

KEAN UNIVERSITY 1030 College Comp, and all major courses and Capstone, require  
**COLLEGE OF NATURAL, APPLIED AND HEALTH SCIENCES**  
 (76100) **B.A. IN EARTH SCIENCE (General Option)** 124 S.H.  
 (EFFECTIVE: 9/02)

NAME \_\_\_\_\_  
 STUDENT I.D.# \_\_\_\_\_  
 START TERM \_\_\_\_\_

ID 1001 Freshman Seminar<sup>1</sup> \_\_\_\_\_ 1 \_\_\_\_\_

**GENERAL EDUCATION REQUIREMENTS: 49-52 S.H**

**FOUNDATIONS REQUIREMENTS<sup>2</sup>: 12 S.H.**

ENG 1030 College Composition<sup>3</sup> \_\_\_\_\_ 3 \_\_\_\_\_

MATH 1000 Algebra for Coll. Students<sup>4</sup> 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<sup>5</sup> \_\_\_\_\_ 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)

Economics or Geography \_\_\_\_\_ 3 \_\_\_\_\_

Political Science \_\_\_\_\_ 3 \_\_\_\_\_

Psychology \_\_\_\_\_ 3 \_\_\_\_\_

Sociology or Anthropology \_\_\_\_\_ 3 \_\_\_\_\_

Interdisciplinary \_\_\_\_\_ 3 \_\_\_\_\_

**SCIENCE & MATHEMATICS 11 S.H.**

\*MATH 1054 Precalculus<sup>4</sup> \_\_\_\_\_ 3 \_\_\_\_\_

CHEM 1083 Chemistry I \_\_\_\_\_ 4 \_\_\_\_\_

CHEM 1084 Chemistry II \_\_\_\_\_ 4 \_\_\_\_\_

OR

PHYS 2091 Gen. Physics I \_\_\_\_\_ 4 \_\_\_\_\_

PHYS 2092 Gen. Physics II \_\_\_\_\_ 4 \_\_\_\_\_

**HEALTH/PHYSICAL EDUCATION 2,3 S.H.**

ID 1225 Issues Contemp. Health \_\_\_\_\_ 3 \_\_\_\_\_

OR

Physical Education \_\_\_\_\_ 1 \_\_\_\_\_

Physical Education \_\_\_\_\_ 1 \_\_\_\_\_

**CONCENTRATION<sup>6</sup> 6-8 S.H.**

\_\_\_\_\_ 3,4 \_\_\_\_\_

\_\_\_\_\_ 3,4 \_\_\_\_\_

TRANSFER INSTITUTIONS (X) \_\_\_\_\_ CREDITS \_\_\_\_\_

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\_\_\_\_\_

In Progress ( ) \_\_\_\_\_

Kean University( ) \_\_\_\_\_

**ADDITIONAL REQUIREMENTS: 3 S.H.**

MATH 2411 Calculus I \_\_\_\_\_

OR

MATH 2412 Calculus II \_\_\_\_\_ 3 \_\_\_\_\_

**MAJOR AND CAPSTONE REQUIREMENTS<sup>3</sup>: 31 S.H.**

ASTR 1100 Intro to Astronomy \_\_\_\_\_ 4 \_\_\_\_\_

GEOL 1200 Intro to Geology \_\_\_\_\_ 4 \_\_\_\_\_

METR 1300 Intro to Meteorology \_\_\_\_\_ 4 \_\_\_\_\_

METR 2300 Climatology \_\_\_\_\_ 3 \_\_\_\_\_

GEOL 3266 Hydrology \_\_\_\_\_ 4 \_\_\_\_\_

OCEN 3453 Oceanography \_\_\_\_\_ 4 \_\_\_\_\_

(Select one of the following four courses)

GEOL 3261 Mineralogy \_\_\_\_\_

GEOL 3263 Structural Geology \_\_\_\_\_

GEOL 3264 Invert. Paleontology \_\_\_\_\_

GEOL 3265 Geomorphology \_\_\_\_\_ 4 \_\_\_\_\_

**MAJOR/GE CAPSTONE COURSE<sup>3</sup>**

(Select either of the following)

\*\*ES 4953-4954 E.S. Seminar I,II WE \_\_\_\_\_ 4 \_\_\_\_\_

OR

\*\*ES 4963-4964 E.S. Hon. Sem I,II WE \_\_\_\_\_ 4 \_\_\_\_\_

**FREE ELECTIVES: 37-40 S.H.**

(50% of free electives must be taken at the 3000-4000 level, Additional courses in Biology, Chemistry, Mathematics, and Physics are recommended)

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(OVER)

<sup>4</sup> 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, either 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.

<sup>5</sup> Credit granted only upon the completion of both semesters of elementary or intermediate foreign language. Three credits may be applied to Humanities and 3 credits may be applied to Free Electives.

<sup>1</sup>Required of all Freshmen and Transfers with fewer than 10 Credits.

<sup>2</sup>See prerequisites and equivalencies on page 3.

<sup>6</sup> Not required of students with a second major, minor or collateral.  
\*Required Distribution Course.

\*\*3 credits satisfy the GE Capstone requirement.

(76100) B.A. in EARTH SCIENCE (General Option)

Comments:

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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 \_\_\_\_\_

Your major department is located in the Science Building (C), Room 323, phone (908)737-3690.

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

**ADDITIONAL MAJOR INFORMATION AND REQUIREMENTS**

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

**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

**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.

