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

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 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 1311	General and Quantitative Chemistry I	3
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.		
RDG 448	Supporting Literacy Development of Emergent Bilingual Learners in Field Based Setting	3
SPED 480	Issues for Inclusion	3
ELED 440	Instructional Strategies Across Content Areas (Science, Social Studies, and Math)	3
ELED 447	Data and Assessment in Field-Based Settings	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.		
ELED 443	Creating Effective Learning Environments in Culturally Diverse Field-Based Settings	3
ELED 452	Student Teaching in Field-Based Teacher Education Programs	3-9
Total Hours		**128-134**