

Recommended Credits

|                |          |   |  |  |   |  |                                    | Recommended Credits |  |
|----------------|----------|---|--|--|---|--|------------------------------------|---------------------|--|
| <b>Year 01</b> | Fall     | GE 1000/3000 Transition to Kean/Transfer Transitions 1 cr | ENG 1030 College Composition 3 cr  | MATH 1000 or 1010 or 1016 or 1030 or 1054 3 cr       | COMM 1402 Speech Communication 3 cr         | AH 1700 Art History (or ID 1500) 3 cr            | ES 1100 Intro to Astronomy 4 cr    | 17                  |  |
|                | Winter   |   |  |  |   |  |                                    |                     |  |
|                | Spring   | ENG 2403 World Literature 3 cr                            | MUS 1050 or 1000 Music 3 cr  | HIST 1062 Worlds of History 3 cr                     | PSY 1000 Psychology 3 cr                    | ES 1010 World Geography 3 cr                     | GE 2022 Research & Technology 3 cr | 18                  |  |
|                | Summer   | BIO 1000 Prin of Biology 4 cr                             | EMSE 1996 Freshman Research (OPTIONAL; may be taken twice for credit) 1 cr |  |   |  |                                    | 4 to 5              |  |
| <b>Year 02</b> | Fall     | MATH 1010 or 1016 or 1030 or 1054 3 cr                    | ENV 1100 Foundations of Env Science 4 cr                                   | PSY 2100 Child Psychology 3 cr                       | ID 2052 Human Exceptionality 3 cr           | PSY 2110 Psychology of Adolescence 3 cr          |                                    | 16                  |  |
|                | Winter   |   |  |  |   |  |                                    |                     |  |
|                | Spring   | SPED 2200 Multicult Learner Diverse Sett 3 cr             | EMSE 2800 Sophmore Field Experience 3 cr                                   | ID 3051 Comp Tech Today's Socieity 3 cr              | ES 1200 Intro to Geology 4 cr               | ES 1300 Intro to Meteorology 4 cr                |                                    | 17                  |  |
|                | Summer   | HIST 2303 or HIST 2304 3 cr                               |  |  |   |  |                                    | 3                   |  |
| <b>Year 03</b> | Fall     | EDUC 3000 Curriculum Eval Learner 3 cr                    | EMSE 3140 Social Studies Cont. Issues 3 cr                                 | ID 3162 Families as Collab Class in Schl & Comm 3 cr | ES 2400 Intro to Oceanography 4 cr          | ES, ENV, SUST 3000-4000 Major Elective 3 or 4 cr |                                    | 16 to 17            |  |
|                | Winter   |   |  |  |   |  |                                    |                     |  |
|                | Spring   | HIST 2303 or HIST 2304 3 cr                               | ES 4981 Major Capstone 3 cr  | ES, ENV, SUST 3000-4000 Major Elective 4 cr          | ES, ENV, SUST 3000-4000 Major Elective 4 cr |  |                                    | 14                  |  |
|                | Summer   |   |  |  |   |  |                                    |                     |  |
| <b>Year 04</b> | Fall     | EMSE 3123 Math & Sci Elem Educ 3 cr                       | EMSE 4712 Clinical Practice 1 3 cr   | EDUC 3400 Langt/Rdg in Pre/Elem Curr 3 cr            | ID 3163 Classroom Management 3 cr           | SPED 3000 Prin & Pract Contemp Educator 3 cr     |                                    | 15                  |  |
|                | Winter   |   |  |  |   |  |                                    |                     |  |
|                | Spring * | EMSE 4812 Professional Internship 9 cr                    | EMSE 4900 Senior Seminar 3 cr  |  |   |  |                                    | 12                  |  |
|                |          |   |  |  |   |  | <b>TOTAL</b>                       | <b>132-134</b>      |  |

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

SCHOOL OF CURRICULUM & TEACHING in the COLLEGE OF EDUCATION  
**B.A. ELEMENTARY MIDDLE EDUC K-6/5-8 TSD (24119)**  
 4 Year Plan EARTH SCIENCE

9/17/2019