<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>GE 1000</td>
<td>Transition to Keas® or GE 3000 Transfer</td>
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<tr>
<td>ENG 1030</td>
<td>College Composition1</td>
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<tr>
<td>STME 2000</td>
<td>Math. &amp; Comp. Methods of Science I &amp; II</td>
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<tr>
<td>STME 2099</td>
<td>Math. &amp; Comp. Methods of Science I &amp; II Lab</td>
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<tr>
<td>COMM 1402</td>
<td>Speech Communication As Critical Citizen1</td>
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<tr>
<td>GE 2024</td>
<td>Research &amp; Technology</td>
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</tr>
<tr>
<td>*ENG 2403</td>
<td>World Literature</td>
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<tr>
<td></td>
<td>Take ONE GE Approved course from one area below</td>
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<tr>
<td></td>
<td>Fine Arts or Art History</td>
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<tr>
<td></td>
<td>Philosophy or Religion</td>
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<tr>
<td></td>
<td>Foreign Languages (must take I &amp; II for credit)</td>
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<tr>
<td></td>
<td>Music or Theater</td>
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<tr>
<td></td>
<td>Interdisciplinary</td>
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<tr>
<td>HIST 1062</td>
<td>Worlds of History</td>
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<tr>
<td>*PSY 1000</td>
<td>General Psychology</td>
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<tr>
<td>STME 2100</td>
<td>Math. &amp; Comp. Methods of Science II &amp; II</td>
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<tr>
<td>STME 2199</td>
<td>Math. &amp; Comp. Methods of Science II &amp; II Lab</td>
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<tr>
<td>STME 1000</td>
<td>Chemical Systems I &amp; II</td>
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<td>STME 1099</td>
<td>Chemical Systems I &amp; II Lab</td>
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<tr>
<td>PSY 2110</td>
<td>Psychology of Adolescence</td>
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<tr>
<td>STME 1700</td>
<td>Living Systems I &amp; II</td>
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<tr>
<td>STME 1799</td>
<td>Living Systems I &amp; II Lab</td>
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<tr>
<td>STME 2700</td>
<td>Physical Systems I &amp; II</td>
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<tr>
<td>STME 2799</td>
<td>Physical Systems I &amp; II Lab</td>
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<tr>
<td>STME 2300</td>
<td>Probabilistic Methods in Science &amp;</td>
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<td>STME 2399</td>
<td>Probabilistic Methods in Science &amp; Lab</td>
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<tr>
<td>STME 1903</td>
<td>Research Methods - RFII</td>
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<tr>
<td>STME 2200</td>
<td>Math. &amp; Comp. Methods of Sci. III &amp;</td>
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<tr>
<td>STME 2299</td>
<td>Math. &amp; Comp. Methods of Sci. III Lab</td>
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<tr>
<td>MATH 3110</td>
<td>Introduction to Proofs</td>
<td>3</td>
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<tr>
<td>MATH 3225</td>
<td>Comp. Methods in Matrix and Linear Algebra II</td>
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<tr>
<td>MATH 3342</td>
<td>Euclidean and Non-Euclidean Geometry</td>
<td>3</td>
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<tr>
<td>MATH 3415</td>
<td>Calculus III</td>
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<td>MATH 3455</td>
<td>Differential Equations</td>
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<tr>
<td>STME 4805</td>
<td>Mathematical Modeling with Applications</td>
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<tr>
<td>STME 3610</td>
<td>Current Issues OR</td>
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<tr>
<td>STME 2903</td>
<td>Research Experience-RFII</td>
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<tr>
<td>STME 3903</td>
<td>Advanced Research Experience-RFII</td>
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<tr>
<td>MATH 3891</td>
<td>History of Math</td>
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<tr>
<td>STME 4610</td>
<td>Science &amp; Technology Seminar (WE)</td>
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</tr>
<tr>
<td>EMSE 2801</td>
<td>Intro. Field Exp. Subj. Area K-12</td>
<td>3</td>
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<tr>
<td>EMSE 3220</td>
<td>Math Ed. K-12</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 3000</td>
<td>Curriculum, Evaluation &amp; the Learner</td>
<td>3</td>
</tr>
<tr>
<td>EMSE 3903</td>
<td>Teaching English Language Learners</td>
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<tr>
<td>EMSE 5315</td>
<td>Intro to Language Arts &amp; Reading in Teaching</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Content</td>
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<tr>
<td>EMSE 5320</td>
<td>Computers in the School Curriculum I</td>
<td>3</td>
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<tr>
<td>Major Electives5:</td>
<td>3-7 S.H. (select with advisement)</td>
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<tr>
<td>FREE ELECTIVES:</td>
<td>9 S.H. (at least 50% must be 3000/4000 level)</td>
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</tr>
</tbody>
</table>

**Total Credits:**

GENERAL EDUCATION
INFORMATION AND REQUIREMENTS

Testing and Placement
Incoming freshman 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

GE 1000
Required of all freshmen & transfers entering with 0-29 credits
Prereq: None
Equiv: ID 1001

GE 3000
Required of transfers entering with 30 credits or more
Prereq: 30 credits and ENG 1030

ENG 1030
Prereq: Placement testing or exemption from placement testing
Equiv: ENG 1031/1032, ENG 1033/1034, ENG 1430, ENG 1620, ENG 1020, ENG 1400

MATH 1000 or 1010 or 1016 or 1030
Prereq: MATH 0901 if required by placement testing
Equiv of MATH 1000: MATH 1001/1002, MATH 1003/1004, MATH 1051

MATH 1044 or 1054
Prereq: MATH 0901 if required by placement testing and MATH 1000
*MATH 1044 is available as a Foundation option for CBPM students only

COMM 1402
Prereq: CS 0412 if required by placement testing
ENG 1031/1032 or ENG 1033/1034 if required by placement testing
May be taken concurrently with ENG 1030
Equiv: COMM 1400

GE 2021-2626 Research and Technology is offered as college-based course
GE 2021 College of BPM
GE 2022 College of EDU
GE 2023 College of CLA
GE 2024 College of NAHS & NJCSTM & NWGC
GE 2025 SPPA & Michael Graves College
GE 2026 Undecided Majors and other special populations
Prereq: CS 0412 if required by placement testing
ENG 1030 or equivalent
COMM 1402
Equiv: GE 2020

GE Distribution Courses

Approved 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.
These courses are designated as GEHU, GESS, and GESM.
GEHU Humanities
GESS Social Sciences
GESM Science and Mathematics

Required GE Distribution Courses

ENG 2403 is a required Humanities Distribution course with an emphasis on diversity.
Prereq: CS 0412 if required by placement testing; ENG 1030 or equivalent
Equiv: ENG 2203

HIST 1062 is a required Social Sciences Distribution course.
Prereq: None

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 the second of two semesters of study at the introductory or intermediate level.
Credit for the first semester may be used as elective credit.

UNIVERSITY REQUIREMENTS

GE 1000/3000 Requirement
All undergraduate students must satisfy this University requirement for graduation by successfully completing one of the following courses at Kean University: GE 1000 Transition to Kean (all freshmen and transfers entering with 0-29 credits) or GE 3000 Transfer Transitions (transfers entering with 30 credits or more).

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.