

Howard Payne University

General Schedule for a B.S. in Mathematics

Non-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) Life or Physical Science course with lab (4) MAT 2451 Calculus I (4) <div style="text-align: right;">18 hrs</div>	BIB 1304 Intro. New Testament (3) ENG 1312 English Composition II (3) COM 1310 Fund. Human Communication (3) Life or Physical Science course with lab (4) MAT 2461 Calculus II (4) ESS 1100 Principles of Personal Fitness (1) <div style="text-align: right;">18 hrs</div>
Sophomore Fall	Sophomore Spring
ENG 2351, 53, or 73 English Literature (3) Physical or Life Science, or Math course (3,4) History course (HIS 1310 recommended) (3) MAT 3361 Calculus III (3) Psychology or Sociology course (3) ESS course (Class A) (1) <div style="text-align: right;">16–17 hrs</div>	POS 2311 American Government (3) Fine Arts course (3) MAT 3451 Differential Equations (4) MAT 3302 Linear Algebra (3) CIS 1359 Programming Logic (3) ESS Course (Class A or B) (1) <div style="text-align: right;">17 hrs</div>
Junior Fall	Junior Spring
MAT 3311 Abstract Algebra (3) MAT 4361 Complex Analysis (3) CIS Programming course (3) Electives (4) <div style="text-align: right;">13 hrs</div>	MAT 4341 or 4471 (Probability & Statistics or Numerical Analysis) (3,4) Electives (12) <div style="text-align: right;">15–16 hrs</div>
Senior Fall	Senior Spring
GEN 4100 Senior Seminar (1) MAT 3322 Geometry (3) Elective (can be MAT 4312 Adv. Diff Eqns.) (3) Electives (6) <div style="text-align: right;">13 hrs</div>	MAT 4200 Foundations of Review and Assessment (2) MAT 4351 Real Analysis (3) Electives (9) <div style="text-align: right;">14 hrs</div>
124–126 hrs	

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