

THE COLLEGE OF NEW JERSEY
ACADEMIC EVALUATION

DEGREE REQUIREMENTS FOR BIOLOGY BS/OD Program-BIOP

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, including courses taken at TCNJ and at SUNY School of Optometry;
- 4) a minimum overall Grade Point Average of 3.2 in first three years;
- 5) a minimum GPA of 3.2 in the SUNY science and math prerequisite courses;
- 6) Completion of all TCNJ Biology departmental requirements including 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) a minimum GPA of 2.0 in all science courses at TCNJ, with no less than a C- in BIOL 185, 211, 261, 321, and 498.
- 8) take and pass the Optometric Admission Test with a minimum total score of 320 during Junior year;
- 9) completion of all SUNY first year requirements.

A. GENERAL EDUCATION REQUIREMENTS 32 - 53 S.H.
(Consult 2003-04 College Catalog or Course Schedule for acceptable courses)

I. INTELLECTUAL SKILLS 0 - 21 S.H. _____

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

___ RHET 101 3 ___ RHET 102 3

GROUP B: MATHEMATICS 0 - 6 S.H.

___ MATH *** Calculus A 4 ___ MATH A second math to be chosen) 4

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.)

___ CHEM 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)___ PSYC 101 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

BIOP

NAME _____ SS# _____

B. MAJOR REQUIREMENTS.....56 S.H. _____

- | | | | |
|--------------------------------|---|------------------------------------|---------|
| ___ BIOL 100 Bio. Fresh. Sem. | 1 | ___ BIOL 331 Comp. Vert. Embry I | OR |
| ___ BIOL (Themes of Biology) I | 4 | ___ BIOL 332 Comp. Vert. Embry. II | 4 |
| ___ | | ___ STAT 115 Statistics | 3 |
| ___ BIO 211 Cell Molecular Bio | 4 | | |
| ___ BIO 261 Ecology/Field Bio | 4 | Biology Options | 14 S.H. |
| ___ 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 | | |
| ___ PHY 202 Gen. Physics II | 4 | | |

C. ELECTIVES Minimum 6 S.H. _____

D. PROFESSIONAL SEQUENCE (Taken At SUNY).....Minimum 13 S.H. _____

- *General Histology
- *Physiology & Biochemistry of Human Organism I,II,III
- *Gross Human Anatomy I,II,III
- *Ocular Anatomy & Physiology I
- *Neuroscience I,II
- Clinical Science selections
- Visual Science selections
- *These will serve to make up the Biology Options (14 S.H)

EVALUATOR _____ DATE _____