

# B.A.I.S./B.S.I.S. - Teacher Certification, MLED, 4-8 Mathematics

## General Information

B.A.I.S./B.S.I.S. - Teacher Certification, General Information (<http://coursecatalog.tamuc.edu/undergrad/colleges-and-departments/education-human-services/curriculum-instruction/bais-bsis-teacher-certification-general-information/>)

### Core Curriculum Courses

See the Core Curriculum Requirements (<http://coursecatalog.tamuc.edu/undergrad/core-curriculum-requirements/>) 42

### Education Core Courses

Students must maintain a 2.75 GPA with no grade below a "C" in all required Education Core.

IS 351	Science Inquiry I	3
and 3 sh from the following:		3
IS 352	Science Inquiry II	
BSC 461	Biology for Mid School Teacher	
ESCI 461	Earth Science for Teachers	
IS 451	Hist Dev. Great Ideas in Sci	
MATH 1350	Mathematics for Teachers I	3
MATH 1351	Mathematics for Teachers II	3
SPED 346	Survey of Exceptionalities	3

### Specialization Courses

Students must maintain a 2.75 GPA with no grade below a "C" in all required Specialization Courses.

MATH 301	Introductory Geometry	3
MATH 361	Mathematical Modeling of Science for Middle School I	3
MATH 362	Mathematical Modeling of Science for Middle School II	3
MATH 372	Mathematics Structures and Applications	3
MATH 380	Mathematics History	3
MATH 453	Essentials of Statistics	3

### Professional Development courses

Students must maintain a 2.75 GPA with no grade below a "C" in all required Professional Development Courses.

Students must meet required course prerequisites for specific courses.

ELED 1301	Education in Global Societ	3
ELED 300	Introduction To Teaching	3
MLED 314	Young Adolescent Development	3
PSY 300	Learning Processes and Development	3
PSY 310	Psychology and Sociology of Diverse Populations	3
RDG 380	Comprehension and Vocabulary in Middle and High Schools	3

### Internship courses

Students must maintain a 2.75 GPA with no grade below a "C" in all required Internship Courses.

Students must apply for internship the Fall/Spring semester prior to their internship semester.

MLED 402	Best Practices in Pedagogy and Assessment	3
MLED 403	Organization, Motivation, and Management in Middle Level Classrooms	3
MLED 435	Integrating Instruction: Science, Mathematics, and Technology	3
RDG 450	Middle School Reading: Theory & Practice	3
ELED 452	Student Teaching in Field-Based Teacher Education Programs	3

### Clinical Teaching courses

Students must maintain a 2.75 GPA with no grade below a "C" in all required Clinical Teaching Courses.

Students must continue to satisfy teacher education admission and departmental requirements.

MLED 404	Developing Communication Skills	3
MLED 410	Fostering School, Family, and Community Relationships	3
ELED 452	Student Teaching in Field-Based Teacher Education Programs	3

SPED 480

Issues for Inclusion

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**Total Hours**

**120**