

## Howard Payne University

### General Schedule for a B.S. in Mathematics

#### Secondary-education major; Odd-numbered starting year

Freshman Fall	Freshman Spring
GEN 1101 University Seminar (1)	BIB 1304 Intro. New Testament (3)
BIB 1303 Intro. Old Testament (3)	ENG 1312 English Composition II (3)
ENG 1311 English Composition I (3)	COM 1310 Fund. Human Communication (3)
CIS 1339 Intro. to Information Technology (3)	Life or Physical Science course with lab (4)
Life or Physical Science course with lab (4)	<b>MAT 2461 Calculus II (4)</b>
<b>MAT 2451 Calculus I (4)</b>	ESS 1100 Principles of Personal Fitness (1)
18 hrs	18 hrs
Sophomore Fall	Sophomore Spring
ENG 2351, 53, or 73 English Literature (3)	HIS 1320 U.S. History Since 1877 (3)
HIS 1310 U.S. History to 1877 (3)	<b>MAT 3302 Linear Algebra (3)</b>
Fine Arts course (3)	<b>MAT 3451 Differential Equations (4)</b>
CIS 1359 Programming Logic (3)	ESS course (Class A or B) (1)
<b>MAT 3361 Calculus III (3)</b>	Electives (6)
ESS course (Class A) (1)	
16 hrs	17 hrs
Junior Fall	Junior Spring
EDU 3310 Philosophical Foundations I (3)	EDU 3330 Psychological Foundations II (3)
EDU 4329 Secondary Meth. and Curriculum (3)	EDU 4339 Secondary Educational Tech. (3)
POS 2311 American Government (3)	POS 2340 Social Studies of Texas (3)
<b>MAT 3311 Abstract Algebra (3)</b>	CIS programming course (3)
<b>MAT 3322 Geometry (3)</b>	<b>MAT 4341 Probability and Statistics (3)</b>
Elective (2)	<b>MAT 4351 Real Analysis (3)</b>
17 hrs	18 hrs
Senior Spring	
GEN 4100 Senior Seminar (1)	<b>MAT 4200 Foundations of Review and Assessment (2)</b>
REA 4346 Teaching Reading (3)	EDU 4385 Stu. Teaching in Sec. Schools (3)
EDU 4000 TExES Review (0)	EDU 4390 Stu. Teaching in Sec. Schools (3)
<b>MAT 3381 Math for Secondary Teachers (3)</b>	
<b>MAT 4000 TExES Review for Sec. Teach. (0)</b>	
<b>MAT 4100 Math Internship (1)</b>	
Electives (4)	
12 hrs	8 hrs
<b>124 hrs</b>	

BIB: Biblical Studies

BIO: Biology

CIS: Computer Information Systems

COM: Communications

ENG: English

ESS: Exercise and Sports Science

GEN: General Education

HIS: History

**MAT: Mathematics**

POS: Political Science