

REQUIREMENTS FOR THE BACHELOR OF SCIENCE IN EDUCATION AND CERTIFICATION IN FIELD OF STUDY

COLLEGE OF EDUCATION—THE UNIVERSITY OF OKLAHOMA

For Students Entering the Oklahoma State System for Higher Education
Summer 2007 through Spring 2008

Credit Hours and Grade Average Requirements
Minimum Hours for Graduation **124**
Minimum Overall Grade Point Average **2.75**
Minimum OU Residence Grade Point Average **2.75**
Minimum Grade Point Average in Major **2.75**
Minimum Requirements for Certification:
Undergraduate Degree PLUS Graduate Certification Component

Mathematics
0833A
Bachelor of Science
in Education

OU encourages students to complete at least 31 hours of applicable coursework each year to have the opportunity to graduate in four years.							
GENERAL EDUCATION REQUIREMENTS—55 Hours			MAJOR REQUIREMENTS				
These General Education courses meet minimum University, College and State General Education Requirements.			PROFESSIONAL EDUCATION 28 Hours		SPECIALIZED EDUCATION 51 Hours		
Areas	Courses	Hours	Courses	Hours	Courses	Hours	
Communication Skills-9 hours	ENGL 1113, Prin. of English Composition (Core I)	3	*EDS 3003, Schools in American Cultures	3	MATHEMATICS †1823, Calculus & Analytic Geometry I 3 †2423, Calculus & Analytic Geometry II 3 2433, Calculus & Analytic Geometry III 3 2443, Calculus & Analytic Geometry IV 3 2513, Discrete Mathematical Structure 3 3113, Intro. to Ordinary Diff. Equations 3 3333, Linear Algebra I 3 3613, Modern Geometry 3 4323, Intro. to Abstract Algebra I 3 4753, Applied Statistical Methods 3 Advanced Mathematics: 3-9 hours.: 4193, Introductory Math Modeling 4383, Applied Modern Algebra 4673, Graph Theory I 4733, Math Theory of Probability 4793, Applied Statistics 4803, Topics in Mathematics 4853, Introduction to Topology †PHYS 2514, Physics for Engineering & Science Majors 4 C S 1313, Program. for Non-Majors, or *C S 1323, Intro. to Computer Prog. (*requires purchase of laptop) 3 HSCI 3013, Hist. of Sci. to Age of Newton, or HSCI 3023, Hist. of Sci. since 17th Century, or approved equivalent 3 ‡ = these 10 hours along with the 45 hours listed in General Education comprise the 55 hour minimum college requirement for General Education. Specialization Electives: 2-8 hours in mathematics or education.		
	ENGL 1213, Prin. of English Composition (Core I), or	3	EDSP 3054, Understanding & Accommodating Students with Exceptionalities	4			
	EXPO 1213, Expository Writing	3	‡EIPT 3043, Learning with Educational Technologies	3			
COMM1113, Prin. of Communication (Core I)	3	EIPT 3473, Educational Psychology of Childhood and Adolescence	3				
U.S. History & Government-6 hours	HIST 1483, U.S. 1492-1865, or (Core IV)	3	*EIPT 3483, Cognition, Motivation, & Classroom Management for Teachers	3			
	HIST 1493, U.S. 1865-Present and P SC 1113, American Federal Government (Core III)	3	*EDMA3001, Mentoring II	1			
Biological Science-4-5 hours	One course from 1 of the following areas: (must include a laboratory component) Biology (Core II) Botany (Core II) Microbiology (Core II) Zoology (Core II)	4-5	MATH 4232, Specialized Topics & Methods—A Teacher's Course	2			
			*ILAC 4003, Partnerships: Working with Parents & Community	3			
			ILAC 4043, Teaching Diverse Populations	3			
			The following courses must be taken concurrently: EDMA 4001, Math Ed.-Mentoring III 1 *EDMA4242, Fundamental Concepts & Methods of Teaching Secondary Math 2				
Behavioral Science-3 hours	One course from the following: ANTH 1113, General Anthropology (Core III) PSY 1113, Elements of Psychology (Core III) SOC 1113, Intro. to Sociology (Core III)	3	‡This course fulfills the Computer Literacy Requirement for graduation as required by the Oklahoma State Regents for Higher Education.				
			*These courses require field experience.				
Arts & Humanities-9 hours	PHIL 1013, Intro. to Philosophy, and (Core IV)	3	GRADUATE CERTIFICATION COMPONENT				
	2 of the following 3: A HI 1113, Understanding of Art (Core IV) ENGL 2413, Intro. to Literature (Core IV) MUNM1113, Understanding of Music (Core IV)	6	1. Receive the Bachelor's degree before beginning the graduate certification component. 2. Meet Graduate College admission requirements and be admitted. (The academic forgiveness policy is not applicable for admission to the Graduate College.) 3. Complete the graduate certification component in order to fulfill requirements for teacher certification.				
	One course from 1 of the following areas: American Ethnic Studies Economics Foreign Language Geography World Literature		3	9 Hours			
Foreign Language-0-10 hours	Students must meet both requirements outlined below: University-Wide General Education Requirement: Two college-level courses in a single foreign language are required; may be satisfied by successful completion of 2 years in a single foreign language in high school. (Core I) and, Oklahoma State Regents for Higher Education Requirement: Teacher candidates must demonstrate conversational skills at a novice-high level in a language other than English.	0-10	*EDUC 5920, Internship in Education	6			
		Non-Western Culture-3 hours	To be chosen from the University-Wide General Education Approved Course List (3000-level or above). (Core IV)	3			One of the following: MATH 5990, Special Problems in Math. EDMA 5753, Theory & Research in Mathematics Education
Senior Capstone 3 hours	†MATH 4513, Mathematics Capstone Course						3
		Electives-4-5 hours	Electives to total 55 hours.	4-5	CERTIFICATION: To be fully certified, students must pass Certification Examinations for Oklahoma Educators, apply for a license, and successfully complete the residency program.		

The 45 hours above, along with 10 hours notated by ‡ in the Specialized Education column, comprise the 55 hours required for General Education.

Suggested Semester Plan of Study — Mathematics Education

Year	FIRST SEMESTER	Hours	SECOND SEMESTER	Hours
FRESHMAN	ENGL 1113, Principles of English Composition (Core I)	3	ENGL 1213, Principles of English Composition (Core I), or	3
	MATH 1823, Calculus & Analytic Geometry I	3	EXPO 1213, Expository Writing (Core I)	
	HIST 1483, U.S. 1492-1865, or HIST 1493, U.S. 1865-Present	3	MATH 2423, Calculus & Analytic Geometry II	3
	Biological Sciences, one course in BOT/MBIO/ZOO	4-5	P SC 1113, American Federal Government (Core III)	3
	COMM 1113, Prin. of Communication (Core I)	3	ANTH 1113, General Anthropology, or PSY 1113, Elements of Psychology, or SOC 1113, Intro. to Sociology	3
			A HI 1113, Understanding Art, or MUNM 1113, Understanding Music, or ENGL 2413, Introduction to Literature	3
	TOTAL CREDIT HOURS	16-17	TOTAL CREDIT HOURS	15
SOPHOMORE	MATH 2433, Calculus & Analytic Geometry III	3	EIPT 3043, Learning with Educational Technologies	3
	MATH 2513, Discrete Mathematical Structure	3	EIPT 3473, Educational Psychology of Childhood and Adolescence	3
	EDS 3003, Schools in American Cultures	3	MATH 2443, Calculus & Analytic Geometry IV	3
	PHIL 1013, Intro. to Philosophy	3	MATH 3613, Modern Geometry	3
	PHYS 2514, General Physics for Engineering & Science Majors	4	General Education Elective	4-5
	TOTAL CREDIT HOURS	16	TOTAL CREDIT HOURS	16-17
JUNIOR	A HI 1113, Understanding Art, or MUNM 1113, Understanding Music, or ENGL 2413, Introduction to Literature	3	MATH 3333, Linear Algebra I	3
	MATH 3113, Intro. to Ordinary Differential Equations	3	HSCI 3013, Hist. of Sci. to Age of Newton, or HSCI 3023, Hist. of Sci. since 17 th Century, or approved equivalent	3
	MATH 4232, Specialized Topics & Methods – A Teacher’s Course	2	EDSP 3054, Understanding & Accommodating Students with Exceptionalities	4
	EDMA 3001, Mentoring II	1	Advanced MATH elective	4
	EIPT 3483, Cognition, Motivation, & Classroom Management for Teachers	3		
	Contemporary World Culture, one course	3		
	TOTAL CREDIT HOURS	15	TOTAL CREDIT HOURS	14
SENIOR	C S 1313, Program. For Non-Majors, or C S 1323, Intro. to Computer Prog.	3	EDMA 4001, Mathematics Education Field Experience Mentoring III	1
	MATH 4323, Intro. to Abstract Algebra I	3	EDMA 4242, Fund.I Concepts & Methods of Teaching Secondary Math	2
	MATH 4513, Mathematics Capstone Course (Capstone)	3	MATH 4753, Applied Statistical Methods	3
	ILAC 4003, Partnerships; Working with Parents & Community	3	ILAC 4043, Teaching Diverse Populations	3
	Advanced MATH elective	4	Non-Western Culture—Upper-Division (Core IV)	3
			Advanced MATH elective	3
	TOTAL CREDIT HOURS	16	TOTAL CREDIT HOURS	15
BACHELOR’S DEGREE COMPLETED — 124 HOURS				
GRADUATE	EDUC 5920, Internship in Education	6	Bachelor’s degrees require a minimum of 40 hours of upper-division (3000-4000) coursework. Additional credit hours may be required in the same college-level foreign language. Teacher candidates must demonstrate conversational skills at a novice-high level in a language other than English. This plan of study should not be used in lieu of academic advisement.	
	One of the following courses: EDMA 5753, Theory & Research in Mathematics Education ILAC 5143, Theory & Research in Educ. MATH 5990, Special Problems in Math	3		
	TOTAL CREDIT HOURS	9		

CERTIFICATION AND DEGREE REQUIREMENTS

ADMISSION REQUIREMENTS—COLLEGE OF EDUCATION

Students are eligible for admission to the College of Education with:

- a minimum of 24 semester hours earned from an accredited institution of higher learning;
- a minimum of 2.75 combined retention grade point average on all coursework attempted;
- a declared major in education.

FULL ADMISSION REQUIREMENTS—TEACHER EDUCATION AND PROFESSIONAL STUDIES PROGRAMS

Students are eligible for admission to Teacher Education with:

- a minimum of 30 semester hours from an accredited institution of higher learning to include the following 24 hours as defined by the Oklahoma State Regents for Higher Education with a grade of C or better: English (Composition and Literature)-6 hours; College Algebra-3 hours; American History-3 hours; American Government-3 hours; Humanities-3 hours; Social and Behavioral Sciences-3 hours; Natural Sciences-3 hours.
- a minimum of 2.75 grade point average (OU retention and combined retention) on all coursework attempted;
- successful completion of the PPST (Pre-Professional Skills Test) or OGET (Oklahoma General Education Test) unless otherwise exempted by a 3.00 combined retention grade point average on all liberal arts and sciences coursework. All three portions of the PPST must be passed with minimum cut scores of MATH 171, WRITING 172, READING 173, or the OGET with a minimum score of 240.

Admission to a teaching program requires submission of an application, essay and an interview with the admission committee prior to enrollment in the first education course.

RETENTION REQUIREMENTS—COLLEGE OF EDUCATION

- Students must maintain a minimum 2.75 grade point average (OU retention and combined retention) in all **undergraduate** coursework and a minimum 3.00 grade point average in all **graduate** coursework attempted.
- Students must maintain a minimum of 2.75 **undergraduate** grade point average in both professional education courses and in specialized education courses with no grade less than a **C** and must maintain a minimum of 3.00 grade point average in **graduate** professional and specialized education courses, with no grade less than a **B**.
- Students must earn a C or better in Communication 1113 or its equivalent.
- Students whose OU retention or combined retention grade point average at the **undergraduate** level falls below 2.75 will be subject to dismissal from the college. At the **graduate** level, students must meet Graduate College requirements.
- Students who have not earned an OU retention and combined retention grade point average of 2.75 after the completion of 60 semester hours will be dismissed from the College.
- Coursework more than 10 years old in the teaching specialization and professional education may not be credited toward the completion of a teacher education degree and/or certificate program. However, coursework over 10 years old may be reviewed by the appropriate certificate committee for possible credit toward the completion of a teacher education degree and/or certificate program.
- A student has 6 years to complete a teacher education degree and/or certificate program after full admission. After the 6-year period, a student must seek readmission to that program and meet the catalog requirements in effect at the time of readmission.
- Students **will be** withdrawn from courses for failing to observe prerequisites and corequisites. Continued disregard of prerequisites and corequisites is grounds for dismissal from the College.
- To be eligible for the Graduate Certification Component, students must have been admitted to the Graduate College in good standing (3.0 on last 60 hours) or conditionally (2.75-2.99 on last 60 hours). **The academic forgiveness policy is not applicable for admission to the Graduate College.**

FIELD EXPERIENCES: Transfer students without appropriate field experiences may be required to enroll in EDUC 2400.

PASS/NO PASS ENROLLMENT: Only general education electives may be taken under the pass/no pass option.

RESIDENCE REQUIREMENTS: Students must complete either the last 30 hours or 45 of the last 60 hours after being fully admitted to a teacher education program to satisfy this requirement.

REQUIREMENTS TO BE COMPLETED TO BE ELIGIBLE FOR STUDENT TEACHING INTERNSHIP: Students must have been admitted to the Graduate College in good standing (3.0 on last 60 hours) or conditionally (2.75-2.99 on last 60 hours) and have satisfied **all** baccalaureate degree requirements.

JUNIOR COLLEGE TRANSFER STUDENTS: Students transferring from a junior college may use the transferred credit to meet certain lower-division course requirements only; that is, freshman and sophomore-level courses.

DEGREE COMPLETION RESPONSIBILITY: Although the Dean’s Office checks each student’s records, **the responsibility for meeting degree requirements lies with the student** and not with the adviser or the Dean. Each student should obtain a copy of his or her requirements for graduation and check it regularly as he or she completes his or her degree program.

GRADUATION APPLICATION: The final step to be completed by the student before graduation is the filing of an official Application for Graduation. Forms may be obtained from the Student Services Center and should be filed at the Office of Academic Records by October 1 for fall graduation, March 1 for spring graduation, and July 1 for summer graduation. **The student’s degree will not be conferred, nor any completion statement entered on his or her transcript, until the required application is filed.**