Liberal Arts & Sciences

MATHEMATICS DEGREE MAP

B.SC, HONOURS

YEAR 1
(10 one-term courses)

- **MAT 121** Calculus I
- The Drama of Scripture
- Western Culture and Tradition I
- **PHY 121** Physics I: Newtonion Mechanics
- **MAT 126** Introductory Linear Algebra
- **MAT 122** Calculus II
- Introduction to Reformed Worldview
- Western Culture and Tradition II
- **PHY 122** Physics II: Waves, Heat, and Time

YEAR 2
(10 one-term courses)

- **MAT 215** Statistics
- Faith and Philosophy
- **MAT 223** Multivariable Calculus
- **CSC 121** Computer Programming I
- **MAT 217** Discrete Mathematics
- Understanding Our World ...*
- Understanding Our World ...*

YEAR 3
(10 one-term courses)

- **MAT 231** Differential Equations
- **MAT 321** Modern Geometry
- Global or Local Issues**
- **MAT 331** Abstract Algebra
- **MAT 341** Real Analysis I
- **SCI 310** History and Philosophy of Science
- Non-Western Perspectives**
- **MAT 318** Mathematical Biology
- **MAT 311** Numerical Analysis

YEAR 4
(10 one-term courses)

- **MAT 485** Honours Independent Study
- Core Capstone Experience
  MAT 321 meets this requirement
- **MAT 442** Real Analysis II
- **MAT 490** Honours Research Project
- **MAT 436** Linear Algebra

Read all course descriptions at **redeemer.ca/mathematics**

o = elective within major

● DISCOVER YOUR WORLD ● FIND YOUR CALLING ● DEEPEN YOUR FAITH ● TRANSFORM YOUR MIND

CORE COURSES MAJOR COURSES MINOR/ELECTIVE COURSES

*Understanding our World through the Sciences, Social Sciences, or Arts. Choose two of three courses outside your major. These courses can be taken in year 2 or 3.

**Choose from a list of possible course options or off-campus study opportunities. These courses can be taken in year 3 or 4.

Note: Some core courses can be taken in year 2 or 3, or years 3 or 4. Students will chart their own path of study at Redeemer. Course offerings and availability change from year to year and are subject to change. This chart is meant to be used as an example.