



Recommended Plan of Study for Applied Mathematics 2019-2020

First Semester

First Year

Old Testament Survey 1 (BT 102)	3()
Survey of Doctrine (BT 151)	3()
Christian Life and Worldview (HUM 111) <i>or</i> Introduction to Biblical Interpretation (BT 120)	3()
English Composition (ENG 101)	3()
Survey of Mathematics (MAT 130)	3()
Transitions Seminar (FND 101)	.5()
Servant Leader Training Seminar (CCS 115)	.5()
Chapel (CCS 110)	P/F()

Total Credits 16

Second Year

Fundamental Computer Literacy (CS 101)	3()
Fundamentals of Speech (COM 112)	3()
Analytic Geometry and Calculus 1 (MAT 172)	4()
Linear Algebra and Matrix Theory (MAT 210)	3()
Elective	3()
Servant Leader Training (CCS 120)	P/F()
Chapel (CCS 110)	P/F()

Total Credits 16

Third Year

Biblical and Practical Theology of Transformation (BT 352)	3()
Humanities Elective	3()
Differential Equations (MAT 260)	3()
Numerical Computation (CS 270)	3()
Probability and Statistics (MAT 310)	3()
Servant Leader Training (CCS 120)	P/F()
Chapel (CCS 110)	P/F()

Total Credits 15

Fourth Year

Theology Elective (BT 221, BT 321, <i>or</i> BT 331)	3()
Operations Research (MAT 430)	3()
Mathematical Methods in Private/Public Sectors (MAT 450)	3()
Applied Mathematics Elective	3()
Elective	3()
Senior Seminar (FND 410)	.5()
Servant Leader Training (CCS 120)	P/F()
Chapel (CCS 110)	P/F()

Total Credits 15.5

Second Semester

First Year

Old Testament Survey 2 (BT 104)	3()
New Testament Survey (BT 106)	3()
Introduction to Biblical Interpretation (BT 120) <i>or</i> Christian Life and Worldview (HUM 111)	3()
Introduction to Literature (ENG 102)	3()
Pre-Calculus (MAT 162) <i>or</i> demonstrated proficiency	3()
Discrete Mathematics (MAT/CS 220)	3()
Servant Leader Training (CCS 120)	P/F()
Chapel (CCS 110)	P/F()

Total Credits 15/18

Second Year

Biblical Hermeneutics (BT 220)	3()
Introduction to Earth Science and Lab (SCI 230/231)	4()
Analytic Geometry and Calculus 2 (MAT 182)	4()
Mathematical Logic (MAT 240)	3()
Elective	3()
Servant Leader Training (CCS 120)	P/F()
Chapel (CCS 110)	P/F()

Total Credits 17

Third Year

Praxis of Interpretation (BT 320)	3()
Microeconomics (ECN 205)	3()
Western Civilization 2 (HIS 132) <i>or</i> American History 1 (HIS 235)	3()
Analytical Statistics (MAT 315)	3()
Numerical Analysis (MAT/CS 365)	3()
Servant Leader Training (CCS 120)	P/F()
Chapel (CCS 110)	P/F()

Total Credits 15

Fourth Year

Theology Elective (BT 221, BT 321, <i>or</i> BT 331)	3()
Systems Simulation (MAT/CS 470)	3()
Applied Mathematics Internship (MAT 480)	3()
Applied Mathematics Elective	3()
Elective	3()
Servant Leader Training (CCS 120)	P/F()
Chapel (CCS 110)	P/F()

Total Credits 15

Total Credits Needed: 124.5 / 127.5