

The University of Alabama

College of Education

Secondary Education: Mathematics

The Secondary Education: Mathematics program at The University of Alabama leads to a certification to teach mathematics in grades six through twelve. In addition to the general core requirements, this degree will require approximately forty-nine hours of teaching field courses and thirty one hours of professional studies. Students in this major will typically begin with Math 125 Calculus I during their first semester. Students who place into a lower math should be prepared to take additional courses in summer school to avoid delays in graduation.

- The following courses need to be completed during the first two years: Math 125, Math 126, Math 227, Math 237, Math 238, Math 301, and ST 260. Students will also need to complete an equivalent of CS 100 or CS 150.
- The upper level math and education courses in this major are only offered in a fall sequential rotation leading to student teaching in the fourth semester. Students who are planning to complete two years at a junior college and begin the fall rotation of math and education courses the fall of their junior year should plan on transferring the summer before. During this summer term students should plan on completing SPE 300, EDU 200, Math 301, and any additional core classes needed.

The following courses can also be taken at a junior college prior to transferring:

- Six hours of EN 101 and EN 102.
- Twelve hours of literature, humanities, and fine arts. This twelve hours will consist of at least one 200 level literature, one fine arts class, and public speaking (COM 123). Public Speaking is required.
- Twelve hours of history and social behavioral sciences. All students in this major will be required to complete HD 101 or PY 101, and it is permissible to take both in order to complete the social behavioral sciences.
- A sequence in history or literature is required as you are completing core requirements.
- Eight hours of natural science. We recommend checking with a UA advisor to ensure that the science classes you take at the junior college have natural science core designation here at UA.
- A foreign language sequence is not required for this major. ST 260 and CSE 401 will fulfill the computer sequence requirement in this major.
- Students can only transfer a total of 60 hours applicable to a degree program from a junior college. Students are encouraged to consider completing natural science, literature, or history courses in the summer terms after transferring to UA.
- HD 101 or PY 101 should be completed prior to fall semester of the junior year.
- COM 123 should be completed prior to fall semester of the junior year.

Things to remember:

- You will need an overall and UA GPA of 2.75 in order to be admitted to the Teacher Education Program (TEP). TEP admission is required at the end of the semester in which the pre-professional course CSE 390 is taken, generally the start of the senior year.
- Students in the College of Education must be fingerprinted for a background check by the FBI and the ABI. The fingerprinting is processed through 3M Cogent.
- Talk to UA Admissions officers about scholarship availability and deadlines.
- You are always welcome to contact an advisor at 205-348-6073 if you have any questions.
- You are also welcome to consult the transfer articulation chart available online at Registrar.UA.Edu. https://ssb.ua.edu/pls/PROD/rtstreq.P_Searchtype
- This is the only secondary mathematics program in the state of Alabama recognized on the National Council of Teachers of Mathematics' Specialized Professional Association 2012 Standards for Math Teacher Preparation.