

THE COLLEGE OF NEW JERSEY
ACADEMIC EVALUATION

DEGREE REQUIREMENTS FOR BIOLOGY-BIOA

NAME _____ SS# _____

Retain this sheet to record progress toward your degree. Eligibility for graduation requires: 1) completion of, or testing out of, courses printed below;

- 2) minimum of 42 s.h. earned at TCNJ excluding credit by exam;
- 3) a minimum total of 32-34 courses, excluding Basic Skills courses;
- 4) a cumulative Grade Point Average of 2.0;
- 5) completion of all departmental requirements;
- 6) must take at least one upper level (300 or above) biology option course that is at the level of the organism or higher from among the following: BIOL 331, 332, 341, 342, 343, 350, 370, 371, 375, 442, or 465.
- 7) student must earn an overall 2.0 GPA and a 2.0 in all science courses taken at TCNJ, in addition C- or better in BIOL 211, 261, 321 and 498.

A. GENERAL EDUCATION REQUIREMENTS 32 - 52 S.H.
(Consult 2003-04 College Catalog or Course Schedule for acceptable courses)

I. INTELLECTUAL SKILLS 0 - 20 S.H. _____

GROUP A: ACADEMIC WRITING 0 - 4 S.H.

___WRI 102 Academic Writing 4

GROUP B: MATHEMATICS 0 - 7 S.H.

___MAT 127 Calculus 4 ___MATH (to be selected) 3

GROUP C: FOREIGN LANGUAGES ...(Courses in same language)... 0 - 9 S.H.

Strongly urged to take during the first year.

_____ 3 S.H. _____ 3 S.H. _____ 3 S.H.

II. INTERDISCIPLINARY CORE: UNDERSTANDING HUMANITY 6 S.H. _____

A: ATHENS TO NEW YORK ___IDSC 151 3

B: SOCIETY, ETHICS, AND TECHNOLOGY ___IDSC 252 3

III. PERSPECTIVES ON THE WORLD 26 S.H. _____

[DIVERSITY DISTRIBUTION Satisfied in A and B below]

Satisfactory completion of 1) Non-Western, Native American, Third World Culture _____, 2) Western Culture _____, and 3) Gender Studies _____.

GROUP A: NATURAL AND SOCIAL SCIENTIFIC PERSPECTIVES 14 S.H.

1. NATURAL SCIENCES: (8 S.H.)

___CHE 201 Gen. Chem I 4 ___CHEM 202 Gen. Chem. II 4

2. SOCIAL SCIENCES: Completion of one approved "Content" course and one

approved "Process" course. (6 S.H.) (C) _____ 3 (P) _____ 3

GROUP B: HUMANISTIC AND ARTISTIC PERSPECTIVES 12 S.H.

1. FINE OR PERFORMING ARTS _____ 3 3. LITERATURE _____ 3

2. HISTORY _____ 3 4. PHILOSOPHY/RELIGION _____ 3

BIOA

NAME _____ SS# _____

B. MAJOR REQUIREMENTS.....53 S.H. _____

- | | | |
|-----------------------------------|---|--|
| ___ BIOL 100 Bio. Fresh. Sem. | 1 | BIOLOGY OPTIONS.....18-19 |
| ___ BIO 185 (Themes in Biology) | 4 | *** (Organismal level or higher,
at least one course from list below) |
| ___ BIO 211 Cell Molecular Bio | 4 | _____ |
| ___ BIO 261 Ecology/Field Bio | 4 | _____ |
| ___ BIOL 321 Genetics | 4 | _____ |
| ___ BIOL 498 Biology Seminar | 2 | _____ |
| ___ CHEM 321 Organic Chem I | 4 | _____ |
| ___ CHEM 322 Organic Chem II | 4 | _____ |
| ___ PHY 201 Gen. Physics I ** | 4 | _____ |
| ___ (One other 200 level Physics) | | _____ |

***Biology options (300 or above) is categorized as being at the organismal level or higher. Select from the following:

- | | |
|--|---|
| BIOL 331 Comparative Vertebrate Embryology | BIOL 350 Biology of Fungi |
| BIOL 332 Comparative Vertebrate Anatomy | BIOL 370 Oceanography |
| BIOL 341 Biology of Seed Plants | BIOL 371 Evolution |
| BIOL 342 Invertebrate Biology | BIOL 375 Enviorn. Quality,
Protection and Health |
| BIOL 343 Entomology | |
| BIOL 442 Applied Botany | |
| BIOL 465 Physiology and Behavioral Ecology | |

C. ELECTIVES Minimum 23 S.H. _____

_____	_____	_____
_____	_____	_____
_____	_____	_____

EVALUATOR _____ DATE _____