

# 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

# Elementary, Middle, and Secondary Education

## ELEMENTARY EDUCATION

Chairperson: Dr. Myra Weiger

W-105D, (908) 737-4287

Students wishing to teach children from kindergarten through the fifth grade may choose a career in elementary education. Successful completion of the program will qualify the student for New Jersey certification (K-5). The student majoring in elementary education must also choose an academic major in English, mathematics, history, Spanish, or the sciences (biology, chemistry/physics, earth science). There is a new academic major available to Elementary Education majors in Mathematics, Science, and Technology. That major may be found under programs in Biology, Earth Science, Mathematics, and Technology.

### Requirements for Admission to B.A. Elementary Education (all options)

Students must complete the following requirements in order to be accepted into the Elementary Education Program: complete a minimum of 30 credits of course work; achieve a combined 2.75 G.P.A. or higher from Kean University plus all transfer credits; earn a "B-" or better in each of 6 specific courses (Comm 1402, Eng 1030, Hist 2303, Math 1000 or 1010, Bio 1000, and EMSE 2800); pass the Academic Profile Test with a score of 439; complete the Speech and Language Screening Test; gain acceptance into an academic major; complete the application for admission; and be interviewed by the program coordinator or program advisor.

### Requirements for Admission to B.A. Elementary Education Program (bilingual option)

Students wishing to teach children whose native language is other than English may choose the bilingual option. Those successfully completing this program qualify for New Jersey teacher certification in elementary education (K-5), and a bilingual/multicultural endorsement. Requirements for admission are the same as the Elementary Education Program. An additional admission requirement to this program is competency in both languages of instruction, usually Spanish and English, as measured by the Language Evaluation Test administered by the Center for Bilingual Education at the University. Deficiencies in either language may be corrected through individual prescribed coursework.

### Requirements for 5 - 8 Endorsement (all options)

Students can earn a 5 - 8 endorsement (subject matter specialization) with their Elementary Education certificate if their academic major is English, mathematics, history, biology, chemistry/physics, earth science, Spanish, or Math/Science/Technology,

and they take additional courses in Middle School education. To be eligible for elementary school with subject matter specialization endorsement, the candidate must pass the Elementary Content Knowledge Praxis and the Praxis in the area of specialization.

### Additional Information for the Elementary Education Program (all options)

Students must be accepted to the respective program and achieve a combined 2.75 G.P.A. (or higher) from Kean plus all transfer credits in order to register for all 3000-4000 level courses. New students to the programs must complete their respective program application no later than three weeks before the start of announced registration dates. Maintaining a combined 2.75 G.P.A. is required for continuation in and graduation from the program. Students must earn a "B-" or higher in each education course in order to register for EMSE 4800 or EMSE 4804.

## B.A. DEGREE

GE 1000 Transition to Kean 1

## GENERAL EDUCATION 63

## FOUNDATIONS REQUIREMENTS 12

ENG 1030 College Composition 3

MATH 1000 College Algebra 3

COMM 1402 Speech Communication 3

GE 2022 Research and Technology 3

## BREADTH REQUIREMENTS 33

### Humanities 9

ENG 2403 World Literature 3

AH 1700 Art History 3

MUS 1050 (recommended) 3

or Music 1000 3

### Social Sciences 9

PSY 1000 General Psychology 3

SOC 1000 Introduction to Sociology 3

## OR

ANTH 1800 Cultural Anthropology 3

HIST 1000 History of Civic Society in America 3

### Science & Mathematics 11

BIO 1000 Principles of Biology 4

One other lab science course:

Chemistry/Physics, Astronomy, Geology, or Meteorology 4

MATH 1010 Foundations of Math 3

### Health & Physical Education 4

ID 1225 Issues in Contemporary Health 3

One of the following:

PED 1101 Beginning Modern Dance 1

PED 1103 Beginning Jazz Dance 1

PED 1105 Folk & Square Dance 1

## ADDITIONAL COGNATES 18

PSY 2100 Child Psychology 3

ENG 2303 US History to 1877 3

HIST 2304 US History 1877 to Present 3

ID 2950 The Child and Technology 3

ID 2955 Disabled Person in American Society 3

One other elective from the Humanities, Social, or Natural Sciences 3

## OR

PSY 2110 Psychology of Adolescence (5-8 cert.) 3

## ACADEMIC MAJOR 30

An academic major in a liberal arts area as outlined in the Kean catalog.

## PROFESSIONAL EDUCATION 30

### Sophomore Level

EMSE 2800 Exploring Teaching/ Lab Exp in Multicultural Elementary School Classrooms (K-8) 3

### Junior Level

EDUC 3000 Curriculum, Evaluation and the Learner 3

EDUC 3400 Language Arts/Reading in the Pre-School and Elementary Curriculum 3

EMSE 3123 Mathematics and Science in Education 3

EMSE 3140 Social Studies and Contemporary Issues in Education (WE) 3

EMSE 3800 Field Experience in Elementary School 2

EMSE 3903 Teaching ELL 1

EMSE 3802 Field Experience in Middle School (5-8 cert.) 2

EMSE 3300 Middle School Curriculum and Philosophy (5-8 cert.) 3

### Senior Level

EMSE 4800 Professional Internship: Elementary Teaching and Curriculum 9

EMSE 4900 Senior Seminar (Capstone) 3

## ELECTIVES 2

## TOTAL 129

(135 WITH 5-8 ENDORSEMENT)

**B.A. DEGREE****OPTION: BILINGUAL EDUCATION**

GE 1000 Transition to Kean 1

**GENERAL EDUCATION 66****FOUNDATIONS REQUIREMENTS 12**ENG 1030 College Composition  
(ENG 1300 and ENG 1430) 3

MATH 1000 College Algebra 3

COMM 1402 Speech Communication 3

GE 2022 Research and Technology 3

**BREADTH REQUIREMENTS 49***Humanities* 9

ENG 2403 World Literature 3

AH 1700 Art History 3

MUS 1050 (recommended)  
or Music 1000 3*Social Sciences* 9

PSY 1000 General Psychology 3

SOC 1000 Introduction to Sociology 3

**OR**

ANTH 1800 Cultural Anthropology 3

HIST 1000 History of Civic Society  
in America 3*Science & Mathematics* 11

BIO 1000 Principles of Biology 4

One other lab science course: Chemistry/  
Physics, Astronomy, Geology,  
or Meteorology 4

MATH 1010 Foundations of Math 3

*Health & Physical Education* 4ID 1225 Issues in Contemporary  
Health 3

One of the following:

PED 1101 Beginning Modern Dance 1

PED 1103 Beginning Jazz Dance 1

PED 1105 Folk &amp; Square Dance 1

**ADDITIONAL COGNATES 18**

PSY 2100 Child Psychology 3

HIST 2303 US History to 1877 3

HIST 2304 US History 1877 to Present 3

ID 2950 The Child and Technology 3

ID 2955 Disabled Person In  
American Society 3One other elective from the humanities,  
social, or natural sciences 3**OR**PSY 2110 Psychology of Adolescence  
(5-8 cert.) 3**ACADEMIC MAJOR 30**An academic major in a liberal arts area as  
outlined in the Kean catalog**PROFESSIONAL EDUCATION 36***Sophomore Level*EMSE 2800 Exploring Teaching/  
Lab Exp in Multicultural  
Elementary School  
Classrooms (K-8) 3*Junior Level*EDUC 3000 Curriculum, Evaluation  
and the Learner 3EDUC 3403 Language Arts/Reading  
in the Pre-School and  
Elementary Curriculum  
for LEP Students 3EMSE 3410 Teaching Techniques  
for Bilingual/Bicultural  
Classrooms 3EMSE 3800 Field Experience in  
Elem. School 2EMSE 4441 History and Culture  
of LEP Students 3*Senior Level*EMSE 3420 Basic Theory and Practice  
of Teaching ESL 3EMSE 4440 Intro. to Bilingual  
Education (WE) 3EMSE 4800 Professional Internship:  
Elementary Teaching  
and Curriculum\* 9

EMSE 4900 Senior Seminar (Capstone) 3

**TOTAL 135***\*Must be done in a bilingual setting.***DEPARTMENT OF EMSE  
COURSE DESCRIPTIONS**The Department of Elementary, Middle,  
and Secondary School offers a variety of  
programs in Instruction in Subject Areas K-  
12.Students registering for Instruction in  
Subject Areas K-12 programs must have a  
G.P.A. of 2.75 and a "B-" or better in  
Comm 1402, Eng 1030, and EMSE 2801.  
Students are also required to take and pass  
a speech examination. Students must have a  
G.P.A. of 2.75 or better combined, from  
Kean plus all transfer credits, and must have  
been formally admitted into the education  
program, to register for EMSE 3210, 3220,  
3230, 3240, 3250, 3801, 4801, Educ 3401,  
3000, 4000 and for the electives EMSE 3122  
and EMSE 3112.Students must earn a "B-" or higher in  
each education course in order to register  
for EMSE 4801. Grades below a "B-" must  
be remediated before students enroll in  
EMSE 4801. The added course credit will  
be counted as extra credit beyond the  
required 30 credits for the program. In  
addition, the academic major must be main-  
tained with a "B" or better (allowance for  
two "Cs").**EMSE 3121 Experiences in Geometry  
in Elementary School  
Mathematics (3)**Examination of the role of geometry in the  
elementary school mathematics program  
through an experiential and reflective  
approach to familiarize students with basic  
geometric concepts and their application to  
contemporary mathematics problems.**EMSE 3123 Mathematics and Science  
in Education (3)**Inquiry into the nature and content of ele-  
mentary mathematics and science and  
implications for teaching; the use of visual,  
manipulative, and computer materials; learn-  
ing theories pertaining to mathematics and  
science education; and current programs and  
materials.*Prerequisites: Declared major, 2.75 G.P.A., and  
a "B-" or better in at least one course in college  
mathematics, one course in laboratory science,  
and EMSE 2800.***EMSE 3140 Social Studies and  
Contemporary Issues in  
Education (3)**Examination of the objectives of elementary  
school social studies, teaching strategies and  
materials, programs, community resources,  
contemporary issues, and evaluation.*Prerequisite: Declared major, 2.75 G.P.A., "B-"  
or better in EMSE 2800.**Corequisites: EDUC 3000, EDUC 3400, EMSE  
3123, EMSE 3800.**Writing Emphasis Course***EMSE 3300 Middle School Curriculum  
and Philosophy (3)**Philosophy, objectives, materials, and tech-  
niques appropriate for teaching middle  
school students in the specific areas of spe-  
cialization. For a Middle School endorsement  
on an elementary education certificate.*Prerequisites: Declared major, 2.75 GPA**Corequisites: EMSE 3802, 3903***EMSE 3410 Teaching Techniques for  
Bilingual/Bicultural  
Classrooms (3)**Examination and evaluation of alternative  
methods and techniques for teaching content  
areas to bilingual/bicultural students in a mul-  
ticultural-multiethnic environment through  
hands-on and cooperative group experiences  
using English and the target languages of the  
learners.*Prerequisites: Declared major, 2.75 G.P.A.**Required for Bilingual Education majors.***EMSE 3903 English Language Learners in  
American Schools (1)**Introduction to strategies and techniques for  
facilitating instruction and language acquisi-  
tion of English Language Learners in general  
program/mainstream classrooms.*Corequisite: Preprofessional (Junior) Field  
Experience.*

**EMSE 4440 Introduction to Bilingual Education (3)**  
Examination of the history, legislation and concepts of bilingual education throughout the nation and neighboring countries.  
*Prerequisites:* Declared major, 2.75 G.P.A. Required for Bilingual Education majors. Writing Emphasis Course

**EMSE 4441 History and Culture of the Limited English Proficient Student (3)**  
Examination of the historical and experiential background, the socio-linguistic and cultural heritage, the resultant mental set of the limited English proficient student, and the use of computer materials as culture awareness assimilators.  
*Prerequisites:* Declared major, 2.75 G.P.A. Required for Bilingual Education majors.

### INDEPENDENT STUDY, SERVICE PROGRAMS

**EMSE 3900 Education and Community Institution: S.C.A.T.E. (3)**  
An invitation to students to consider the nature, aims, and methods of community institutions in the education of our citizens. Field experience arranged under the auspices of the Student Committee for Advancement Through Education (S.C.A.T.E.).

**EMSE 3901 Student Involvement and Educational Governance (3)**  
A formal introduction to prevalent issues in higher education and other educational institutions. Weekend seminar off-campus, participation in University community or community service.

**EMSE 3902 Student Participation in University Governance (3)**  
Student participation in group decision-making by University governance or advisory committees. Relationship of such actions to the total governance of the University and the New Jersey Division of Higher Education.

**EMSE 4910 Independent Study in Instruction, Curriculum and Administration (3)**  
Intensive study in area of elementary and/or secondary education or educational foundations, carried on individually under the guidance of a faculty member in education. Open only to seniors enrolled in elementary and secondary education programs with permission of instructor and department chairperson.

**INSTRUCTION IN SUBJECT AREAS-K-12, EMPHASIS GRADES 7-12**  
These courses do not meet elementary education major requirements.

**EMSE 3210 English Education K-12 (3)**  
An introduction to the teaching of English in grades K-12. Topics include the processes of language arts and literature, technology in writing and research, language and literacy instruction, English curricula, and the influence of media.

*Prerequisites:* Declared education major, 2.75 G.P.A., "B-" or better in EMSE 2801.  
*Corequisite:* EMSE 3801.  
*Writing Emphasis Course*

**EMSE 3220 Mathematics Education K-12 (3)**

Philosophy, objectives, and techniques of teaching mathematics in the public school. Overview of mathematics curriculum K-12; impact of technology on the mathematics classroom; production and critique of classroom instructional materials; microteaching.  
*Prerequisites:* Declared education major, 2.75 G.P.A., and "B-" or better in EMSE 2801.  
*Corequisite:* EMSE 3801.  
*Writing Emphasis Course*

**EMSE 3230 Science Education K-12 (3)**

An introduction to the teaching of science in grades K-12. Topics include the process of science, science technology and society; and science teaching, science curricula and the use of computers in science education.  
*Prerequisites:* Declared education major, 2.75 G.P.A., and "B-" or better in EMSE 2801.  
*Corequisite:* EMSE 3801.  
*Writing Emphasis Course*

**EMSE 3240 Social Studies Education K-12 (3)**

Structure and interrelationships of the components of social studies, the objectives and curricular patterns of social studies K-12, skills development and affective learning particular to social studies. Overview of teaching techniques and materials appropriate for social studies K-12 with an emphasis on middle and high school teaching.  
*Prerequisites:* Declared education major, 2.75 G.P.A., and "B-" or better in EMSE 2801.  
*Corequisite:* EMSE 3801.  
*Writing Emphasis Course*

**EMSE 3250 Foreign Language Education K-12 (3)**

Theories and applications of teaching foreign languages K-12, with varied values, objectives, and curriculum patterns, utilizing process and problem-solving approaches.  
*Prerequisite:* Declared education major, 2.75 G.P.A.  
*Corequisite:* EMSE 3801.  
*Writing Emphasis Course*

### K-12 CURRICULUM AND METHODS

**EMSE 3112 Children's Literature in Education (3)**  
Study of children's literature with special emphasis on multicultural literature and literature that treats exceptionalities. A cross-section of genre, thematic unit development, and collaborative literature discussion groups, with multimedia.  
*Prerequisite:* Declared major, 2.75 G.P.A.

**EMSE 3122 Computers in Education (3)**  
A broad-based course on the use of computers in the classroom and for personal use. Topics include the history of computers, computer terminology, application of software, multimedia and the internet.  
*Prerequisites:* Declared major, 2.75 G.P.A.

**EMSE 3420 Theory and Practice of Teaching English as a Second Language I (3)**  
Introduction to the linguistics method, materials and techniques of teaching English as a Second Language.  
*Prerequisites:* Declared major, 2.75 G.P.A.

**EMSE 3421 Theory and Practice of Teaching English as a Second Language II (3)**  
Teaching, testing, and planning in the ESL classroom.  
*Prerequisite:* EMSE 3420.

### FIELD EXPERIENCE

**EMSE 2800 Exploring Teaching/Laboratory Experiences in Multicultural Elementary School Classrooms (K-5) (3)**  
Introduction to teaching in multicultural, inclusive urban and suburban elementary schools including six day-long observations. Students write their initial philosophy of education and begin their professional portfolio.  
*Prerequisites:* 2.75 G.P.A.; B- in ENG 1030 and COMM 1402.

**EMSE 2801 Introductory Field Experiences in Subject Area Instruction K-12 (3)**  
Introduction to the practice of teaching in urban and suburban schools; to the profession of teaching; and to the purposes, operations, and effects of diverse and inclusive schools, with six all-day visitations. Of EMSE 2800 and 2801, students may take only one of the two choices for credit.  
*Prerequisites:* 2.75 G.P.A., B- or better in ENG 1030 and COMM 1402.

**EMSE 2802 Exploring Teaching/Laboratory Experiences in Multicultural Middle School Classrooms (5-8) (3)**  
Introduction to teaching in multicultural, inclusive, urban and suburban middle schools, including six day-long observations. Students write their initial philosophy of education and begin their professional portfolio.  
*Prerequisites:* 2.75 GPA; B- in ENG 1030 and COMM 1402

**EMSE 3800 Preprofessional Field Experience (2)**

Fifteen days spent in observing and participating in an elementary classroom with focus on planning and teaching techniques, and patterns in the major curriculum areas.

*Prerequisites:* Declared major, completion of 65 hours of coursework, 2.75 G.P.A.; EDUC 3000, 3400 for Elementary Education and EDUC 3000 and 3403 for Bilingual Option.

*Corequisites:* EMSE 3123, 3140, 3903.

*Corequisites for Bilingual Option:* EMSE 3410, 4441.

**EMSE 3801 Preprofessional Field Experiences in Instruction in Subject Areas K-12 (2)**

Fifteen full days, or thirty half days, spent in observing and participating in a middle school or high school classroom with focus on goals and objectives, planning and teaching strategies, and curriculum patterns in the student's subject area of specialization.

*Prerequisites:* Declared education major, completion of 65 hours of coursework, 2.75 G.P.A., EDUC 3000 and 3401.

*Corequisite:* Junior methods course in subject area of instruction EMSE 3210, 3220, 3230, 3240, or 3250, EMSE 3903.

**EMSE 3802 Preprofessional Field Experiences in Middle School 5-8 (2)**

Fifteen days spent observing and participating in a middle school classroom with a focus on planning and teaching techniques, goals and objectives, and curricula in the area of specialization.

*Prerequisites:* Declared education major, completion of 65 hours of coursework, 2.75 GPA. EDUC 3000 and 3400 or 3401.

*Corequisites:* EMSE 3300, 3903.

**EMSE 4800 Professional Internship (9)**

A full-semester, full-time, supervised teaching experience in elementary school classrooms with opportunity to observe specialists in physical education, health, art, music, speech and reading.

*Prerequisites:* EMSE 2800, 3800, 3123, 3140; EDUC 3000, 3400; and completion of 95 s.h. of coursework, 2.75 G.P.A.

*Co-requisite:* EMSE 4900

*Required:* For all majors in Elementary Education; Elementary Education, Bilingual Option

*Prerequisites for Bilingual Option:* EMSE 2800, 3800, 3410, 4441; EDUC 3000, 3403; and completion of 95 s.h. of coursework, 2.75 G.P.A.

**EMSE 4801 Professional Internship for Subject Area Teachers, K-12 (9)**

A full-semester, full-time, supervised teaching experience in English, foreign language, mathematics, science or social studies.

*Prerequisites:* EMSE 2801, 3801; EDUC 3000, 3401, and one of the following: EMSE 3210, 3220, 3230, 3240, or 3250, and completion of 95 s.h. of coursework, 2.75 G.P.A.

*Corequisite:* EDUC 4000.

*Required:* For all students seeking K-12 subject area certification.

**EMSE 4804 Field Experiences in a Bilingual/Multicultural Setting (3)**

Individualized projects carried out by means of observations and visits to schools and community agencies functioning in a bilingual setting and serving a bilingual population; analysis of the results and ideas culled from these experiences shared during class meetings. Those teaching will use their own schools and communities as the basis for their observations. For those not teaching, school placements will be arranged.

**EMSE 4900 Senior Seminar (3)**

Reflective study of teaching and curriculum, with emphasis on the professional internship in multicultural, inclusive classrooms. Student portfolios showcased. Taken with EMSE 4800 during evening hours.

*Prerequisites:* EMSE 2800, 3123, 3140, 3800; EDUC 3000, 3400. For Bilingual Option: EMSE 2800, 3410, 4441, 3800; EDUC 3000, 3403.

*Corequisite:* EMSE 4800.

**FOUNDATIONS****EMSE 4020 Historical Perspectives in American Education (3)**

Examination of the impact of humanistic thought and cultural pluralism in the formation of educational policy.

**EMSE 4022 Education and Social Change (3)**

Examination of the forces which shape and are modified by the educational process. Discovery of the ways this happens. Where appropriate, applications for the improvement of the educational process.

**EDUCATION****EDUC 3000 Curriculum, Evaluation and the Learner (3)**

Principles of curriculum, concepts of evaluation, characteristics of learners, and the interrelationships among these principles, concepts, and characteristics.

*Prerequisite:* Declared education major, 2.75 G.P.A., EMSE 2800 or 2801.

*Required:* Of all students seeking initial teaching certification.

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

Theory and practice of teaching listening, speaking, reading, writing, and grammar with topics appropriate to the grade level and content. Emphasis will be on the development of a literature-based, integrated approach to the language arts.

*Required:* Declared education major, 2.75 G.P.A., for all under-graduate initial certification students in the Elementary and Early Childhood Programs.

**EDUC 3401 Language Arts/Reading in K-12 Subject Area Teaching (3)**

Theory and Practice of teaching listening, speaking, reading, and writing with topics appropriate to the grade level and content. Strongly suggested that the course be taken with the Junior Field Experience.

*Prerequisites:* Declared education major, 2.75 G.P.A., "B-" or better in EMSE 2801.

*Required:* For all undergraduate initial certification students in K-12 Subject-Teaching Programs.

**EDUC 3403 Language Arts/Reading in the Preschool and Elementary Curriculum for Limited English Proficient Students (3)**

Theory and practice of teaching listening, speaking, reading, writing and grammar in both first and second language development. Topics and techniques appropriate to grade level, content and level of linguistic proficiency in two languages will be included.

*Prerequisites:* Declared education major, 2.75 G.P.A.

*Corequisite:* EMSE 3800.

*Required:* For all undergraduate initial certification students in Elementary and Early Childhood Programs seeking Bilingual education endorsement.

**EDUC 4000 Teacher and Classroom (3)**

Analysis of classroom dynamics, the application of knowledge to learning in the classroom, making teaching decisions, and using instructional formats are emphasized. Classroom management and organization techniques are examined.

*Prerequisite:* EDUC 3000, declared education major, 2.75 G.P.A..

*Corequisite:* EMSE 4801 for Instruction in Subject Areas K-12 students.

*Required:* Of all students seeking initial teaching certification.