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

JEANNINE RAINBOLT COLLEGE OF EDUCATION — THE UNIVERSITY OF OKLAHOMA

For Students Entering the Oklahoma State System for Higher Education
Summer 2017 through Spring 2018

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 Certification Exams

Mathematics
B673
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—45 Hours

These General Education courses meet minimum University, College and State General Education Requirements.

Areas	Courses	Hours
Communication Skills-9 hours	ENGL 1113, Prin. of English Composition (Core I) ENGL 1213, Prin. of English Composition (Core I), **or** EXPO 1213, Expository Writing	3 3
	COMM1113, Prin. of Communication (Core I), **or** COMM2613, Public Speaking	3
U.S. History & Government-6 hours	HIST 1483, U.S. 1492-1865, **or** (Core IV) HIST 1493, U.S. 1865-Present **and** P SC 1113, American Federal Government (Core III)	3 3
Biological Science-4-5 hours	One course from one of the following areas: (must include a laboratory component) Biology (Core II) Microbiology (Core II) Plant Biology (Core II)	4-5
Behavioral Science-3 hours	ANTH, PSY, or SOC _____ (Core III)	3
Arts & Humanities-9 hours	PHIL _____ (Core IV-WC) Any course chosen from Core IV-Artistic Forms. _____ (Core IV-AF) HSCI 3013, History of Science to Newton, **or** HSCI 3023, History of Science Since 17th Century	3 3 3
Contemporary World Culture-3 hours	One course from one of the following areas: American Ethnic Studies Economics Foreign Language Geography World Literature	3
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. *The novice-high level language requirement may be satisfied by classical, modern, Native or American Sign Language.	0-10
Non-Western Culture-3 hours	To be chosen from the University-Wide General Education Approved Course List and adviser approved. (Core IV)	3
Senior Capstone 0 hours	EDMA 4243 - Satisfied under Professional Education requirements (Capstone, Core V)	0
Electives-8 hours	Electives to total 55 hours.	8

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

MAJOR REQUIREMENTS

PROFESSIONAL EDUCATION 38 Hours

Courses	Hours
*EIPT 3473, Learning, Development, & Assessment for Teachers	3
EDSP 3054, Understanding & Accommodating Students with Exceptionalities	4
EIPT 3043, Learning with Educational Technologies	3
*EDS 4003, Schools in American Cultures	3
*EIPT 3483, Motivation & Classroom Management for Teachers	3
EDMA 4233, Developing Problem-Solving Environments for Secondary Mathematics Learning	3
‡EDMA 4243, Fundamental Concepts of Secondary Math Learning (Capstone)	3
*EDMA 4253, Teaching & Learning of Mathematics Reasoning & Proof	3
The following courses are taken together in the final semester:	
ILAC 4143, Theory & Research in Ed.	3
*EDUC 4060, Teaching Experiences in the Secondary School	10

*These courses require field experience.

Students must maintain a minimum of 2.75 grade point average with no grade less than a C in the Professional Education courses for graduation.

SPECIALIZED EDUCATION 41 Hours

Courses	Hours
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
4753, Applied Statistical Methods	3
Advanced Mathematics: 3-6 hours.:	3-6
4193, Introductory Math Modeling	
4323, Intro. to Abstract Algebra I	
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
Specialization Electives: To be chosen in consultation with adviser.	4-7

‡ = these 10 hours along with the 45 hours listed in General Education comprise the 55 hour minimum college requirement for General Education.

Students must maintain a minimum of 2.75 grade point average with no grade less than a C in the Specialized Education courses for graduation.

CERTIFICATION: To be fully certified, students must pass Certification Examinations for Oklahoma Educators, apply for a license, and successfully complete the residency program.

SEE REVERSE SIDE FOR ADDITIONAL INFORMATION CONCERNING REQUIREMENTS.

Suggested Semester Plan of Study — Mathematics Education — B673

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 BIOL/MBIO/PBIO	4-5	P SC 1113, American Federal Government (Core III)	3
	COMM 1113, Principles of Communication, **or**	3	ANTH, **or** PSY, **or** SOC (Core III)	3
	2613, Public Speaking (Core I)		Arts & Humanities (Core IV-AF)	3
	TOTAL CREDIT HOURS	**16-17**	**TOTAL CREDIT HOURS**	**15**
SOPHOMORE	MATH 2433, Calculus & Analytic Geometry III	3	EDSP 3054, Understanding & Accommodating Students with Exceptionalities	4
	MATH 2513, Discrete Mathematical Structure	3	MATH 2443, Calculus & Analytic Geometry IV	3
	EIPT 3473, Learning, Development, and Assessment for Teachers	3	MATH 3613, Modern Geometry	3
	PHIL (Core IV-WC)	3	General Education Elective	3
	PHYS 2514, General Physics for Engineering & Science Majors	4	Specialized Elective	3-6
	TOTAL CREDIT HOURS	**16**	**TOTAL CREDIT HOURS**	**16-19**
JUNIOR	MATH 3113, Intro. to Ordinary Differential Equations	3	MATH 3333, Linear Algebra I	3
	EDMA 4233, Developing Problem-Solving Environments for Secondary Mathematics Learning	3	HSCI 3013, Hist. of Sci. to Age of Newton, **or** HSCI 3023, Hist. of Sci. since 17th Century, **or** approved equivalent	3
	EDS 4003, Schools in American Cultures	3	EDMA 4243, Fundamental Concepts & Methods of Teaching Secondary Mathematics (Capstone)	3
	Contemporary World Culture, one course	3	Non-Western Culture (Core IV, Adviser Approved)	3
	General Education Elective	4-5	EIPT 3043, Learning with Educational Technologies	3
	TOTAL CREDIT HOURS	**16-17**	**TOTAL CREDIT HOURS**	**15**
SENIOR	EDMA 4253, Teaching & Learning of Mathematics Reasoning & Proof	3	EDUC 4060, Teaching Experiences in the Secondary School	10
	EIPT 3483, Motivation & Classroom Management for Teachers	3	ILAC 4143, Theory & Research in Education	3
	MATH 4753, Applied Statistical Methods	3		
	Advanced MATH or Specialized Elective	3-6		
	TOTAL CREDIT HOURS	**12-15**	**TOTAL CREDIT HOURS**	**13**

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.

CERTIFICATION AND DEGREE REQUIREMENTS

ADMISSION REQUIREMENTS—JEANNINE RAINBOLT COLLEGE OF EDUCATION

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

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

FULL ADMISSION REQUIREMENTS—TEACHER EDUCATION AND PROFESSIONAL STUDIES PROGRAMS

Students are eligible for admission to Teacher Education with:

a. 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; MATH, Gen. Ed. Core I -3 hours; American History-3 hours; American Government-3 hours; Humanities to include Artistic Forms, Western Civilization, Non-Western Culture, World Language, or other adviser-approved Gen. Ed. course -3 hours; Social and Behavioral Sciences-3 hours; Natural Sciences-3 hours.
b. a minimum of **2.75** grade point average (OU retention and combined retention) on all coursework attempted;
c. successful completion of the OGET (Oklahoma General Education Test) or PPST (Pre Professional Skills Test) The OGET Exam requires a minimum score of 240. All three portions of the PPST must be passed with minimum cut scores of MATH 171, WRITING 172, and READING 173.

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

RETENTION REQUIREMENTS—JEANNINE RAINBOLT COLLEGE OF EDUCATION

a. When a student accepts an offer of admission into a JRCoE department or program, he or she commits to comply with all its regulations, including those regarding professional conduct and dispositions that are contained in the JRCoE Professional Behavior Policy.
b. 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.
c. 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**.
d. Students must earn a C or better in Communication 1113 or Communication 2613.
e. Students whose OU retention or combined retention grade point averages at the **undergraduate** level fall below **2.75** will be subject to dismissal from the college. At the **graduate** level, students must meet Graduate College requirements.
f. Students who have not earned OU retention and combined retention grade point averages of **2.75** after the completion of 60 semester hours will be dismissed from the College.
g. Because one college level math course is a requirement for full admission into both the college and the teacher preparation program, declared Education majors must complete at least one college-level Math within the first four semesters of enrollment at OU. Transfer students who have not completed a college level Math course will have two semesters to complete the requirement. Students who fail to meet the requirement within the time limits specified will be subject to dismissal from the College.
h. 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 certifi-cate program.
i. 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.
j. 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.

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 be in good academic standing and have completed all baccalaureate degree requirements with the exceptions of EDUC 4060 and ILAC 4143.
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. The Application for Graduation should be filled out online by September 15 for fall graduation, February 15 for spring graduation, and June 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.**