**KEAN UNIVERSITY**
**COLLEGE OF NATURAL, APPLIED and HEALTH SCIENCES**
**(76100) B.A. IN EARTH SCIENCE (General Option) : 120 S. H.**
**EFFECTIVE DATE: Fall 2018**
**2.0 G.P.A. Graduation Requirement**

**START TERM:** _____

| | | | |
|---|---|---|---|
| NAME | | TRANSFER INSTITUTIONS (X) Credits: | |
| STUDENT ID# | | In Progress | |
| **GENERAL EDUCATION : 44-45 Semester Hours (S.H.)** | | **ACADEMIC MAJOR [3] : 30-31 Semester Hours (S.H.)** | |
| **Foundation Requirements [1] : 13 S.H.** | | **Required Foundation Core: 27- 28 S.H.** | |
| GE 1000 Transition to Kean or | 1 | ES 1100 Introduction to Astronomy | 4 |
| GE 3000 Transfer Transitions [4] | | ES 1200 Introduction to Geology | 4 |
| ENG 1030 College Composition [3‡] | 3 | ES 1300 Meteorology | 4 |
| MATH 1000 Algebra for College Students [5] | 3 | ES 2400 Introduction to Oceanography | 4 |
| COMM 1402 Speech Communication | 3 | | |
| GE 2024 Research & Technology | 3 | ***Select 3 courses from ES, ENV, or SUST*** | |
| | | 3000-4000 level | 3 or 4 |
| **Disciplinary & Interdisciplinary Distribution Requirements** | | 3000-4000 level | 4 |
| ***Humanities: 9 S.H. (from different areas)*** | | 3000-4000 level | 4 |
| ENG 2403 World Literature [1] | 3 | | |
| ***Select two courses with advisement from areas below:*** | | **G.E. and Major Capstone: 3 S.H.** | |
| Fine Arts/Art History | 3 | ES 4981 Environmental Issues Seminar (WE) | 3 |
| Philosophy or Religion | 3 | | |
| Foreign Languages (Must take I and II for credit) | 3 | **FREE ELECTIVES: 29-31 Semester Hours (S.H.)** | |
| Music or Theatre | 3 | **(at least 50% must be 3000/4000level. Additional courses in Earth** | |
| Interdisciplinary | 3 | **Science, Biology, Chemistry, Mathematics and Physics that leads** | |
| | | **to a collateral or minor program are recommended)** | |
| ***Social Sciences: 9 S.H. (from different areas)*** | | | |
| HIST 1062 Worlds of History [1] | 3 | | |
| ***Select two courses with advisement from areas below:*** | | | |
| Psychology | 3 | | |
| Economics or Geography | 3 | | |
| Political Science | 3 | | |
| Sociology or Anthropology | 3 | | |
| Interdisciplinary | 3 | | |
| | | | |
| ***Science and Mathematics: 11 S.H.*** | | | |
| MATH 1054 Pre-calculus [5] | 3 | | |
| CHEM 1083 Chemistry I [2] | 4 | | |
| PHYS 2091 General Physics I | 4 | Other Transfer: | |
| | | **Special Notes:** | |
| ***Health & Physical Education: 2 or 3 S.H.*** | | [1] GE Required Courses | |
| ID 1225 Issues in Contemporary Health **OR** | 3 | [2] Must earn a grade of C or better to advance to CHEM 1084 | |
| ID 1010 Leisure & Recreation in Multicultural Society **OR** | 3 | [3] ENG 1030 and all major courses require a grade of C or better | |
| TWO one-credit P.E.D. courses | 1, 1 | [4] University Requirement for all undergraduate students that must be satisfied in one of two ways: Complete GE 1000 (all freshmen and transfers entering with 0 - 29 credits) OR complete GE 3000 (transfers entering with 30 credits or more) | |
| | | [5] A student whose qualifying score on the placement test makes them eligible to take either Math 1054 may start with that course instead. In that case, the student may take 3 additional credits in free electives instead of MATH 1000 to total 120 S.H. | |
| **ADDITIONAL REQUIRED COURSES: 15 Semester Hours (S.H.)** | | | |
| BIO 1000 Principles of Biology | 4 | | |
| CHEM 1084 Chemistry II **OR** | 4 | ‡Students may be required to take ENG 1025 Introduction to Composition as a prerequisite | |
| PHYS 2092 General Physics II **OR** | | | |
| MATH 2415 Calculus I | | | |
| ENV 1100 Foundations of Environmental Science | 4 | | |
| SUST 1000 Introduction to Sustainability Science | 3 | **TOTAL CREDITS:** | |
| | | Advisor: | |
| | | Advisor Signature: | |
| | | | |
| | | | |