The Dorothy and George Hennings College of Science, Mathematics and Technology/School of Natural Sciences

# (70191) BA. BIOLOGY EDUCATION/TSD

4 Year Plan

| | | | | | | | | | Required Credits | |
|---|---|---|---|---|---|---|---|---|---|---|
| Year 01 | Fall | GE 1000/3000 Transition to Kean/Transfer Transitions (1 cr) | ENG 1030 College Composition (3 cr) | MATH 1054 Precalculus (3 cr) | BIO 1300 General Biology I (4 cr) | CHEM 1083 Chemistry 1 (4 cr) | HIST 1062 Worlds of History (3 cr) | | 18 | |
| | Winter | | | | | | | | | |
| | Spring | | GE 2024 Research and Technology (3 cr) | MATH 2415 Calculus 1 or MATH 1016 Statistics (3 - 4 cr) | Bio 1400 General Biology II (4 cr) | CHEM 1084 Chemistry II (4 cr) | PSY 1000 General Psychology (3 cr) | | 17-18 | |
| | Summer | | | | | | | | | |
| Year 02 | Fall | | COMM 1402 Speech Communication (3 cr) | PSY 2110 Psychology of Adolescence (3 cr) | BIO 2500 Principles of Botany (4 cr) | PHSY 2091 Physics I (4 cr) | EMSE 2801 Clinical Experience I in Subject Area Instruction K-123 (3 cr) | | 17 | |
| | Winter | | | | | | | | | |
| | Spring | | ID 3051 Computer Technology in Today's Society (3 cr) | ENG 2403 World Literature (3 cr) | BIO 3400 Zoology Form and Function (4 cr) | ID 2052 Human Exceptionality (3 cr) | SPED 2200 The Multicultural Learner in Diverse Settings (3 cr) | | 16 | |
| | Summer | | | | | | | | | |
| Year 03 | Fall | | ES 1000 Observing Earth (3 cr) | BIO 3709 Genetics (4 cr) | BIO 3614 Principles of Ecology (4 cr) | GE approved Social Science (3 cr) | EDUC 3000 Curriculum Evaluation and the Learner (3 cr) | | 17 | |
| | Winter | | | | | | | | | |
| | Spring | | GE approved Humanities (3 cr) | BIO Major Elective (3 - 4 cr) | Biology Major Elective (2 - 3 cr) | GE approved Humanities (3 cr) | EDUC 3401 Language Arts/Reading in K-12 Subject Area Teaching (3 cr) | | 14-16 | |
| | Summer | | | | | | | | | |
| Year 04 | Fall | | SPED 3000 Principle and Practices for the Contemporary Educator (3 cr) | EMSE 3230 Science Education K-12 (3 cr) | EMSE 4711 Clinical I Pract. in Sub. area K-12 (3 cr) | ID 3163 Classroom Management (3 cr) | BIO 4790 Seminar Integrative Biology (3 cr) | | 15 | |
| | Winter | | | | | | | | | |
| | Spring * | | SPED 4200 Clinical II Capstone (3 cr) | EMSE 4811 Clinical II Practice in Sub. Area Instruction K-12 (9 cr) | | | | | 12 | |

Effective: 9/1/2023

Please see the Curriculum Sheet for this program via Quick Links on the Kean University home page. TOTAL 128

*Students who place into MATH 0901 or MATH 1000 are encouraged to take these in the summer, prior to their freshman year, to avoid delaying their progress into biology major courses.