

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) | 3 |
| | 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-Artistic Forms) | 3 |
| | TOTAL CREDIT HOURS | 16-17 | TOTAL CREDIT HOURS | 15 |
| SOPHOMORE | MATH 2433, Calculus & Analytic Geometry III | 3 | EIPT 3011, Productivity Tools for Education | 0-1 |
| | MATH 2513, Discrete Mathematical Structure | 3 | EIPT 3483, Cognition, Motivation, & Classroom Management for Teachers | 3 |
| | EIPT 3473, Educational Psychology of Childhood and Adolescence | 3 | MATH 2443, Calculus & Analytic Geometry IV | 3 |
| | PHIL (Core IV-WC) | 3 | MATH 3613, Modern Geometry | 3 |
| | PHYS 2514, General Physics for Engineering & Science Majors | 4 | General Education Elective | 3 |
| | | | Specialized Elective | 3-6 |
| | TOTAL CREDIT HOURS | 16 | TOTAL CREDIT HOURS | 15-18 |
| 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 17 th Century, or approved equivalent | 3 |
| | EDSP 3054, Understanding & Accommodating Students with Exceptionalities | 4 | EDMA 4253, Teaching & Learning of Mathematics Reasoning & Proof | 3 |
| | Contemporary World Culture, one course | 3 | EDS 4003, Schools in American Cultures | 3 |
| | General Education Elective | 4-5 | EIPT 3043, Learning with Educational Technologies | 3 |
| | TOTAL CREDIT HOURS | 17-18 | TOTAL CREDIT HOURS | 15 |
| SENIOR | EDMA 4243, Fundamental Concepts & Methods of Teaching Secondary Mathematics (Capstone) | 3 | EDUC 4060, Teaching Experiences in the Secondary School | 10 |
| | MATH 4753, Applied Statistical Methods | 3 | ILAC 4143, Theory & Research in Education | 3 |
| | Advanced MATH or Specialized Elective | 3-6 | | |
| | Non-Western Culture (Core IV, Adviser Approved) | 3 | | |
| | 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; 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.
- b. a minimum of 2.75 grade point average (OU retention and combined retention) on all coursework attempted;
- c. 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—JEANNINE RAINBOLT COLLEGE OF EDUCATION

- a. 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.
- b. 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.
- c. Students must earn a C or better in Communication 1113 or Communication 2613.
- d. 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.
- e. 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.
- f. 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.
- g. 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.
- h. 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. Forms may be obtained online and should be filed 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.**