

B.A./B.S. - Teacher Certification, MLED, 4-8 Math/Science

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 InterEducation Core.

IS 351	Science Inquiry I	3
IS 352	Science Inquiry II	3
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
PHYS 1401	College Physics I	4
or PHYS 1402	College Physics II	
BSC 461	Biology for Mid School Teacher	3
ESCI 461	Earth Science for Teachers	3
IS 451	Hist Dev. Great Ideas in Sci	3

Select one of the following: 4

CHEM 1305 Introductory Chemistry I
& CHEM 1105 and Introductory Chemistry Laboratory I

or

CHEM 1411 General and Quantitative Chemistry I

Take two more three-four hour labs sciences if CHEM and PHYS are taken in the core

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 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 410	Fostering School, Family, and Community Relationships	3
----------	---	---

ELED 452	Student Teaching in Field-Based Teacher Education Programs	3
SPED 480	Issues for Inclusion	3
Total Hours		131