

**Howard Payne University**  
**General Schedule for a B.S. in Mathematics**  
**Non-education major; Odd-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) Physical or Life Science (4) History course (HIS 1310 recommended) (3) <b>MAT 3361 Calculus III (3)</b> <b>MAT 3302 Linear Algebra (3)</b> KIN course (Class A) (1) 17 hrs	GOV 2311 American Government (3) Fine Arts course (3) <b>MAT 3451 Differential Equations (4)</b> <b>MAT 3322 Geometry (3)</b> CIS 1359 Programming Logic (3) KIN Course (Class A or B) (1) 17 hrs
Junior Fall	Junior Spring
Psychology or Sociology course (3) Electives (12) 15 hrs	<b>MAT 3311 Abstract Algebra (3)</b> <b>MAT 4441 Applied Probability &amp; Statistics (4)</b> Electives (5) 12-15 hrs
Senior Fall	Senior Spring
GEN 4100 Senior Seminar (1) <b>MAT 4361 Complex Analysis (3)</b> Electives (9) 13 hrs	CIS Prog. course (beyond CIS 1359) or <b>MAT 4371 Intro. to Numerical Analysis (3)</b> Electives (11) 14 hrs

**123–126 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**