KEAN UNIVERSITY - School of Integrative Science and Technology
(36104) B.S. IN SCIENCE \& TECHNOLOGY (Mathematics Option)

120 S.H.
Minimum GPA Required for Declaration: N/A
Minimum GPA Required for Major: 2.75
Overall Minimum GPA Required for Graduation: 3.0

EFFECTIVE DATE: FALL 2022

| GENERAL EDUCATION: 34 Semester Hours (S.H.) |  |  |  |
| :---: | :---: | :---: | :---: |
| Foundation Requirements ${ }^{1,2}: 14$ S.H. |  |  |  |
| GE 1000 | Transition to Kean ${ }^{3}$ or GE 3000 Transfer Transition ${ }^{3}$ | 1 |  |
| ENG 1030 | College Composition ${ }^{1}$ | 3 |  |
| STME 2000 <br> STME 2099 | Math. \& Comp. Methods of Science I ${ }^{4}$ \& Math. \& Comp. Methods of Science $I^{4}$ Lab | 3 1 |  |
| COMM 1402 | Speech Communication As Critical Citizen ${ }^{1}$ | 3 |  |
| GE 2024 | Research \& Technology | 3 |  |
| Disciplinary \& Interdisciplinary Distribution Requirements²: 20 S.H. |  |  |  |
| Humanities: 6 S.H. |  |  |  |
| *ENG 2403 | World Literature | 3 |  |
| Take ONE GE Approved course from one area below |  |  |  |
|  | Fine Arts or Art History |  |  |
|  | Philosophy or Religion |  |  |
|  | Foreign Languages (must take I \& II for credit) |  |  |
|  | Music or Theater |  |  |
|  | Interdisciplinary |  |  |
| Social Sciences: 6 S.H. |  |  |  |
| *HIST 1062 | Worlds of History | 3 |  |
| *PSY 1000 | General Psychology | 3 |  |
| Science and Mathematics: 8 S.H. |  |  |  |
| STME 2100 <br> STME 2199 | Math. \& Comp. Methods of Science II \& Math. \& Comp. Methods of Science II Lab | 3 1 |  |
| STME 1000 STME 1099 |  <br> Chemical Systems I Lab | 3 1 |  |
| ADDITIONAL REQUIRED COURSES ${ }^{1}$ : 16 S.H. |  |  |  |
| PSY 2110 | Psychology of Adolescence | 3 |  |
| STME 1700 <br> STME 1799 |  <br> Living Systems I Lab | 3 1 |  |
| STME 2700 <br> STME 2799 |  <br> Physical Systems I Lab | 3 |  |
| STME 2300 STME 2399 |  <br> Probabilistic Methods in Science Lab | 3 1 |  |
| STME 1903 | Research Methods - RFI | 1 |  |

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## ACADEMIC MAJOR ${ }^{5}$ : 61 S.H.

Program Core Requirements ${ }^{5}$ : 12 S.H.


## Program Option Requirements ${ }^{5}$ : 23-27 S.H.



## FREE ELECTIVES: 9 S.H.

(at least $50 \%$ must be $3000 / 4000$ level)

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| :--- | ---: | :--- | :--- |
|  |  |  |  |
|  | TOTAL CREDITS: |  |  |
|  |  |  |  |


[^0]:    Special Notes:
    All pre-requisites for major courses must be passed with a grade of C or better.

    * GE Distribution course required of all students ** Course required by Major
    ${ }^{1}$ Foundation Requirements \& Additional Required Courses require a grade of $C$ or better, except ENG 1030 and COMM 1402 require B- or better.
    ${ }^{2}$ See prerequisites \& equivalencies (on page 2).
    ${ }^{3}$ University Requirement for Graduation for all undergraduate students that must be satisfied in one of two ways: Complete GE 1000 (all freshmen \& transfers entering with 0-29 credits) OR complete GE 3000 (transfers entering with 30 credits or more).
    ${ }^{4}$ Prerequisite of qualifying test score or the equivalent of MATH 1054.
    ${ }^{5}$ A minimum major GPA of 2.75 and minimum grade of $C$ is required in all major courses, except professional education courses and major capstone require a grade of B - or better
    ${ }^{6}$ Non-Research First Initiative (RFI) students only.
    ${ }^{7}$ Required for RFI students - must complete with RFI sponsor faculty.
    ${ }^{8}$ Students must pass the Praxis I Core and have a 3.0 (or higher) GPA to be declared in the education major.
    ${ }^{9}$ Graduate education courses require a grade of B or better. EMSE 5315 \& EMSE 5320 apply to the baccalaureate degree.

