

HOUSTON BAPTIST UNIVERSITY DEGREE PROGRAM PLAN ^
BACHELOR OF SCIENCE (BS)
MATHEMATICAL STUDIES (7-12) with Teacher Certification

CATALOG YEAR: 2018/2019

HBU.edu/catalog

LIBERAL ARTS CORE REQUIREMENTS:

“**” Indicates course must be completed with a “C” or higher

COURSES	Hours	COURSES	Hours
*ENGL 1313 Composition and Literature I	3	*MATH 1313 College Algebra or higher	3
*ENGL 1323 Composition and Literature II	3	GOVT 2313 American and Texas Government	3
ENGL 2315 or 2325 Great Works of Literature I or II	3	HIST 2311 Western Civilization I	3
PSYC 1313 General Psychology	3	HISTORY: Choose 1 from HIST 2312, HIST 2313 or HIST 2323	3
PHIL 1313 Introduction to Philosophy	3	ART 2343 Art Appreciation or MUSI 1331 Music Appreciation	3
Natural Science & Lab	4	COMM 1323 Rhetoric and Public Speaking	3
CHRI 1301 Introduction to the Bible	3		
CHRI 2373 Christian Theology and Tradition	3	TOTAL HOURS IN LIBERAL ARTS CORE	43

Students transferring to Houston Baptist University with 45 hours or more of transferable college credit are only required to take CHRI 1314, Introduction to the Christian Faith, to meet their Liberal Arts Core Curriculum Christianity requirements.

MAJOR REQUIREMENTS: All courses within major must be completed with a “C” or higher.

COURSE NO.	COURSE NAME	HOURS
	PRE-EDUCATION REQUIREMENTS:	
EDUC 2320	Learning and Development	3
EDUC 2330	Foundations of American Educational Thought	3
	COURSES TAKEN AFTER ADMISSION TO EDUCATOR PREPARATION PROGRAM:	
EDBI 4304	Methods of Teaching ESL	3
EDRE 4330	Teaching Content Area Reading Skills	3
EDSP 4302	Survey of Exceptional Children	3
EDSP 4311	Diagnostic & Prescriptive Teaching for Exceptional Children	3
EDSP 4325	Educating Gifted Learners	3
EDUC 4100	TExES State Certification Exam Preparation Seminar	1
ETEC 4306	Educational Applications of Technology	3
EDUC 4311	Curriculum & Instruction in the Secondary School	3
EDUC 4320	Teaching Methodology for Secondary Teachers	3
EDUC 4400	Clinical Teaching Seminar	4
EDUC 4894	Clinical Teaching in the High School Grades (with appropriate placement)	8
	MATHEMATICAL STUDIES (7-12):	
MATH 1313	College Algebra	LACC
MATH 1323	Trigonometry	3
MATH 1434	Pre-Calculus	4
MATH 1451	Calculus I	4
MATH 1452	Calculus II	4
MATH 2303	Foundations in Geometry, Measurement, Probability and Statistics	3
MATH 2323	Linear Algebra	4
MATH 3302	Foundations of Geometry	3
MATH 3311	Introduction to Discrete Mathematics and Combinatorics	3
MATH 3404	Probability and Statistics with Computer Applications	4
MATH 4201	Mathematical Topics in Education	2
	Total Hours in Major	77
	Elective Hours Required	5
	TOTAL HOURS IN DEGREE	125

^ Students may obtain the official degree plan from their academic advisor.