KEAN UNIVERSITY
COLLEGE OF NATURAL, APPLIED AND HEALTH SCIENCES
(72100) **B.A. IN CHEMISTRY (General Option)** 124 S.H.
(EFFECTIVE: 9/02)

NAME_____
STUDENT I.D.#_____
START TERM_____

ID 1001 Freshman Seminar[1]_____ 1 ____

GENERAL EDUCATION REQUIREMENTS: 49-50 S.H.

FOUNDATIONS REQUIREMENTS[2]: 12 S.H.
ENG 1030 College Composition[3]_____3 ____
MATH 1000 Algebra Coll. Students[4]____ 3 ____
COMM 1402 Speech Communication As Critical Citizenship_____ 3 ____
GE 2024 Research & Technology_____3 ____

DISCIPLINARY & INTERDISCIPLINARY DISTRIBUTION REQUIREMENTS:
HUMANITIES 9 S.H.
*ENG 2403 World Literature_____ 3 ____
(Select two courses from different areas)
Fine Arts or Art History_____ 3 ____
Philosophy or Religion_____ 3 ____
Foreign Languages[5]_____ 3 ____
Music or Theatre_____ 3 ____
Interdisciplinary_____ 3 ____

SOCIAL SCIENCES 9 S.H.
*HIST 1000 History of Civil Society in America_____ 3 ____
(Select two courses from different areas)
Psychology _____ 3 ____
Economics or Geography_____ 3 ____
Political Science_____ 3 ____
Sociology or Anthropology_____ 3 ____
Interdisciplinary_____ 3 ____

SCIENCE & MATHEMATICS 11 S.H.
*MATH 1054 Precalculus[4]_____ 3 ____
Phys 2095 Physics I_____ 4 ____
Phys 2096 Physics II_____ 4 ____

HEALTH/PHYSICAL EDUCATION 2,3 S.H.
ID 1225 Issues Contemp. Health_____ 3____
OR
Physical Education_____ 1 ____
Physical Education_____ 1 ____

CONCENTRATION 6 S.H.
Math 2411 Calculus I _____3 ____
Math 2412 Calculus II _____ 3 ____

TRANSFER INSTITUTIONS (X) CREDITS
_____ _____
_____ _____
_____ _____
_____ _____
_____ _____
In Progress ( )_____ _____
Kean University( )_____ _____

ADDITIONAL REQUIREMENTS 7 S.H.
Math 3451 Calculus III_____ 3 ____
Phys 3097 Physics III_____ 4 ____

MAJOR AND CAPSTONE REQUIREMENTS[3] 45 S.H.
Chem 1083 Chemistry I_____ 4 ____
Chem 1084 Chemistry II_____ 4 ____
Chem 2283 Quantitative Analysis____ 4 ____
Chem 2491 Inorganic Chemistry_____ 3 ____
Chem 3181 Organic Chemistry Lec I__ 3 ____
Chem 3182 Organic Chemistry Lec II_ 3 ____
Chem 3183 Org. Chem. Lab & Rec I WE 2 ____
Chem 3184 Org. Chem. Lab & Rec II__ 2 ____
Chem 3284 Instr Meth of Analysis WE 4 ____
Chem 3381 Physical Chemistry Lec I_ 3 ____
Chem 3382 Physical Chemistry Lec II 3 ____
Chem 3383 Physical Chemistry Lab___ 2 ____
Chem 3384 Physical Chemistry Lab II 2 ____
Chem 4481 Advanced Inorganic Chem._ 3 ____

MAJOR/GE CAPSTONE COURSE[3]
Chem 4908 Seminar in Chemistry_____3 ____

FREE ELECTIVES: 21-22 S.H.
(50% of free electives must be taken at the 3000-4000 level)
_____ ____
_____ ____
_____ ____
_____ ____
_____ ____
_____ ____
_____ ____

[1]Required of all Freshmen and Transfers with fewer than 10 credits.
[2]See prerequisites and equivalencies on page 3.
[3]Eng 1030 College Composition, all major courses, and the Capstone, require a grade of C or better.
[4]Students whose qualifying score on the placement test makes them eligible to take either Math 1054 or Math 2411 may take that course instead. In that case, Math 1054 or Math 2411 will count as the General Education requirement, and the student may take another 3 or 6 credits in Free Electives to total 124 S.H.
[5]Credit granted only upon the completion of both semesters of elementary or intermediate foreign language. Three credits can be applied to Humanities, and three credits can be applied to Free Electives.

*Required Distribution Course.

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Comments:

Evaluator's Signature_____**Date**_____

Advisor's Signature_____**Date**_____

Advisor's Signature_____**Date**_____

Advisor's Signature_____**Date**_____

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Advisor's Signature_____**Date**_____

Advisor's Signature_____**Date**_____

Advisor's Signature_____**Date**_____

Advisor's Signature_____**Date**_____

Your major department is located in Science Building (C), Room 221, Phone (908)737-3680.

YOU MUST BRING THIS EVALUATION AND YOUR KEAN UNIVERSITY TRANSCRIPT TO ALL ADVISING/REGISTRATION SESSIONS.

ADDITIONAL MAJOR INFORMATION AND REQUIREMENTS

GENERAL EDUCATION INFORMATION AND REQUIREMENTS

Testing and Placement

Incoming freshmen and transfer students may be placed in specific GE Foundations, Developmental or ESL courses as a result of testing prior to registration. Students may be exempt from testing due to SAT scores or prior college work.

Prerequisites and Equivalencies for GE Foundations Courses

ENG 1030
Prereq: Placement testing
Equiv: ENG 1031/32; 1033/34; 1430; ENG 1020; 1400

MATH 1000
Prereq: Placement testing
Equiv: MATH 1001/02; 1003/04; 1051

COMM 1402
Prereq: CS 0411 or 0412 if required by placement testing
ENG 1031/32; 1033/34
May be taken concurrently with ENG 1030
Equiv: COMM 1400

GE 2021-2024 Research and Technology is offered as college-based course
GE 2021 College of BPA
GE 2022 College of ED
GE 2023 College of AHSS
GE 2024 College of NAHS
Prereq: ENG 1030 or equivalent
MATH 1000 or equivalent
Equiv: GE 2020

Course Paired with Reading
Must be taken concurrently with CS 0412 if required by placement testing.

GE Distribution Courses

All courses taken under the General Education Disciplinary/Interdisciplinary Distribution requirements must be selected from the Approved General Education Distribution Course List, printed in Registration Bulletin. These courses are designated as GEHU, GESS, GESM, GEHPE or GECP.

GEHU Humanities
GESS Social Sciences
GESM Science and Mathematics
GEHPE Health and Physical Education
GECP Approved GE Concentration Pairs: Special Disciplinary Pairs and Pairs Across Disciplines

Required GE Distribution Courses

ENG 2403 is a required Humanities Distribution course with an emphasis on diversity.

HIST 1000 is a required Social Sciences Distribution course with an emphasis on diversity.

MATH 1010, 1016, 1054, CPS 1031, 1032 or 1231 may be used to satisfy the Science and Mathematics Distribution requirement.

Foreign Language Credit

The three credits for a foreign language that may satisfy the GE Disciplinary/ Interdisciplinary Distribution Requirement are awarded only upon successful completion of two semesters of study at the introductory or intermediate level.

GE Concentration Sequences

A concentration is a two-course sequence in the Liberal Arts and Sciences, outside the major, that builds upon an introductory GE Distribution course. Three different options for satisfying the concentration exist:

(1)two courses in the same discipline at the two thousand level or above; (2)two courses from different disciplines at the two thousand level or above that cover a similar topic or theme (students taking this second option must obtain approval from the GE office prior to registration); (3)a preapproved pair of courses at the 1000 level or above that is published in the University Bulletin under GECP Distribution courses.

Major/GE Capstone Course

A Capstone course is a major course that satisfies three credits of GE requirements. Each major guide sheet will count three credits for the Capstone as either GE credits or major credits, but not both.

UNIVERSITY REQUIREMENT

Writing-Emphasis Requirement

All students are required to complete one “Writing-Emphasis” course. The “W-E” course must be within the major portion of your program. Consult your major program advisor for specific information.