One elective course from Psychology (200-level or above), Chemistry 241, Physics (PH141 or above), Computer Science (151 or above), or Mathematics (in addition to the 2 math/CS requirements)

**Up to four credits of Independent Study (491, 492) may be applied to the major, and does not count as a laboratory course. If more than four credit hours are taken in Biology, these will be non-graded and will not count toward the major.
REQUIREMENTS FOR BIOLOGY MAJOR (ECOLOGY AND EVOLUTION CONCENTRATION)
(updated April 2013, for class of 2013 and later)

College Requirements:
GENERAL
☐ full time student at Colby for at least 4 semesters (including senior year)
☐ at least 64 credit hours earned in residence at Colby
☐ at least 128 credit hours total
   maximum of 16 taken satisfactory/unsatisfactory
☐ cumulative GPA of at least 2.00

DISTRIBUTION REQUIREMENTS
   (courses must be taken for a grade)
☐ English 115 or W1
☐ foreign language requirement (see catalog)
☐ one course in Area I (Arts)
☐ one course in Area II (Historical studies)
☐ one course in Area III (Literature)
☐ one course in Area VI (Social sciences)
☐ Diversity requirement – U
☐ Diversity requirement - I
☐ wellness requirement (first year seminars)
☐ 3 January programs

Major Requirements:
☐ 32 total credit hours of coursework (excluding AP) in Biology
☐ BI 163
☐ BI 164
☐ BI 263 or ES 271
☐ BI 320 (with or without lab)
☐ BI 382
☐ one research-based course (w/lab) (354, 373, 451, 452, 483/484*, or ES343)
☐ one cell biology course (w/lab) (225, 227, 248, 252, 274, 275, 279, 315, 332, BC367)
☐ one course from the following (GE146, GE251, GE372)
☐ one course from the following (w/lab) (211, 237, 254, 256, 257j, 259j, 273, 276, 334, 352, ES352, ES356, ES358)
☐ 6 biology courses with a laboratory component
☐ BI401 or BI402
☐ Chemistry 141
☐ Chemistry 142
☐ Mathematics 121 or 161 or equivalent
☐ Mathematics 212
☐ recommended: one additional course in quantitative skills (CS151 or above, ES212 or ES214, or PH141 or above) and one taxonomy-oriented course (w/lab) (211, 254, 256, or 334)

*with an approved topic
**Up to four credits of Independent Study (491, 492) may be applied to the major, and does not count as a laboratory course. If more than four credit hours are taken in Biology, these will be non-graded and will not count toward the major.