UNIVERSITY OF SOUTHERN MAINE
COLLEGE OF ARTS AND SCIENCES
CATALOG YEAR 2008-2009

BIOLOGY WITH EMPHASIS IN ECOLOGY

MINIMUM PROFICIENCY REQUIREMENTS

Writing Proficiency (Area A) __________
Mathematics Proficiency (Area B) __________

Basic Competence

These requirements should be completed in a student's first year, but must be completed before a student completes 60 credits.

English Composition (Area C) __________
Quantitative Decision Making (Area D) __________
Skills of Analysis/Philosophy (Area E) __________

Methods of Inquiry/Ways of Knowing

Performance Centered Fine Art (Area F – different department from G) __________
History Centered Fine Art (Area G – different department from F) __________
Literature (Area H – different prefix from I) __________
Other Times/Other Cultures (Area I – different prefix from H) __________
Social Science (Area J – different department from other J) __________
Social Science (Area J – different department from other J) __________
Natural Sciences-Lecture (Area K) __________
Natural Sciences-Lab (Area K-must correspond to K lecture) __________
Writing Intensive Requirement (Area W) __________

MAJOR REQUIREMENTS†

BIO 105K††  BIO 201  +Organismal Biology
BIO 106K††  BIO 217  ++Ecology
BIO 107  BIO 331  +++Field labs
BIO 109  __________

DEPARTMENTAL REQUIREMENTS†

GEO 108  CHY 251  *PHY 111K  *PHY 114K
CHY 113K  CHY 252  *PHY 112  *PHY 116
CHY 114K  CHY 253  __________ or
CHY 115  MAT 152D  *PHY 121K  *PHY 114K
CHY 116  MAT 220  *PHY 123  *PHY 116

ELECTIVES

_________  __________  __________  __________  __________

† Grades of C- or higher are required in all courses.
†† Students must complete areas A & B (writing and math proficiency) before taking these courses.
+ Students must take 10 credits from the following Organismal Biology courses: BIO 205, 231, 291, 311/312W, 335, 351, 353W, 361/362, 381, 405W/406.
++ Students must take 10 credits from the following Ecology courses: BIO 332, 337, 383, 403/404, 415/416, ESP 303, 341.
+++ Students must select 3 field labs from the following: BIO 231, 291, 332, 335, 337, 353W, 383, 406, 416, ESP 303, 341.
* Biology majors may take either PHY 111K/114K and PHY 112/116 or PHY 121K/114K and PHY 123/116.
NOTE: The University catalog states,

• "There can be no more than one overlap between the courses a student takes to fulfill the Core curriculum requirements and the courses that count toward the student's major. "Overlap" is defined in terms of each course's three-letter prefix (e.g. ENG, SOC, WST); that is, a student may take only one course toward the Core that has the prefix of the student's major. (The overlapping Core course may itself also count toward the major or it may just share a prefix with the major.)"

• "For all baccalaureate degrees at the University, a minimum of 30 credit hours including at least 9 hours in the major field, must be completed while registered in the school or college from which the degree is sought (15 credit hours for associate degree programs). A student may earn no more than six of these credit hours at another campus of the University of Maine System. Unless special permission is granted by the dean of the school or college concerned to pursue work elsewhere, the work of the senior or final year must be completed at this University." The College of Arts and Sciences considers the last 30 credits as a student's senior or final year.

• "In addition to the minimum requirements of 120 credits for a baccalaureate degree and 60 credits for an associate degree, a candidate must (a) receive passing grades in courses required by the school or college, and the major department; (b) accumulate the number of credit hours required by the school or college in which the student is registered; (c) achieve an accumulative average of not less than 2.00; (d) meet the requirements of the major department; (e) complete an Application for Degree form with the Office of the Registrar at the beginning of the semester of graduation. Responsibility for successfully completing the requirements of the program resides with the student."