

KEAN UNIVERSITY
COLLEGE OF NATURAL, APPLIED and HEALTH SCIENCES
 (76102) **B.A. in EARTH SCIENCE (Meteorology Option)** 124 S.H.
 (Effective: 9/02)

require a grade of C or better.

NAME _____
 STUDENT I.D.# _____
 START TERM _____

TRANSFER INSTITUTIONS	(X)	CREDITS
_____		_____
_____		_____
_____		_____
_____		_____
_____		_____

ID 1001 Freshman Seminar¹ _____ 1 _____

GENERAL EDUCATION REQUIREMENTS: 49-53 S.H.

FOUNDATIONS REQUIREMENTS²: 12-15³ S.H.

ENG 1030 College Composition⁴ _____ 3 _____

MATH 1000 Algebra for Coll. Students⁵ 3 _____

COMM 1402 Speech Communication As
 Critical Citizenship _____ 3 _____

GE 2024 Research & Technology _____ 3 _____

_____ (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 Languages⁶ _____ 3 _____

_____ Music or Theatre _____ 3 _____

_____ Interdisciplinary _____ 3 _____

SOCIAL SCIENCES 9 S.H.

*HIST 1000 History of Civil Society
 in America _____ 3 _____

PSY 1000 General Psychology _____ 3 _____
 (Select one course only)

Economics or Geography _____ 3 _____

Political Science _____ 3 _____

Sociology or Anthropology _____ 3 _____

Interdisciplinary _____ 3 _____

SCIENCE & MATHEMATICS 11 S.H.

*MATH 1054 Precalculus⁵ _____ 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 _____

In Progress () _____
Kean University() _____

ADDITIONAL REQUIREMENTS: 11 S.H.

CPS 2231 Computer Org. & Prog. _____ 4 _____

MATH 3455 Differential Equations _____ 3 _____

GEOL 3266 Hydrology _____ 4 _____

MAJOR AND CAPSTONE REQUIREMENTS⁴: 44-46 S.H.

ASTR 1100 Intro to Astronomy _____ 4 _____

OR _____

GEOL 1200 Intro to Geology _____ 4 _____

METR 1300 Intro. To Meteorology _____ 4 _____

METR 3370 Atmospheric Dynamics _____ 4 _____

METR 3371 Atmospheric Thermodyn. _____ 4 _____

METR 3372 Physical Meteorology _____ 3 _____

METR 3380 Meteor. Instrumentation _____ 4 _____

METR 4351 Synoptic Meteorology I _____ 4 _____

METR 4352 Synoptic Meteorology II _____ 4 _____

METR 4370 Adv. Atmos. Dynamics _____ 3 _____

MAJOR/GE CAPSTONE COURSE⁴

(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 _____

MAJOR ELECTIVES⁴ 6-8 S.H.

(Selected with Departmental Advisement)

_____	_____
_____	_____

FREE ELECTIVES: 13-19 S.H.

(50% of free electives must be taken at the 3000-4000 level)

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

(OVER)

¹Required of all Freshmen and Transfers with fewer than 10 Credits.

²See prerequisites and equivalencies on page 3.

³Additional 3 credit course paired with Reading may be required by placement testing.

⁴Eng 1030 College Comp, and all major courses and Capstone,

5 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.

⁶Credit granted only upon completion of both semesters of elementary

or intermediate foreign language. Three credits may be applied to Humanities and three credits may be applied to Free Electives.

*Required Distribution Course.

**3 credits satisfy the GE Capstone requirement.

(76102) B.A. in Earth Science (Meteorology Option)

Comments:

Evaluator's Signature _____ Date _____

Advisor's Signature _____ Date _____

Advisor's Signature _____ Date _____

Advisor's Signature _____ Date _____

Advisor's Signature _____ Date _____

Advisor's Signature _____ Date _____

Advisor's Signature _____ Date _____

Advisor's Signature _____ Date _____

Advisor's Signature _____ Date _____

Advisor's Signature _____ Date _____

Advisor's Signature _____ Date _____

Advisor's Signature _____ Date _____

Advisor's Signature _____ Date _____

Your major department is located in the Science Building, Room 323, phone (908) 527-2064.

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

ADDITIONAL MAJOR INFORMATION AND REQUIREMENTS

GEHU Humanities
GESS Social Sciences
GESM Science and Mathematics
GEHPE Health and Physical Education
GECF 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 GECF 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.

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 GECF.