

College of Education

Interim Dean, Dr. Frank J. Esposito

Assistant to the Dean, Mr. Ronald Dowdell

For certification in subject areas K-12, see the appropriate liberal arts or science major. The College of Education at Kean University has achieved national recognition as the largest producer of teachers in the state of New Jersey. Since 1955, it has continued to earn accreditation by the National Council for the Accreditation of Teacher Education. Notably, only one-third of the schools that produce teachers in the United States earn this certification. Today, Kean graduates are making a real difference in the lives of young people both in the United States and abroad. The College of Education boasts an outstanding faculty, who are truly dedicated to the success of teacher candidates.

ACADEMIC DEGREES, PROGRAMS

- B.S. in Athletic Training
- B.A. in Early Childhood
- B.A. in Elementary Education
- B.A. in Elementary Education,
Bilingual Education Option
- B.A. in Physical Education
 - Adult Fitness Option
 - Health and Physical Education Teaching Certification Option
 - Physical Education Teaching Certification Option
- B.A. in Recreation Administration
 - Therapeutic Recreation Option
 - Commercial Recreation Option
 - Community Recreation Option
- B.A. in Speech and Hearing
 - Speech-Language
 - Hearing Sciences
- B.A. in Special Education - Teacher of Students with Disabilities
 - Options include P-3, K-5, K-5/5-8

DEPARTMENTS, FACULTY

Communication Disorders and Deafness
Faculty: Bartolotta, Gertner, Glazewski, Lecomte, Goodman, Perigoe, Reese, Santo-Pietro, Shulman (Chairperson)

Communication Sciences and Educational Services

Faculty: Carmichael, Cohen, Crew, Karstadt, Kastner (Chairperson), Merlo, Rey, Risemberg, Schuman, Tracey, Walter, Young

Early Childhood and Family Studies

Faculty: Allen (Chairperson), Ashelman, Chen, Garnett, Hoffman, Kelly, Knight, Lenhoff, Martin, Rosen, Searson

Elementary, Middle and Secondary Education

Faculty: Baldassini, Banit, Brendzel, Bucciarelli, Cahir, Del Risco, Ippolito, Kavett, Kolodiy, Lopez, Mahan, Ortiz, Osborne, Preil, Reynolds, Schuhmann, Striplin, Walko, Walsh, Weiger (Chairperson), Weiner, Welch

Education Leadership

Faculty: Babo (Chairperson), Celso, Christie, Elovitz, Jackson, Mark, Walko

Physical Education, Recreation and Health

Physical Education Faculty: Andzel, Bakker (Chairperson), Ball, Burden, Martinez, Murgia, Oussaty, Palgi

Recreation Faculty: Marder, Stavola-Daly, Valentine

Health Faculty: Bonilla, Bowe, Feehan, MacLaury, Nixon

Special Education

Faculty: Beauchamp, Blake, Fennick, Fisher (Chairperson) Jonas, Kling, Lee, Segal, Simone, Strigari

Counselor Education

Faculty: Bride, Dodd, Gary (Chairperson), Mascari, McLean, Rodriguez-Solis, Stroh

Special Education

TEACHER OF STUDENTS WITH DISABILITIES

Chairperson: Dr. Elaine Fisher
HH-310, (908) 737-3843

Coordinator: Dr. Barbara Lee
HH- 317, (908) 737-3860

Candidates in the 'Teacher of Students with Disabilities' program will prepare to be **dually** certified in one of the eight options: P-3 (preschool – grade 3); K-5 (Kindergarten – grade 5); K-5 & K- 5-8(Kindergarten – grade 5 & 5-8 middle school); and dual certification in special education and K-12 History, English, Mathematics, Earth Science and Biology. Admission to the university does not guarantee admission into the College of Education. Candidates must pass the APT with a score of 435 or higher and have a minimum GPA of 2.75 for admission to the program. The admission requirements also include candidates achieving a B- or better in ENG 1030, Math 1000, Speech Communication 1402, ID 2052 (Human Exceptionality), SPED 2120 (Introductory Field), SPED 2200 (Multicultural Learner in Diverse Settings), passing a speech and hearing test, and filing an application with the department. Candidates must also apply to their academic major department for admission to the program.

Teacher certification requirements include the satisfactory completion of field experiences in the sophomore and junior years as well as passing the Praxis II General Content Knowledge prior to the full semester of the Professional internship during the senior year. **A grade of C or better is required in all Education and Interdisciplinary courses (except where B- or better is specified).** Due to the dual nature of the certification, candidates will be required to complete split placements in both Preprofessional and Professional experiences between the general education setting and special education setting.

Students may be interested in pursuing positions in public and private school teaching, extended employment settings, group homes, programs for adults with disabilities, and with private agencies serving the developmentally disabled.

B.A. DEGREE SPECIAL EDUCATION

MAJOR: TEACHER OF STUDENTS WITH DISABILITIES

OPTION: P-3

GENERAL EDUCATION 65-66

FOUNDATIONS REQUIREMENTS 13

GE 1000 Transition to Kean** 1

*[** Required of all Freshman and transfers with fewer than 10 credits. If waived, student can substitute credit with Free Elective.]*

ENG 1030 Composition 3
MATH 1000 College Algebra 3
COMM 1402 Speech Communication 3
GE 2022 Research & Technology 3

DISCIPLINARY & INTERDISCIPLINARY REQUIREMENTS 31-32

**Humanities (9 credits from three areas)*

ENG 2403 World Literature 3
Performing Arts
(Choose two of the following):
Fine Art 1000 or 1100 or 1230 3
Music 1050 or 1517 3
Theatre 1100 3

**Social/Behavioral Sciences (9 credits from 3 areas)*

HIST 1000 History of Civil Society in America 3
PSY 1000 General Psychology 3
SOC 1000 Introduction to Sociology 3

**Science & Mathematics 10-11*

MATH (Rec Math 1010) 3
BIO 1000 4

Select One:

Astronomy, Biology, Chemistry, Earth Science, Geology, Meteorology, or Physics 3 or 4

Health and Physical Education 3

ID 1225 Issues of Contemporary Health 3

ADDITIONAL REQUIREMENTS 21

PSY 3310 Psychology of Learning 3
PSY 2100 Child Psychology 3
ID 2052 Human Exceptionality 3
**ID 2950 Child and Technology 3
ID 3163 Building Inclusive Environments Through Positive Behavioral Supports 3

**ID 3210 Working with Infants, Toddlers, and Young Children in Diverse Settings 3

**ID 4240 Understanding Family and Community Partnerships in Education 3

***P3 approved courses = 13-15 credits*

ACADEMIC MAJOR 30 (OR MORE)

A minimum of 30 S.H. in a liberal arts or science major as outlined in the Kean University Catalog. See academic advisor in that department for requirements.

PROFESSIONAL EDUCATION 35

Sophomore Level

SPED 2120 Introductory Field Experience In Special Education 3

SPED 2200 The Multicultural Learner in Diverse Settings 3

Junior Level

SPED 3000 Principles and Practices for the Contemporary Educator (WE) 3

SPED 3001 Preprofessional Field Experience for Educators Across Settings 2

EDUC 3400 Language Arts/Reading in the Preschool and Elementary Curriculum 3

**EC 3250 Perspectives on Early Childhood Practice 3

Senior Level

**EC 4260 Supporting Emergent Literacy at Home and at School 3

**EC 4300 Teaching and Learning in Early Childhood Education II 3

SPED 4135 Special Education Student Teaching 9

SPED 4200 Educator in the Diversified Classroom 3
(SPED 4135 & SPED 4200 must be taken concurrently)

TOTAL 130 - 131

B.A. DEGREE SPECIAL EDUCATION

MAJOR: TEACHER OF STUDENTS WITH DISABILITIES

OPTION: K-5

GENERAL EDUCATION 66

FOUNDATIONS REQUIREMENTS 13

GE 1000 Transition to Kean** 1

*[** Required of all Freshman and transfers with fewer than 10 credits. If waived, student can substitute credit with Free Elective.]*

ENG 1030 Composition 3

MATH 1000 College Algebra 3

COMM 1402 Speech Communication 3

GE 2022 Research & Technology 3

DISCIPLINARY & INTERDISCIPLINARY REQUIREMENTS 32

**Humanities (9 credits from three areas)*

ENG 2403 World Literature 3

AH 1700 Art History 3

Music 1050 or 1000 Fundamentals or Survey 3

**Social/Behavioral Sciences (9 credits from 3 areas)*

HIST 1000 History of Civil Society in America 3

PSY 1000 General Psychology 3

GEOG 2010 World Geography 3

*Science & Mathematics 11
 MATH 1010 3
 BIO 1000 4
 Select One:

Astronomy, Biology, Chemistry,
 Earth Science, Geology,
 Meteorology, or Physics 4

Health and Physical Education 3
 ID 1225 Issues of Contemporary
 Health 3

ADDITIONAL REQUIREMENTS 21

PSY 3310 Psychology of Learning 3
 PSY 2100 Child Psychology 3
 ID 2052 Human Exceptionality 3
 ID 3051 Computer Technology in
 Today's Inclusive Society 3
 ID 3162 Families As Collaborators
 in the Classroom, School,
 and Community 3
 ID 3163 Building Inclusive
 Environments Through
 Positive Behavioral Supports 3
 HIST 2304 U.S. History
 1877 to Present 3

ACADEMIC MAJOR 30 (OR MORE)

A minimum of 30 S.H. in a liberal arts or sci-
 ence major as outlined in the Kean
 University Catalog. See academic advisor in
 that department for requirements.

PROFESSIONAL EDUCATION 35

Sophomore Level
 SPED 2120 Introductory Field
 Experience In Special
 Education 3
 SPED 2200 The Multicultural Learner
 in Diverse Settings 3

Junior Level
 SPED 3000 Principles and Practices
 for the Contemporary
 Educator (WE) 3
 SPED 3001 Preprofessional Field
 Experience for Educators
 Across Settings 2
 EMSE 3123 Math & Science in
 Elementary Education 3
 EDUC 3400 Language Arts/Reading
 in the Preschool and
 Elementary Curriculum 3
 EMSE 3140 Social Studies and
 Contemporary Issues 3

Senior Level
 SPED 4000 Styles of Learning and
 Promoting Literacy 3
 SPED 4135 Special Education
 Student Teaching 9
 SPED 4200 Educator in the
 Diversified Classroom
 (SPED 4135 & SPED 4200
 must be taken concurrently) 3

TOTAL 131

**B.A. DEGREE SPECIAL
 EDUCATION**

**MAJOR: TEACHER OF STUDENTS
 WITH DISABILITIES**

OPTION: K-5/5-8

GENERAL EDUCATION 66

FOUNDATIONS REQUIREMENTS 13

GE 1000 Transition to Kean** 1

[** Required of all Freshman and transfers with
 fewer than 10 credits. If waived, student can sub-
 stitute credit with Free Elective.]

ENG 1030 Composition 3
 MATH 1000 College Algebra 3
 COMM 1402 Speech Communication 3
 GE 2022 Research & Technology 3

**DISCIPLINARY & INTERDISCIPLINARY
 REQUIREMENTS 32**

*Humanities (9 credits from three areas)

ENG 2403 World Literature 3
 AH 1700 Art History 3
 Music 1050 (Recommended) or
 1000 Fundamentals
 or Survey 3

*Social/Behavioral Sciences
 (9 credits from 3 areas)

HIST 1000 History of Civil Society
 in America 3
 PSY 1000 General Psychology 3
 GEOG 2010 World Geography 3

*Science & Mathematics 11
 MATH 1010 3
 BIO 1000 4
 Select One:

Astronomy, Biology, Chemistry,
 Earth Science, Geology,
 Meteorology, or Physics 4

Health and Physical Education 3
 ID 1225 Issues of Contemporary
 Health 3

ADDITIONAL REQUIREMENTS 21

PSY 2110 Psychology of Adolescence 3
 PSY 3310 Psychology of Learning 3
 PSY 2100 Child Psychology 3
 ID 2052 Human Exceptionality 3
 ID 3051 Computer Technology in
 Today's Inclusive Society 3
 ID 3163 Building Inclusive
 Environments Through
 Positive Behavioral Supports 3
 HIST 2304 U.S. History
 1877 to Present 3

ACADEMIC MAJOR 30 (OR MORE)

A minimum of 30 S.H. in a liberal arts or sci-
 ence major as outlined in the Kean
 University Catalog. See academic advisor in
 that department for requirements. The 5-8
 Endorsement is available to those whose

academic major is: English, Mathematics,
 Chemistry/Physics, Biology, Earth Science,
 History, Spanish, or Math/Science
 /Technology. To be eligible for the elemen-
 tary school with subject matter with
 specialization endorsement, the candidate
 must pass the Elementary Content
 Knowledge Praxis and the Praxis in the area
 of specialization.

PROFESSIONAL EDUCATION 35

Sophomore Level
 SPED 2120 Introductory Field
 Experience In Special
 Education 3
 SPED 2200 The Multicultural Learner
 in Diverse Settings 3

Junior Level
 SPED 3000 Principles and Practices
 for the Contemporary
 Educator (WE) 3
 SPED 3001 Preprofessional Field
 Experience for Educators
 Across Settings 2

EMSE 3123 Math & Science in
 Elementary Education 3
 EDUC 3400 Language Arts/Reading
 in the Preschool and
 Elementary Curriculum 3
 EMSE 3140 Social Studies and
 Contemporary Issues 3
 EMSE 3300 Curriculum & Philosophy
 in Middle School 3

Senior Level
 SPED 4135 Special Education
 Student Teaching 9
 SPED 4200 Educator in the
 Diversified Classroom 3
 (SPED 4135 & SPED 4200
 must be taken concurrently)

TOTAL 131

B.A. DEGREE ENGLISH

**MAJOR: ENGLISH/TEACHER OF
 STUDENTS WITH DISABILITIES**

**OPTION: DUAL CERTIFICATION FOR
 TEACHER OF STUDENTS WITH
 DISABILITIES AND K-12 ENGLISH**

GENERAL EDUCATION 62-63

FOUNDATIONS REQUIREMENTS 13

GE 1000 Transition to Kean** 1

[** Required of all Freshman and transfers with
 fewer than 10 credits. If waived, student can sub-
 stitute credit with Free Elective.]

ENG 1030 Composition 3
 MATH 1000 College Algebra 3
 COMM 1402 Speech Communication 3
 GE 2023 Research & Technology 3

DISCIPLINARY & INTERDISCIPLINARY REQUIREMENTS 31 -32

*Humanities	9
ENG 2403 World Literature	3
Select two courses from two different areas:	
Fine Arts or Art History	3
Music or Theatre	3
Philosophy or Religion	3
*Social/Behavioral Sciences	9
HIST 1000 History of Civil Society in America	3
PSY 1000 General Psychology	3
SOC 1000 or ANTH 1800	3

*Science & Mathematics	10-11
MATH 1010	3
BIO 1000	4
Select One:	
Astronomy, Biology, Chemistry, ID, Geology, Meteorology, or Physics	3 or 4
Health and Physical Education	3
ID 1225 Issues of Contemporary Health	3

ADDITIONAL REQUIREMENTS 18

COMM2405 Public Speaking	3
PSY 2110 Psychology of Adolescence	3
ID 2052 Human Exceptionality	3
ID 3051 Computer Technology in Today's Inclusive Society	3
ID 3163 Building Inclusive Environments Through Positive Behavioral Supports	3
ENG 2255 Young Adult Lit.	3

ACADEMIC MAJOR 39

A maximum of two C's is permitted in all English courses. All other grades in English must be at least a B-.

REQUIRED COURSES:

ENG 2000 Writing about Lit*	3
ENG 2001 Crit. Approaches to Lit.**	3
ENG 2101 Struct. & Orig. of English***	3
ENG 2205 British Literature I****	3
ENG 2206 British Literature II****	3
ENG 2220 American Literature I****	3
ENG 2221 American Literature II****	3
ENG 2215 Shakespeare Survey****	3

* This course should be taken at the very beginning of the major.

** This course should be taken immediately following (not before or with) ENG 2000.

*** Students passing a departmental challenge test in linguistics may substitute any upper-level linguistics elective for this course.

**** Survey courses should be taken before upper-level major electives.

ENGLISH ELECTIVES 12

(Must include at least 9 credits at the 3000 or 4000 level)

MAJOR/GE CAPSTONE COURSE

ENG 4800 Senior Seminar (WE)	3
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PROFESSIONAL EDUCATION 32

<i>Sophomore Level</i>	
SPED 2120 Introductory Field Experience In Special Education	3
SPED 2200 The Multicultural Learner in Diverse Settings	3

Junior Level

EDUC 3000 Curr. & Eval. & Learner	3
SPED 3000 Principles and Practices for the Contemporary Educator	3
SPED 3001 Preprofessional Field Experience for Educators Across Settings	2
EMSE 3210 English Education, K-12 (WE)	3
EDUC 3401 Language Arts/Reading, K-12	3

Senior Level

EDUC 4000 Teacher & Classroom	3
SPED 4135 Special Education Student Teaching (SPED 4135 & EDUC 4000 must be taken concurrently)	9

TOTAL 133 - 134

B.A. DEGREE HISTORY

MAJOR: HISTORY/TEACHER OF STUDENTS WITH DISABILITIES

OPTION: DUAL CERTIFICATION FOR TEACHER OF STUDENTS WITH DISABILITIES AND K-12 HISTORY

GENERAL EDUCATION 65-66

FOUNDATIONS REQUIREMENTS 13

GE 1000 Transition to Kean**	1
[** Required of all Freshman and transfers with fewer than 10 credits. If waived, student can substitute credit with Free Elective.]	
ENG 1030 Composition	3
MATH 1000 College Algebra	3
COMM1402 Speech Communication	3
GE 2023 Research & Technology	3

DISCIPLINARY & INTERDISCIPLINARY REQUIREMENTS 31-32

*Humanities (9 credits from three areas)	
ENG 2403 World Literature	3
Select two courses from two different areas:	
Music or Theatre	3
Philosophy or Religion	3

**Social/Behavioral Sciences (9 credits from 3 areas)*

HIST 1000 History of Civil Society in America	3
PSY 1000 General Psychology	3
SOC 1000 Introduction to Sociology	3

**Science & Mathematics 10-11*

MATH or Computer Science	3
BIO 1000	4
Select One:	
Astronomy, Biology, Chemistry, Earth Science, Geology, Meteorology, or Physics	3 or 4

HEALTH AND PHYSICAL EDUCATION 3

ID 1225 Issues of Contemporary Health	3
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ADDITIONAL REQUIREMENTS 21

PSY 2110 Psychology of Adolescence	3
ID 2052 Human Exceptionality	3
ID 3051 Computer Technology in Today's Inclusive Society	3
ID 3162 Families As Collaborators in the Classroom, School, and Community	3
ID 3163 Building Inclusive Environments Through Positive Behavioral Supports	3
ECON 1020 Principles of Economics I	3
GEOG 2010 World Geography	3

ACADEMIC MAJOR 33 (OR MORE)

See academic advisor in that department for requirements.

All major courses, including the capstone require a grade of C or better.

COURSES:

HIST 1030 Western Civilization	3
HIST 2303 US History I	3
HIST 2304 US History II	3

A 2000-3000 level course from either: African, Asian, Latin, or Middle Eastern History 3
Two 3000-4000 level in European History 6

MAJOR ELECTIVES:

HIST 3000 Perspect. In History	3
9 Semester Hours at the 3000-4000 level	9

MAJOR/GE CAPSTONE

HIST 4990 Senior Seminar (WE)	3
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PROFESSIONAL EDUCATION 32

<i>Sophomore Level</i>	
SPED 2120 Introductory Field Experience In Special Education	3
SPED 2200 The Multicultural Learner in Diverse Settings	3

<i>Junior Level</i>			
EDUC 3000	Curr. & Eval. & Learner	3	
SPED 3000	Principles and Practices for the Contemporary Educator (WE)	3	
SPED 3001	Preprofessional Field Experience for Educators Across Settings	2	
EDUC 3401	Language Arts/Reading, K-12	3	
EMSE 3240	Social Studies and Contemporary Issues	3	
<i>Senior Level</i>			
SPED 4135	Special Education Student Teaching	9	
EDUC 4000	Teacher & Classroom (SPED 4135 & EDUC 4000 must be taken concurrently)	3	
TOTAL		133 -134	

B.A. DEGREE MATHEMATICAL SCIENCES

MAJOR: MATH/TEACHER OF STUDENTS WITH DISABILITIES

OPTION: DUAL CERTIFICATION FOR TEACHER OF STUDENTS WITH DISABILITIES AND K-12 MATH

GENERAL EDUCATION 64 - 65

FOUNDATIONS REQUIREMENTS 13

GE 1000 Transition to Kean** 1

*[** Required of all Freshman and transfers with fewer than 10 credits. If waived, student can substitute credit with Free Elective.]*

ENG 1030 Composition 3

MATH 1000 College Algebra 3

COMM 1402 Speech Communication 3

GE 2024 Research & Technology 3

DISCIPLINARY & INTERDISCIPLINARY REQUIREMENTS 31 - 32

**Humanities (9 credits from three areas)*

ENG 2403 World Literature 3

Select two courses from two different areas:

Fine Arts or Art History 3

Music or Theatre 3

Philosophy or Religion 3

**Social/Behavioral Sciences (9 credits from 3 areas)*

HIST 1000 History of Civil Society in America 3

PSY 1000 General Psychology 3

SOC 1000 Introduction to Sociology 3

ANTH 1800

**Science & Mathematics 10-11*

MATH 1054 Pre-Calculus 3

PHYS 2095 Physics I OR
PHYS 2091 General 4

Select One:			
Astronomy, Biology, Chemistry, Geology, Meteorology, Physics or Interdisciplinary 3 or 4			
<i>Health and Physical Education</i> 3			
ID 1225	Issues of Contemporary Health	3	
ADDITIONAL REQUIREMENTS 20			
PSY 2110	Psychology of Adolescence	3	
CPS 1231	Fund. of Computer Science	4	
CPS 2231	Comp. Org. & Prog	4	
ID 2052	Human Exceptionality	3	
ID 3051	Computer Technology in Today's Inclusive Society	3	
ID 3163	Building Inclusive Environments Through Positive Behavioral Supports	3	

ACADEMIC MAJOR 40

A minimum of 28+9 credits of electives in Math major as outlined in the Kean University catalog. See academic advisor in that department for requirements.

All major courses, including the Capstone, require a grade of C or better.

COURSES:

MATH 2411 Calculus I 3

MATH 2412 Calculus II 3

MATH 2800 Mathematical Software 1

MATH 2995 Matrix & Linear Algebra 3

MATH 3110 Intro to Proofs 3

MATH 3342 Eucl. & Non-Eucl. Geom 3

MATH 3451 Calculus III 3

MATH 3452 Calculus IV 3

MATH 3455 Differential Equations 3

MATH 3544 Probability & Math Stat. 3

MAJOR ELECTIVES 9

Selected with departmental advisement at the 3000-4000 level.

MAJOR/GE CAPSTONE COURSE

MATH 4890 Senior Seminar In Math (WE) 3

PROFESSIONAL EDUCATION 32

Sophomore Level

SPED 2120 Introductory Field Experience In Special Education 3

SPED 2200 The Multicultural Learner in Diverse Settings 3

Junior Level

EDUC 3000 Curr. & Eval. & Learner 3

SPED 3000 Principles and Practices for the Contemporary Educator (WE) 3

SPED 3001 Preprofessional Field Experience for Educators Across Settings 2

EMSE 3220	Math Education in K-12	3	
EDUC 3401	Language Arts/Reading, K-12	3	

Senior Level

EDUC 4000 Teacher & Classroom 3

SPED 4135 Special Education Student Teaching (SPED 4135 & EDUC 4000 must be taken concurrently) 9

TOTAL 136 - 137

B.S. DEGREE EARTH SCIENCE

MAJOR: EARTH SCIENCE/TEACHER OF STUDENTS WITH DISABILITIES

OPTION: DUAL CERTIFICATION FOR TEACHER OF STUDENTS WITH DISABILITIES AND K-12 EARTH SCIENCE

GENERAL EDUCATION 69

FOUNDATIONS REQUIREMENTS 13

GE 1000 Transition to Kean** 1

*[** Required of all Freshman and transfers with fewer than 10 credits. If waived, student can substitute credit with Free Elective.]*

ENG 1030 Composition 3

MATH 1000 College Algebra 3

COMM 1402 Speech Communication 3

GE 2024 Research & Technology 3

DISCIPLINARY & INTERDISCIPLINARY REQUIREMENTS 32

**Humanities (9 credits from three areas)*

ENG 2403 World Literature 3

Select two courses from two different areas:
Music or Theatre 3

Philosophy or Religion 3

**Social/Behavioral Sciences (9 credits from 3 areas)*

HIST 1000 History of Civil Society in America 3

PSY 1000 General Psychology 3

SOC 1000 or ANTH 1800 3

**Science & Mathematics 11*

MATH 2411 Calculus 3

BIO 1000 Principles of Biology 4

CHEM 1083 Chemistry I 4

Health and Physical Education 3

ID 1225 Issues of Contemporary Health 3

ADDITIONAL REQUIREMENTS 24

PSY 2110 Psychology of Adolescence 3

CHEM 1084 Chemistry II 4

PHYS 2091 General Physics I 4

PHYS 2092 General Physics II 4

ID 2052 Human Exceptionality 3

ID	3051	Computer Technology in Today's Inclusive Society	3
ID	3163	Building Inclusive Environments Through Positive Behavioral Supports	3

ACADEMIC MAJOR 31

A minimum of 31 credits in Earth Science courses as outlined in the Kean University catalog. See academic advisor in that department for requirements. All major courses, including the Capstone, require a grade of C or better.

REQUIRED COURSES:

ASTR	1100	Intro to Astronomy	4
GEOL	1200	Intro to Geology	4
METR	1300	Intro to Meteorology	4
METR	2300	Climatology	3
GEOL	3266	Hydrology	4
OCEAN	3453	Oceanography	4
		One of the following courses:	4
		GEOL 3261, GEOL 3263, GEOL 3264, GEOL 3265	

MAJOR/GE CAPSTONE COURSE

ES	4953-4954	E.S. Seminar I& II (WE)	2,2
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OR

ES	4963-4964	E.S. Honors Research Seminar I&II	2,2
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PROFESSIONAL EDUCATION 32

Sophomore Level

SPED	2120	Introductory Field Experience In Special Education	3
SPED	2200	The Multicultural Learner in Diverse Settings	3

Junior Level

EDUC	3000	Curr. & Eval. & Learner	3
SPED	3000	Principles and Practices for the Contemporary Educator	3
SPED	3001	Preprofessional Field Experience for Educators Across Settings	2
EMSE	3230	Science Education K-12	3
EDUC	3401	Language Arts/Reading, K-12	3

Senior Level

EDUC	4000	Teacher & Classroom	3
SPED	4135	Special Education Student Teaching (SPED 4135 & EDUC 4000 must be taken concurrently)	9

TOTAL 132

B.A. DEGREE BIOLOGY

MAJOR: BIOLOGY/TEACHER OF STUDENTS WITH DISABILITIES

OPTION: DUAL CERTIFICATION FOR TEACHER OF STUDENTS WITH DISABILITIES AND K-12 BIOLOGY

GENERAL EDUCATION 68

FOUNDATIONS REQUIREMENTS 13

GE	1000	Transition to Kean**	1
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*[** Required of all Freshman and transfers with fewer than 10 credits. If waived, student can substitute credit with Free Elective.]*

ENG	1030	Composition	3
MATH	1000	College Algebra	3
COMM	1402	Speech Communication	3
GE	2024	Research & Technology	3

DISCIPLINARY & INTERDISCIPLINARY REQUIREMENTS 32

**Humanities (9 credits from three areas)*

ENG	2403	World Literature	3
		Select two courses from two different areas:	
		Fine Arts or Art History	3
		Music or Theatre	3
		Philosophy or Religion	3

**Social/Behavioral Sciences (9 credits from 3 areas)*

HIST	1000	History of Civil Society in America	3
PSY	1000	General Psychology	3
SOC	1000 or ANTH 1800		3

**Science & Mathematics*

MATH	1054	Pre-Calculus	3
CHEM	1083	Chemistry I	4
CHEM	1084	Chemistry II	4

Health and Physical Education

ID	1225	Issues of Contemporary Health	3
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ADDITIONAL REQUIREMENTS 23

PSY	2110	Psychology of Adolescence	3
PHYS	2091	General Physics I	4
PHYS	2092	General Physics II	4
ES	1000	Observing the Earth	3
ID	2052	Human Exceptionality	3
ID	3051	Computer Technology in Today's Inclusive Society	3
ID	3163	Building Inclusive Environments Through Positive Behavioral Supports	3

ACADEMIC MAJOR

A minimum of 31 credits as a Bio Science major as outlined in the Kean University catalog. See academic advisor in that department for requirements. Note - No Major Capstone course. All major courses require a grade of C or better.

REQUIRED COURSES: 31 (OR MORE)

BIO	2200	Cell Biology	4
BIO	2400	Genes, Organisms, Pop.	4
BIO	2500	Prin. of Botany	4
BIO	3400	Zoology Form & Function	4
BIO	3614	Prin. of Ecology	4
BIO	3704	Prin. of Genetics	3

MAJOR ELECTIVES 8

At the 3000-4000 level, selected with departmental advisement.

PROFESSIONAL EDUCATION 32

Sophomore Level

SPED	2120	Introductory Field Experience In Special Education	3
SPED	2200	The Multicultural Learner in Diverse Settings	3

Junior Level

EDUC	3000	Curr. & Eval. & Learner	3
SPED	3000	Principles and Practices for the Contemporary Educator (WE)	3
SPED	3001	Preprofessional Field Experience for Educators Across Settings	2
EMSE	3230	Math & Science K-12	3
EDUC	3401	Language Arts/Reading, K-12	3

Senior Level

EDUC	4000	Teacher & Classroom	3
SPED	4135	Special Education Student Teaching (SPED 4135 & EDUC 4000 must be taken concurrently)	9

TOTAL 131

SPECIAL EDUCATION COURSES

INTERDISCIPLINARY COURSES

(The following courses are found under Interdisciplinary Courses (See Index).

GENERAL AND INTRODUCTORY

ID 2052 Human Exceptionality (3)
This course provides an overview of the historical, legal, etiology, and needs of individuals with disabilities.

ID 3051 Computer Technology in Today's Inclusive Society (3)
Information is presented relevant to basic computer/technology operations and concepts and adaptive devices and software used in the inclusive classroom.
Prerequisite: ID 2052

ID 3162 Families As Collaborators in the Classroom, School, and Community (3)
Group dynamics theory and practice will be examined to promote collaboration and consultation between families and professionals. Transitioning communication strategies and collaborative practices will be discussed.
Prerequisite: ID 2052

ID 3163 Building Inclusive Environments Through Positive Behavioral Supports (3)
This course explores effective management practices for inclusive classrooms. Behavioral theories, functional behavioral assessment, and development of positive behavioral intervention plans will be presented.
Prerequisites: ID 2052, SPED 3001,

Acceptance into TSD Program

PROFESSIONAL EDUCATION TEACHER OF STUDENTS WITH DISABILITIES

SPED 2120 Introductory Field Experience in Special Education (3)

This field-based course will provide students with information about organizational structures, professional behaviors and ethics, and service delivery models across the continuum of educational services recommended for the education of students.

Prerequisite: 2.75 Cumulative GPA, ID 2052 and successful completion of 40 college credits
Corequisite: SPED 2200

SPED 2200 The Multicultural Learner in Diverse Settings (3)

Characteristics of the diverse learners in multicultural settings will be emphasized, along