

KEAN UNIVERSITY – COLLEGE OF NATURAL, APPLIED AND HEALTH SCIENCES
(78298) B.A. IN MATHEMATICAL SCIENCES (TEACHER CERTIFICATION OPTION): 136 Semester Hours (S.H.)
DUAL CERTIFICATION FOR TEACHER OF STUDENTS WITH DISABILITIES AND K-12 MATH
EFFECTIVE DATE: Fall 2009 **START TERM: _____**

NAME		TRANSFER INSTITUTIONS (X)	Credits:
STUDENT ID#		In Progress	
GENERAL EDUCATION: 44-45 Semester Hours (S.H.)		ACADEMIC MAJOR AND CAPSTONE REQUIREMENTS³:	40 S.H.
Foundation Requirements¹: 13 S.H.	S.H.	A minimum of 28 + 9 S.H. of Electives in Math major as outlined in the Kean University Catalog. See academic advisor in that department for requirements.	
GE 1000 Transition to Kean ²	1	Required Courses: 28 S.H.	
ENG 1030 Composition**	3	MATH 2411 Calculus I	3
MATH 1000 Algebra for College Students**	3	MATH 2412 Calculus II	3
COMM 1402 Speech Communication**	3	MATH 2800 Mathematical Software	1
GE 2024 Research & Technology	3	MATH 2995 Matrix & Linear Algebra	3
		MATH 3110 Intro to Proofs	3
Disciplinary and Interdisciplinary Distribution Requirements:		MATH 3342 Eucl & Non-Eucl Geom	3
		MATH 3451 Calculus III	3
		MATH 3452 Calculus IV	3
Humanities: 9 S.H.		MATH 3455 Differential Equations	3
*ENG 2403 World Literature	3	MATH 3544 Probability & Math Stat	3
Select two courses from different areas:		Major Electives: 9 S.H. (DEPT. ADVSMT 3000-4000 LEVEL)	
Fine Arts or Art History	3	MATH	3
Philosophy or Religion	3	MATH	3
Music or Theatre	3	MATH	3
Social Sciences: 9 S.H.		GE/Major Capstone	
*HIST 1000 Civil Society in America	3	MATH 4890 Senior Seminar in Mathematics	3
PSY 1000 General Psychology ⁴	3		
SOC 1000 Intro to Sociology OR ANTH 1800 Cultural Anthropology	3	PROFESSIONAL EDUCATION: 32 S.H. (C OR BETTER)	
		Sophomore level	
		+SPED 2120 Introductory Field Exp **	3
Science and Mathematics: 10-11 S.H.		+SPED 2200 Multicult Learner in Diverse Settings **	3
*MATH 1054 Precalculus	3	Junior Level	
PHYS 2095 Physics I OR PHYS 2091 General Physics I	4	EDUC 3000 Curriculum Evaluation and Learner	3
Select one course from the following:		+SPED 3000 Prin & Pract Contemp Educ ^{WE}	3
BIO, CHEM, AST, GEOL, MET, PHYS, Or ID	3/4	+SPED 3001 Preprofessional Field Exp	2
		+EMSE 3220 Math Ed in K – 12	3
Health & Physical Education: 3 S.H.		+EDUC 3401 Lang/Rdg in Sec Curr	3
ID 1225 Issues in Contemporary Health	3	Senior Level	
		EDUC 4000 Teacher and Classroom	3
ADDITIONAL REQUIRED COURSES: 20 S.H.		SPED 4135 PROFESSIONAL FIELD EXP ⁵ (SPED 4135 AND EDUC 4000 MUST BE TAKEN CONCURRENTLY)	
PSY 2110 Psychology of Adolescence ⁴	3		
CPS 1231 Fund of Comp Science	4	Special Notes:	
CPS 2231 Comp Org and Prog	4	* G.E. required course	
+ID 2052 Human Exceptionality**	3	** A grade of B- or higher.	
ID 3051 Computer Tech Today's Inclu Soc	3	+ Prerequisite: 2.75 Cumulative GPA	
ID 3163 Bldg Inclu Environ Pos Beh Sup	3	^{WE} Writing-Emphasis Requirement: All students are required to complete at least one Writing-Emphasis course. The ^{WE} course should be within the major.	
		1. See prerequisites and equivalencies on page 3.	
		2. Required of all Freshmen and Transfers with fewer than 10 credits.	
		3. All major courses, including the Capstone require a grade of C or better.	
		4. PSY 1000 is a prerequisite to PSY2110.	
		5. Prerequisite: Passing Score on appropriate Praxis II exam.	
		TOTAL CREDITS:	
		Advisor:	
		Advisor Signature:	

Prior to admission to the Department of Special Education and Teacher of Students with Disabilities Program, the following criteria must be met:

- A cumulative grade point average of **2.75** or better;
- A speech and language screening test (please call **908-737-5819** for an appointment on campus);
- A minimum grade of "**B-**" in **ENG 1030**: Composition;
- A minimum grade of "**B-**" in **MATH 1000**: College Algebra;
- A minimum grade of "**B-**" in **ID 2052**: Human Exceptionality;
- A minimum grade of "**B-**" in **COMM 1402**: Speech Comm. As Critical Citizenship
- Satisfactory completion (with a grade of **B-** or better) of **SPED 2120** (Introductory Field Experience), or in the case of transfer students, an equivalent experience; and **SPED 2200**;
- Achieve a passing score on Praxis I;
- A minimum of **60** credits.

Exit Requirements:

- A cumulative grade point average of **2.75** or better;
- Satisfactory completion of all course requirements.

**YOU MUST BRING THIS EVALUATION AND YOUR KEAN UNIVERSITY TRANSCRIPT
TO ALL ADVISING/REGISTRATION SESSIONS.**

**The Department of Special Education is located in Hennings Hall, Room 318 (908.737.3850).
The Department of Mathematics is located in Science Bldg., Rm. 233 (908.737.3701).**

Comments:

Evaluator's Signature _____

Date _____

Advisor's Signature _____

Date _____

Advisor's Signature _____

Date _____

Advisor's Signature _____

Date _____

Advisor's Signature _____

Date _____

Advisor's Signature _____

Date _____

Advisor's Signature _____

Date _____

Advisor's Signature _____

Date _____

Advisor's Signature _____

Date _____

Advisor's Signature _____

Date _____

Advisor's Signature _____

Date _____

Advisor's Signature _____

Date _____

Advisor's Signature _____

Date _____

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.

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, printed in the Registration Bulletin. These courses are designated as **GEHU**, **GESS**, **GESM**, or **GEHPE**.

REQUIRED GE DISTRIBUTION COURSES

ENG 2403 is a **required** Humanities Distribution course with an emphasis on diversity.

HIST 1000 is a **required** Social Sciences Distribution course with an emphasis on diversity.

MAJOR/GE CAPSTONE COURSE

A Capstone course is a major course that satisfies three credits of GE requirements. Each major guide sheet will count three credits for the Capstone as either GE credits or major credits, but not both.

UNIVERSITY REQUIREMENT: WRITING-EMPHASIS

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.