

INTERDISCIPLINARY STUDIES (B.S.) 4 - 8 CORE SUBJECTS

Degree: Bachelor of Science

Major: Interdisciplinary Studies

Concentration: 4-8 Core Subjects

Total Hours: 120

Code	Title	Hours
General Education Core Curriculum		
<i>Communication</i>		
ENGL 1301	Composition I	3
COMM 1315	Public Speaking I	3
<i>Mathematics</i>		
MATH 2311	Precalculus I	3
<i>Life and Physical Sciences</i>		
SPSC 1301	Space Exploration	3
Select one of the following:		4
BIOL 1406	General Biology I (Majors)	
BIOL 2401	Anatomy and Physiology I	
<i>Language, Philosophy and Culture</i>		
Select one of the following:		3
ENGL 2300	Close Reading II	
ENGL 2322	British Literature	
ENGL 2326	American Literature	
ENGL 2331	World Literature	
ENGL 2376	African-American Literature	
<i>Creative Arts</i>		
Select one of the following:		3
ARTS 1301	Art Appreciation	
ARTS 1303	Art History I	
COMM 1375	Film Appreciation	
COSC 1324	The Art of Computer Game Development	
DANC 2304	Dance Appreciation	
MUSI 1306	Music Appreciation	
MUSI 1309	Jazz History and Appreciation	
MUSI 1310	History of Rock and Roll	
PHIL 1330	Arts and Ideas	
THEA 1310	Theatre Appreciation	
<i>American History</i>		
HIST 1301	U S History I 1763-1877	3
HIST 1302	U S History II Since 1877	3
<i>Government/Political Science</i>		
POLS 2301	Intro to American Government I	3
POLS 2302	Intro/American Government II	3
<i>Social and Behavioral Sciences</i>		
PSYC 2301	General Psychology	3
or SOCI 1301	Introduction to Sociology	
<i>Component Area Option</i>		
ENGL 1302	Composition II	3

PHYS 1405 Elementary Physics I 4

Required Major Courses

Electives ENGL 3000-4000 3

Select one of the following: 4

CHEM 2411 Integrated Sciences

CHEM 1306 Chemistry for Allied Health Sciences
& CHEM 1106 and Chemistry for Allied Health Sciences
Laboratory

HIST 2301 Texas History 3

HIST 2321 World History I 3

Electives MATH 3000-4000 6

MATH 2312 Pre Calculus and Elementary Functions 3

MATH 3312 Probability Statistics and Statistical Modeling 3

MATH 3313 Elementary Geometry 3

PEDG 2310 Introduction to Teacher Education 3

PEDG 2342 Diversity of Learners 3

PEDG 3300 Human Development and Learning 3

PEDG 3330 Understanding English Learners 3

PEDG 3332 Technology in Education 3

PEDG 3350 Mathematics Methods for Teachers 3

PEDG 3351 Social Studies Teaching Strategies 3

PEDG 3352 Science Methods for Teachers 3

PEDG 4320 Residency 3

PEDG 4320 Residency 3

PEDG 4340 Managing Early Childhood Classroom Environment 3

PEDG 4355 Inclusion in the General Education Classroom 3

PEDG 4370 Assessment 3

READ 3350 Language Arts Methods for Elementary & Middle
Grades 3READ 3390 Teaching Reading in Elementary & Middle School
Classrooms 3

READ 4305 Teaching Writing: Elementary & Middle School 3

Total Hours 120

Course	Title	Hours
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First Year**Fall**

ENGL 1301 Composition I 3

COMM 1315 Public Speaking I 3

MATH 2311 Precalculus I 3

HIST 1301 U S History I 1763-1877 3

SPSC 1301 Space Exploration 3

Hours 15**Spring**

ENGL 1302 Composition II 3

MATH 2312 Pre Calculus and Elementary Functions 3

HIST 1302 U S History II Since 1877 3

POLS 2301 Intro to American Government I 3

Select one of the following: 4

BIOL 1406 General Biology I (Majors)

BIOL 2401 Anatomy and Physiology I

Hours 16**Summer**

Select one of the following: 4

CHEM 2411 Integrated Sciences

2 Interdisciplinary Studies (B.S.) 4 - 8 Core Subjects

CHEM 1306 & CHEM 1106	Chemistry for Allied Health Sciences and Chemistry for Allied Health Sciences Laboratory	
Hours		4
Second Year		
Fall		
PEDG 2310	Introduction to Teacher Education	3
PSYC 2301 or SOCI 1301	General Psychology or Introduction to Sociology	3
POLS 2302	Intro/American Government II	3
Language, Philosophy & Culture		3
Creative Arts		3
Electives ENGL 3000-4000		3
Hours		18
Spring		
PEDG 3300	Human Development and Learning	3
PEDG 2342	Diversity of Learners	3
PHYS 1405	Elementary Physics I	4
HIST 2301	Texas History	3
Hours		13
Summer		
MATH 3312	Probability Statistics and Statistical Modeling	3
Hours		3
Third Year		
Fall		
PEDG 3350	Mathematics Methods for Teachers	3
PEDG 3352	Science Methods for Teachers	3
HIST 2321	World History I	3
Electives MATH 3000-4000		3
PEDG 3332	Technology in Education	3
Hours		15
Spring		
PEDG 3352	Science Methods for Teachers	3
PEDG 3332	Technology in Education	3
MATH 3313	Elementary Geometry	3
READ 3350	Language Arts Methods for Elementary & Middle Grades	3
PEDG 3330	Understanding English Learners	3
Electives MATH 3000-4000		3
Hours		18
Fourth Year		
Fall		
PEDG 4320	Residency	3
READ 3390	Teaching Reading in Elementary & Middle School Classrooms	3
READ 4305	Teaching Writing: Elementary & Middle School	3
Hours		9
Spring		
PEDG 4320	Residency	3
PEDG 4370	Assessment	3
PEDG 4355	Inclusion in the General Education Classroom	3
Hours		9
Total Hours		120