

Grades 4 Through 8 Certification (BS) (IDSM) Middle School – Science

Entrance Requirements

Science: 4 semesters of HS science other than physical science, ≥ 27 on ACT science subscore.

Deficiency: 3 hours in field other than HS

Foreign Language: 4 semesters, one language, in HS.

Deficiency: 6 hours in one language.

Other Notes

Entering students with fewer than 64 hours and all students planning to take their first college math course must have appropriate SAT/ ACT/ COMPASS scores for placement. Consult the current university catalog for information on the schedule of future course offerings and prerequisites for course enrollment.

See catalog for dual major and dual degree requirements

Exceptions must be approved on the appropriate exception or substitution form.

Electives

General electives (may include deficiency in foreign language); may **not** include Academic Advance courses; arrange to ensure ≥ 33 advance hours.

University Core	Interdisciplinary Major
Bible	Science Teaching Field
BIBL 101 Life and Teachings of Jesus 3	PHYS 101 Astronomy 3
BIBL 102 Acts-Revelation 3	PHYS 102 Physical Science 3
BIBL 211 Message of the Old Testament 3	CHEM 111/113 Introduction to Chemistry Lecture/Lab 4
BIBL 212 Christianity in Culture 3	CHEM 112/ 114 Introduction to Organic and Biological Chemistry Lecture/Lab 4
Advanced Bible (Recommended BIBM 390, 430, 434, 438) 3	CHEM 203 General Science for Elementary Teachers 3
English	BIOL 112/114 General Biology I Lecture/Lab 4
ENGL 111 Composition and Rhetoric 3	BIOL 113/115 General Biology II Lecture/Lab 4
Literature- choose one: ENGL 221, 222, 231, 232, 262, 263 3	BIOL 221/223 Animal Biology Lecture/Lab or BIOL 222/ 224 Plant Biology Lecture/Lab 4
Speech	BIOL 362/364 Ecology Lecture /Lab 4
COMS 286 Speech Activities in Elementary School 3	Other Requirements
History	READ 322 Reading Secondary Content Areas 3
HIST 221 American History I 3	TECH 210 Technology in Education 3
Science	MATH 147 Mathematics for Elementary Teachers I 3
AENV/TECH 130 Environmental and Technological Sciences 6	SPED 471 Teaching Students with Special Needs 3
GEOL 111 Introduction to Geology 6	Professional Education Requirements
Mathematics	EDUC 211 Educational Foundations and Multicultural Perspectives 3
MATH 148 Mathematics for Elementary Teachers II 3	EDUC 321 Educational Psychology 3
EXSC 100 +3 activities 4	EDUC 335 Teaching in the Middle School 3
UNIV 100 University Seminar 1	EDUC 412 Secondary Curriculum and Media 3
Total University Core 41	EDUC 432 Secondary Management and Methods 3
BS Degree Core	EDUC 470 Teaching Mathematics in Elementary Grades 3
English	EDUC 499 Student Teaching: Secondary 6
ENGL 112 Composition and Literature 3	<small>Must make application and be approved to take EDUC 499; minimum grade of "B" for EDUC 412 and 432 to student teach. GPA of 2.70 required to remain in Teacher Education Program</small>
Social Sciences/ Humanities	Total 69
HIST 222 American History II 3	
POLS 226 States and Federal System 3	
Choose from: SOCI 442, HIST 480, GEOG 235, ECON 260 3	
Fine Arts	
Choose one: ART 101, MUSM 230, THEA 220 or THEA 250 3	
Total BS (IDSM-Middle School) Core 15	

Electives- Minimum 6	Other Graduation Requirements
	Minimum GPA for graduation 2.70
	Minimum advanced hours 33
	Minimum total hours 131
	<small>ACAD hours do not count in minimum hours required for degree</small>

