

**Howard Payne University**  
**General Schedule for a B.S. in Mathematics**  
**Secondary-education major; Even-numbered starting year**

Freshman Fall	Freshman Spring
GEN 1101 University Seminar (1) BIB 1303 Intro. Old Testament (3) ENG 1311 English Composition I (3) CIS 1339 Intro. to Information Technology (3) <b>MAT 2347 Discrete Mathematics (3)</b> <b>MAT 2451 Calculus I (4)</b> KIN 1100 Principles of Personal Fitness (1) 18 hrs	BIB 1304 Intro. New Testament (3) ENG 1312 English Composition II (3) Life or Physical Science course with lab (4) <b>MAT 2461 Calculus II (4)</b> COM 1310 Fund. Human Communication (3) 17 hrs
Sophomore Fall	Sophomore Spring
ENG 2351, 53, or 73 English Literature (3) HIS 1310 U.S. History to 1877 (3) <b>MAT 3361 Calculus III (3)</b> <b>MAT 3302 Matrix &amp; Linear Algebra (3)</b> KIN course (Class A) (1) 13 hrs	HIS 1320 U.S. History Since 1877 (3) <b>MAT 4441 Applied Probability &amp; Statistics (4)</b> <b>MAT 3451 Differential Equations (4)</b> <b>MAT 3302 Abstract Algebra (3)</b> KIN course (Class A or B) (1) 15 hrs
Junior Fall	Junior Spring
EDU 3300 Philosophical Foundations (3) EDU 3301 Teaching & Learning I (3) GOV 2311 American Government (3) Fine Arts Course (3) <b>MAT 4361 Complex Analysis (3)</b> 15 hrs	EDU 3302 Teaching & Learning II (3) REA 4346 Literacy Instruction Content in Area (3) GOV 2340 Social Studies of Texas (3) <b>MAT 3322 Geometry (3)</b> 12 hrs
Senior Fall	Senior Spring
GEN 4100 Senior Seminar (1) EDU 4302 Secondary Methods (3) EDU 4100 TExES Review (1) <b>MAT 3381 MATH FOR SECONDARY TEACHERS (3)</b> <b>MAT 4181 TExES Review for Sec. Teach. (1)</b> Elective (3) 12 hrs	EDU 4375 Educational Technology Appl. (3) EDU 4890 Clinical Teaching in Sec. Schools (8) 11 hrs

BIB: Biblical Studies

COM: Communications

GEN: General Education

GOV: Government

BIO: Biology

ENG: English

HIS: History

EDU: Education

CIS: Computer Information Systems

KIN: Kinesiology

**MAT: Mathematics**