

INTERDISCIPLINARY STUDIES (B.S.) EC-6 CORE SUBJECTS

Degree: Bachelor of Science

Major: Interdisciplinary Studies

Concentration: EC-6 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 1314	College Algebra(Non-Calculus)	3
	or MATH 1332 Contemporary Mathematics I	
<i>Life and Physical Sciences</i> ¹		
BIOL 1308	General Biology (Non-Science Majors)	6
SPSC 1301	Space Exploration	
<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>		
Select two of the following:		6
HIST 1301	U S History I 1763-1877	
HIST 1302	U S History II Since 1877	
HIST 2301	Texas History	
<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
MATH 1350	Fundamentals of Math for Elementary School Teachers	3
	or MATH 1316 Trigonometry	

Required Major Courses

LIBR 1101	Introduction to Library Research	1
ARTS 3371	Study in Visual Art	3
Chemistry choice:		4
CHEM 2411	Integrated Sciences	
CHEM 1306	Chemistry for Allied Health Sciences	
& CHEM 1106	and Chemistry for Allied Health Sciences Laboratory	
EACH 4305	Organizing and Managing the Early Childhood Content	3
PHYS 1405	Elementary Physics I	4
HLTH 1370	Health and Wellness	3
KINT 3370	Motor Development	3
Statistics		3
MATH 3312	Probability Statistics and Statistical Modeling	
MATH 1342	Statistics	
MATH 3313	Elementary Geometry	3
MUSI 3371	Music for Elementary Teachers	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 4306	Special Topics	3
PEDG 4306	Special Topics	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	3
READ 3390	Teaching Reading in Elementary & Middle School Classrooms	3
READ 4305	Teaching Writing: Elementary & Middle School	3
Total Hours		120

Course	Title	Hours
First Year		
Fall		
ENGL 1301	Composition I ¹	3
COMM 1315	Public Speaking I ¹	3
MATH 1314	College Algebra(Non-Calculus) ¹	3
	or MATH 1332 or Contemporary Mathematics I	
HIST 1301	U S History I 1763-1877 ¹	3
SPSC 1301	Space Exploration ¹	3
Hours		15
Spring		
ENGL 1302	Composition II ¹	3

2 Interdisciplinary Studies (B.S.) EC-6 Core Subjects

MATH 1350 or MATH 1316	Fundamentals of Math for Elementary School Teachers or Trigonometry	3
HIST 1302	U S History II Since 1877 ¹	3
POLS 2301	Intro to American Government I ¹	3
Select one Core Science course from the following: ^{1,2}		3
BIOL 1308	General Biology (Non-Science Majors)	
BIOL 2401	Anatomy and Physiology I	
LIBR 1101	Introduction to Library Research	1
Hours		16

Second Year

Fall

PEDG 2310	Introduction to Teacher Education	3
PSYC 2301 or SOCI 1301	General Psychology ^{1,2} or Introduction to Sociology	3
Creative Arts ^{1,2}		3
Language, Philosophy & Culture		3
POLS 2302	Intro/American Government II ¹	3
MUSI 3371	Music for Elementary Teachers	3
Hours		18

Spring

PEDG 3300	Human Development and Learning	3
PEDG 2342	Diversity of Learners	3
HLTH 1370	Health and Wellness	3
PHYS 1405	Elementary Physics I	4
EACH 4305	Organizing and Managing the Early Childhood Content	3
Hours		16

Summer

Chemistry Choices		4
CHEM 2411	Integrated Sciences	
CHEM 1306 & CHEM 1106	Chemistry for Allied Health Sciences and Chemistry for Allied Health Sciences Laboratory	
MATH 3312	Probability Statistics and Statistical Modeling	3
Hours		7

Third Year

Fall

ARTS 3371	Study in Visual Art	3
MATH 3313	Elementary Geometry	3
PEDG 3350	Mathematics Methods for Teachers	3
PEDG 3352	Science Methods for Teachers	3
READ 3350	Language Arts Methods for Elementary & Middle Grades	3
Hours		15

Spring

READ 3390	Teaching Reading in Elementary & Middle School Classrooms	3
READ 4305	Teaching Writing: Elementary & Middle School	3
PEDG 3351	Social Studies Teaching Strategies	3
PEDG 4340	Managing Early Childhood Classroom Environment	3
KINT 3370	Motor Development	3
Hours		15

Fourth Year

Fall

PEDG 4306	Special Topics	3
PEDG 3330	Understanding English Learners	3
PEDG 3332	Technology in Education	3
Hours		9

Spring

PEDG 4306	Special Topics	3
PEDG 4370	Assessment	3

PEDG 4355	Inclusion in the General Education Classroom	3
Hours		9
Total Hours		120

¹ Core Curriculum Course

² Students should meet with their academic advisor to choose their best option.