

528: Mathematics Certifiable for Secondary Teaching

1. A minimum of 48 hours of mathematics is required. A minimum of 128 unduplicated undergraduate semester hours is required. Graduate credit may not be used to satisfy undergraduate academic program requirements.
2. No minor is required. But at least one-third of the course requirements in any major or minor must be earned at WKU.
3. At least one-half of the semester hours required for the major must be earned in undergraduate courses numbered 300 and above.
4. A minimum of 42 undergraduate semester hours must be completed in courses numbered 300 and above.
5. You must have a GPA of at least 2.0 (i) in all credits presented for graduation whether earned at WKU or elsewhere, (ii) in all credits completed at WKU, (iii) overall in the major subjects and in the minor subjects, and (iv) in the major subjects and in the minor subjects completed at WKU. There is a 2.5 GPA requirement for certification.

Mathematics Requirements – 48 hours

1. Required Courses (29 hrs) – MATH 126 and 227 (or MATH 122-132-232) (9 hrs)
 MATH 327 (4 hrs) MATH 307 (3 hrs) MATH 310 (3 hrs) MATH 317 (3 hrs)
 MATH 323 (3 hrs) STAT 301 (3 hrs) MATH 498 (1 hr)
 You must complete these courses before the professional semester.
2. At least 9 hours must be in mathematics coursework at the 400-level. All remaining mathematics hours must be earned from the following courses:

 MATH 275 (up to 3 hours), MATH 305, MATH 315, MATH 329, MATH 331, MATH 398 (up to 3 hours), MATH 405, MATH 406, MATH 409, MATH 415, MATH 417, MATH 421, MATH 423, MATH 429, MATH 431, MATH 432, MATH 435, MATH 439, MATH 450, MATH 470, MATH 475 (up to 6 hours)

Computer Science Requirement – 3 hours: One of CS 230 or CS 240 is required.

General Education Requirements

- Cat. A: I. ENG 100, 300 (6 hrs) II. Foreign Lang. (3 hrs) III. COMM 145/161 (3 hrs)
 Cat. B: I. Literature (3 hrs) II. Electives (6 hrs) (Three areas are required in Cat. B)
 Cat. C: HIST 119/120 and two other areas are required. (9 hrs)
 Cat. D: I. Science (6 hrs; at least one class must have a lab) II. MATH (3 hrs)
 Cat. E: 3 hours Cat. F: 2 hours (May be two 1-hour PE courses, or a 3-hr class)

Teacher Education Requirements

Computer Literacy Requirement: One of CS 145, CIS 141, or LME 448 is required

General Education Restrictions

1. A biological science course and a physical science course are required in Cat. D I.
2. PSY 100 should be taken in Category C as a prerequisite for PSY 310.

Required Secondary Education Courses

PSY 310 EDU 250 SEC 351 SEC 352 SEC 453 SEC 477 EDU 489 SEC 490

Students with sophomore standing are eligible to enroll in secondary education courses. They may enroll in EDU 250 by itself or concurrently with PSY 310. Application for admission to teacher education is made during the semester in which EDU 250 is taken. The next two courses, SEC 351 and 352, are junior level courses. The remaining courses SEC 453, SEC 477 (methods), EDU 489, and student teaching are taken during the senior year. Students are required to have 150 clock hours of field experiences in addition to coursework.

Admission

Personnel in the Office of Teacher Admissions will provide the necessary information for admission into Teacher Education and assist students with the steps in the process. Education majors, as well as transfer students who are education majors, are required to attend an orientation meeting in the semester of their first education class. The information provided at the orientation includes a checklist of requirements and the Professional Code of Ethics that must be met, and dates for completion of the admission process and for applying to student teach. In addition, personnel in this office will maintain records of the necessary components. The Office of Admissions will process the application file and recommend students to the Professional Education Council for admission into Teacher Education. A letter of notification will be sent to the students once they are approved. Students will be encouraged to visit this office at least twice a year to evaluate their files and to check the dates for orientation meetings on the web.

Certification

In order to be recommended for initial certification as a mathematics teacher in Kentucky, a candidate must document the following:

1. Completion of the mathematics teacher preparation program.
2. A Passing score on the PRAXIS II specialty exam.
3. Achievement of at least a 2.5 GPA overall, in each major and minor, and in all professional education courses.
4. Attainment of at least a C in all professional education courses, including EDU 489 and student teaching.

Sample Four-Year Degree Program – 528
48-hour certifiable math major with no minor required.

Fall (freshman year)		Spring (freshman year)	
Foreign Language (A)	3	COMM 145/161 (A)	3
ENG 100 (A)	3	MATH 227	4.5
HIST 119/120 (C)	3	CS 141/CIS 145	3
MATH 126 (D)	4.5	Gen. Ed. Category B	3
Gen. Ed. Category E	<u>3</u>	PSY 100 (C)	<u>3</u>
	16.5 hrs		16.5 hrs
Fall (sophomore year)		Spring (sophomore year)	
MATH 307	3	MATH 327	4
MATH 310	3	MATH 3xx/4xx	3
STAT 301	3	Gen. Ed. Category B	3
EDU 250	3	Gen. Ed. Category D	3
CS 230/240	3	PSY 310	<u>3</u>
Gen. Ed. Category C	<u>3</u>		16 hrs
	18 hrs		
Fall (junior year)		Spring (junior year)	
ENG 300 (A)	3	MATH 3xx/4xx	3
MATH 317	3	MATH 3xx/4xx	3
MATH 323	3	MATH 4xx	3
MATH 275 or 398	1	SEC 352	3
Gen. Ed. Category D+Lab	4	Gen. Ed. Category B	<u>3</u>
SEC 351	<u>3</u>		15 hrs
	17 hrs		
Fall (senior year)		Spring (senior year)	
MATH 498	1	EDU 489	3
MATH 3xx/4xx	3	SEC 490	<u>10</u>
MATH 4xx	3		13 hrs
Gen. Ed. Category F	3		
SEC 477	3		
SEC 453	<u>3</u>		
	16 hrs		

Total: 128 hrs

Comp. Lit. and CS 230/240: 6 hrs
 (Non-Duplicated) General Education: 43 hrs
 MATH/STAT courses: 48 hrs

PSY 310: 3 hrs
 EDU/SEC: 28 hrs

1. See the Undergraduate Catalog for further details about CLEP examination credit and for a complete listing of General Education courses.
2. Science Labs are usually an additional 1 hour on top of a three-hour course; so you most likely will have 7 hours in General Education Category D. I.
3. MATH 126 satisfies Gen. Ed. Cat. D. II and also counts toward the math major; but do not count these hours twice in your degree program. If you take MATH 117 first, then it will satisfy Cat. D. II and also count toward your 128-hour total

Student: _____

Checklist

MATH 126	_____	Computer Lit.	_____
MATH 227	_____	CS 230/240	_____
MATH 327	_____	A. ENG 100	_____
MATH 307	_____	A. ENG 300	_____
MATH 310	_____	A. For. Lang.	_____
MATH 317	_____	A. COMM 145/161	_____
MATH 323	_____	B. Lit	_____
STAT 301	_____	B.	_____
MATH	_____	B.	_____
MATH	_____	C. HIST 119/120	_____
MATH	_____	C. PSY 100	_____
MATH	_____	C.	_____
MATH	_____	D. Sci/Lab	_____
MATH	_____	D. Sci	_____
MATH	_____	E.	_____
MATH 498	_____	F.	_____
		PSY 310	_____
		EDU 250	_____
		SEC 351	_____
		SEC 352	_____
		SEC 453	_____
		SEC 477	_____
		EDU 489/SEC 490	_____

Plan Your Remaining Coursework:

Fall Year:	Spring Year:	Summer
Fall Year:	Spring Year:	Summer
Fall Year:	Spring Year:	Summer
Fall Year:	Spring Year:	Summer

Expected Graduation Date: _____

Residency Requirement

The minimum residence requirement for the bachelor's degree is 25% of the minimum number of semester hours required in the student's degree program. At least 16 of the hours counted in meeting the residence requirement must be completed after the semester in which the student has earned a cumulative total of at least 90 semester hours. Exceptions to these regulations may be made for WKU students who have been given permission to transfer credits earned at accredited professional schools to apply as electives toward the degree.

Application for Graduation

All candidates for a baccalaureate degree are expected to make formal application immediately after attaining senior status (90 hours earned). The Application for Graduation is available in the Office of the Registrar.

All forms must be completed, all incompletes must be removed, all transfers of credit received and all correspondence courses completed by the end of any semester or term in which the degree is to be awarded. Failure to comply could result in postponement of the graduation date. Students with outstanding obligations to the University will not be awarded a diploma until the Registrar has been notified by the appropriate office that the obligation has been settled. The student must, in all cases, be primarily responsible for meeting the requirements for graduation.

Repeating Courses

An undergraduate student is permitted to repeat a maximum of 18 hours or 6 courses, whichever comes first. Only 6 of the hours or 2 courses, whichever comes first, in which a grade of "C" or above has been earned, may be repeated.

Credit for a course in which a grade of "F" has been received can be earned only by repeating the course in residence unless prior approval is given by the head of the department in which the course was taken. A course in which a grade of "D" has been received may be repeated at another accredited institution.

If a course is repeated, only the second grade will be counted in computing the grade point average; if the course is repeated a second time both the second and the third grades will be used in computing the grade point average. The grade received for each attempt will continue to appear on the student's academic record. A student may attempt a single course no more than three times.

A failing grade may not be removed by correspondence study. A student may not repeat by proficiency testing a course which has been previously taken or failed at WKU or another accredited institution.