BS – Mathematics

3 hours of natural science (see advisor for options)

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MATH 2471 (F,S,Su)
Calculus I

MATH 2472 (F,S,Su)
Calculus II

CS 1428 (F,S,Su)
Foundations of Computer Science I

MATH 3330 (F,S,Su)
Intro to Advanced Math

MATH 3380 (F,S)
Analysis I

MATH 3377 (F,S,Su)
Linear Algebra

MATH 3373 (F,S,Su)
Calculus III

MATH 3377 (F,S,Su)
Linear Algebra

MATH 3330 (F,S,Su)
Intro to Advanced Math

MATH 3380 (F,S)
Analysis I

MATH 3377 (F,S,Su)
Linear Algebra

MATH 3373 (F,S,Su)
Calculus III

MATH 4330 (F)
Topology

MATH 4315 (S)
Analysis II

MATH 4307 (F,S)
Modern Algebra

9 hours MATH advanced electives:
- MATH 3305 – Intro to Prob & Stats (F,S,Su)
- MATH 3323 – Differential Equations (F,S,Su)
- MATH 3383 – Numerical Analysis I (F)
- MATH 3398 – Discrete Math II (F,S,Su)
- MATH 3348 – Det. Operations Research (F)
- MATH 4305 – Prob & Stats (S)
- MATH 4350 – Combinatorics (S)
- MATH 3325 – Number Systems (S)
- MATH 4306 – Fourier Series (S)
- MATH 4382 – Lit. Modern History of Math
- MATH 4383 – Numerical Analysis II
- MATH 4336 – Studies in Applied Math

ENG 23XX or ENG 3303
(ENG 23XX must be different than literature)

or

ENG 23XX
(ENG 23XX must be different than literature)
taken for core)

or

Det. Math II
Numerical Analysis I

Modern History of Math
Operations Research

Required WI courses:
Additional WI courses: ENG 3303, MATH 4382

Core courses must be completed:

- US 1100
- COMM 1310
- PHIL 1305 or 1320
- ENG 1310
- ENG 1320
- ENG 2310-2360
- HIST 1310
- HIST 1320
- ART/DAN/MU/TH 2313
- POSI 2310
- POSI 2320
- ANTH 1312/ECO 2301/ECO 2314/GEO 1310/PSY 1300/SOCI 1310

US 1100 & ENG 1310 recommended for first semester. HIST 1310/1320 not recommended for first semester.