

ACCELERATED BACHELOR OF ARTS IN MATHEMATICS/ MASTER OF ARTS IN TEACHING (WITH TEACHING CERTIFICATION)

To earn an Accelerated BA/MAT in Mathematics, a student must complete all basic requirements for the BA degree with a major in Mathematics, as well as additional coursework at the graduate level. (See Graduate Catalog (<https://catalog.baylor.edu/graduate-school/curriculum-departments-institutes-instruction/school-education/mat-teaching-certification/>) for details of graduate requirements, including eligibility and admission).

BA in Mathematics

Requirements for a Major in Mathematics

Code	Title	Hours
Thirty-three semester hours, six of which must be at the 4000-level, including the following:		
Required Courses		
MTH 1321	Calculus I	3
MTH 1322	Calculus II	3
MTH 2311	Linear Algebra	3
MTH 2321	Calculus III	3
MTH 3300	Foundations of Mathematics	3
MTH 3323	Introduction to Analysis	3
or MTH 4326	Advanced Calculus I	
MTH 3312	Foundations of Combinatorics and Algebra	3
or MTH 4314	Abstract Algebra	
MTH 3325	Ordinary Differential Equations	3
or MTH 4312	Cryptology	
or MTH 4322	Numerical Analysis	
Nine semester hours of 3000-4000 level MTH or STA courses ¹		9
A grade of "C" or better in thirty-three hours of MTH and STA courses used for the major.		
Subtotal		33
Required Courses in Other Fields		
CSI 1401	Introduction to Programming I	4
or CSI 1430	Introduction to Computer Science I with Laboratory	
or STA 2450	Introduction to Computing for the Mathematical and Statistical Sciences	
Total Hours		37

¹ Excluding: MTH 3318 Data and Chance, MTH 3340 Mathematics through Technology, and MTH 4343 Topics in Mathematics for Prospective Teachers

MAT with Teaching Certificate

- Elementary (EC-6) Education Certification - M.A.T. Degree Plan (<https://catalog.baylor.edu/graduate-school/curriculum-departments-institutes-instruction/school-education/mat-teaching-certification/elementary-ec-6-education-certification-mat-degree-plan/>)
- Middle Grades Education Certification - M.A.T. Degree Plan (<https://catalog.baylor.edu/graduate-school/curriculum-departments-institutes-instruction/school-education/mat-teaching-certification/middle-grades-education-certification-mat-degree-plan/>)
- Secondary Education Certification - M.A.T. Degree Plan (<https://catalog.baylor.edu/graduate-school/curriculum-departments-institutes-instruction/school-education/mat-teaching-certification/secondary-education-certification-mat-degree-plan/>)