

THE COLLEGE OF NEW JERSEY
ACADEMIC EVALUTION

DEGREE REQUIREMENTS FOR..... CHEMISTRY TEACHER PREP. - CHMT

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 128 s.h. excluding Basic Skills courses;
- 4) a cumulative Grade Point Average of 2.75;
- 5) completion of all departmental requirements;
- 6) department may set an additional graduation/exit standard requiring a minimum grade of C- in some or all courses required in the major.

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 4 S.H.

____ WRI 102 Academic Writing 4

GROUP B: MATHEMATICS 0 - 8 S.H.

____ MAT 127 Calculus A 4 ____ MAT 128 Calculus B 4

GROUP C: FOREIGN LANGUAGES 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.)
____ PHY 201 Gen. Physics I 4 ____ PHY 202 Gen. Physics II 4
- 2. SOCIAL SCIENCES: Completion of one approved "Content" course and one approved "Process" course. (6 S.H.) (P) _____ 3 (C) _____ 3

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

- 1. FINE OR PERFORMING ARTS _____ 3 3. LITERATURE _____ 3
- 2. HISTORY CHEM 340 _____ 3 4. PHILOS/RELG PHIL 330 _____ 3

CHMT

NAME _____ SS# _____

B. MAJOR REQUIREMENTS..... 43 S.H. _____

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|------------------------------------|---|--|----|
| ___ CHE 201 General Chemistry I | 4 | ___ CHEM 340 History of Chem. | 0* |
| ___ CHEM 202 General Chemistry II | 4 | ___ CHEM 331 Organic Chemistry I | 4 |
| ___ CHEM 303 Des. Inorganic Chem. | 3 | ___ CHEM 332 Organic Chemistry II | 4 |
| ___ CHEM 310 Analytical Chemistry | 3 | ___ CHEM 410 Adv. Anal. Chem. | 3 |
| ___ CHEM 391 Physical Chemistry I | 3 | ___ CHEM 450 Inorganic Chemistry | 3 |
| ___ CHEM 392 Physical Chemistry II | 3 | ___ PHIL 303 Phil. of Science | 0* |
| ___ CHEM 403 Physical Chem. Lab | 3 | | |
| ___ CHEM 316 Soph. Chem. Seminar | 1 | *double counted in Group B: History and Philos/Relg categories above | |
| ___ CHEM 317 Jr. Chem. Seminar | 1 | | |
| ___ CHEM 318 Sr. Chem. Seminar | 1 | | |
| ___ Advanced Science Elective | 3 | | |

D. PROFESSIONAL EDUCATION 28 S.H. _____

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| ___ SCED 203 Soph Field Exp. | 2 | ___ RDLG 328 Tchg Rdg.Middle/SR HS | 2 |
| ___ SCED 303 Jr. Prof. Exp. | 6 | ___ EDFN 403 School in Amer. Culture | 3 |
| ___ CHEM 490 Student Teaching | 10 | ___ PHYS 390 Meths. Teach Science | 3 |
| ___ SCED 489 Sem. Student Tchg. | 1 | ___ CHEM 489 Chem. Teaching Sem. | 1 |

E. ELECTIVES AND COLLEGE SEMINAR 4 S.H. _____

- ___ CHEM 100 College Seminar 0

EVALUATOR _____ DATE _____