

Minors

Department of Mathematics and Statistics

Name:

Minor in Mathematics: 18 credit hours with an average GPA of 2.0 or more.

- MATH 1241 (Calculus I)
- MATH 1242 (Calculus II)
- MATH 2164 (Linear Algebra) or MATH 2171 (Differential Equations) or MATH 2241 (Calculus III)
- MATH 2164, or MATH 2167, or MATH 2171, or MATH 2241, or MATH 2242, or STAT 2122, or any 3xxx-4xxx MATH, STAT, OPRS.
- MATH 3xxx, or STAT 3xxx, or OPRS 3xxx
- MATH 3xxx, or STAT 3xxx, or OPRS 3xxx

Minor in Statistics: 18 credit hours with an average GPA of 2.0 or more.

- MATH 1120, 1121, or 1241 (Calculus I)
- MATH 2120, or 1242 (Calculus II)
- STAT 1220, or 1221, or 1222, or 2122 (Intro to Statistics)
- STAT 2223 (Statistics II)
- Choose one from STAT 3110, 3140, 3150, 3160
- Additional approved course from student's major or one from STAT 3110, 3140, 3150, 3160, 3180.

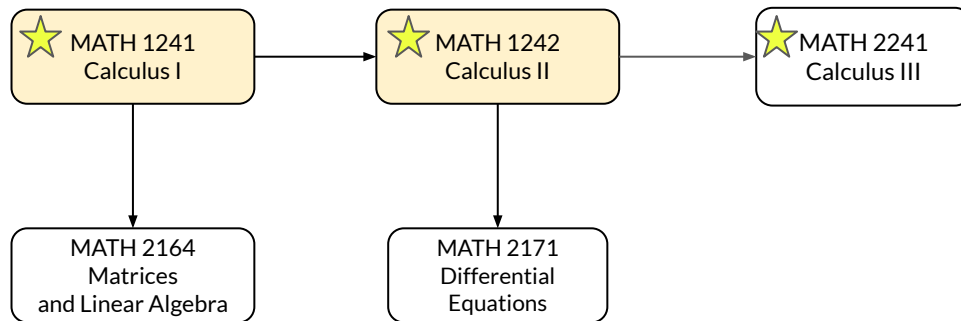
Minor in Actuarial Mathematics 21 credit hours with an average GPA of 2.0 or more.

- MATH 1241 (Calculus I)
- MATH 1242 (Calculus II)
- MATH 2164 (Linear Algebra)
- MATH 2241 (Calculus III)
- MATH 3227 (Theory of Interest)
- MATH 3228 (Financial Math and General Cashflows)
- STAT 3122 (Probability and Statistics) or MATH 3122 or STAT 3128.

Minor in Mathematics suggested paths

Effective AY 2025-2026

Minor in Mathematics



MATH 1241, 1242 are required courses. Choose 4 additional courses, including 1 from MATH 2164, 2171, and 2241.

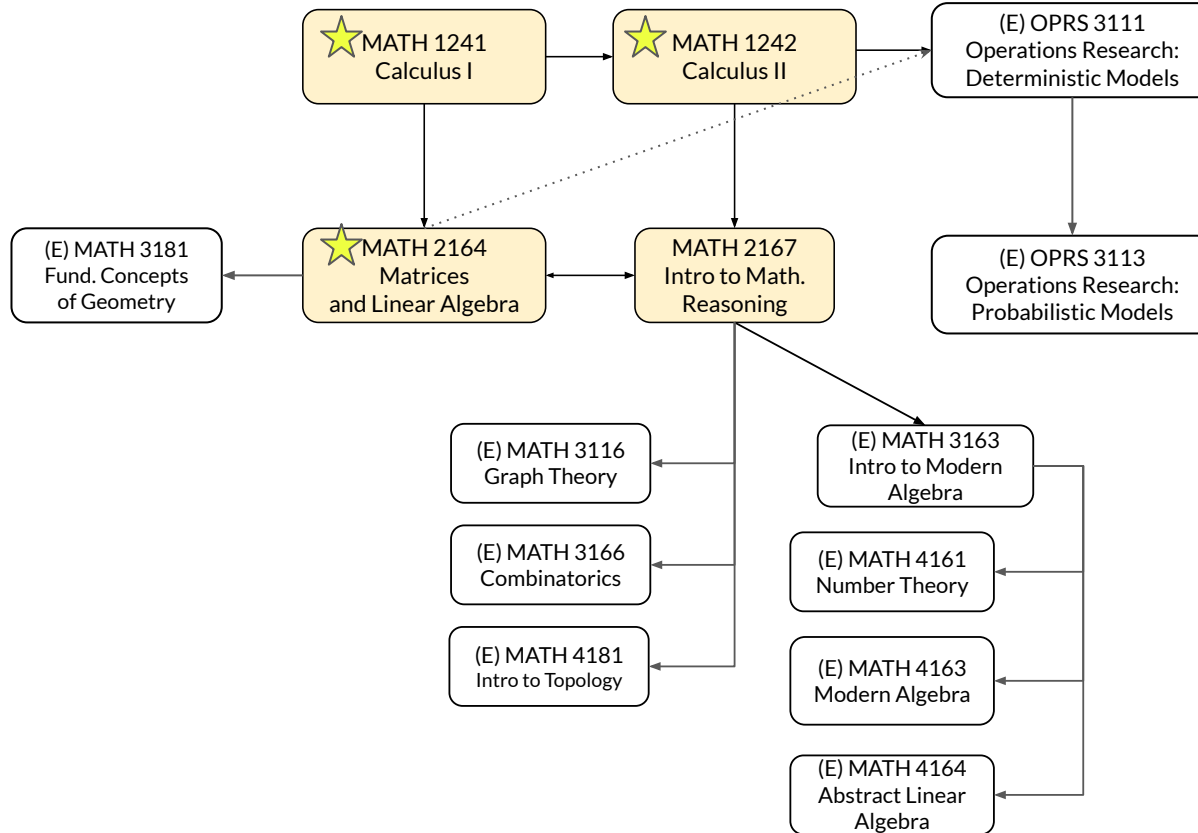
Suggested path combinations:

- MATH 2164 + MATH 2167 (Pure math path)
- MATH 2164 + MATH 2241 (Computational math path)
- MATH 2171 + MATH 2241 (Applied math path)
- MATH 2164 + STAT 2122 (Business and statistics path)



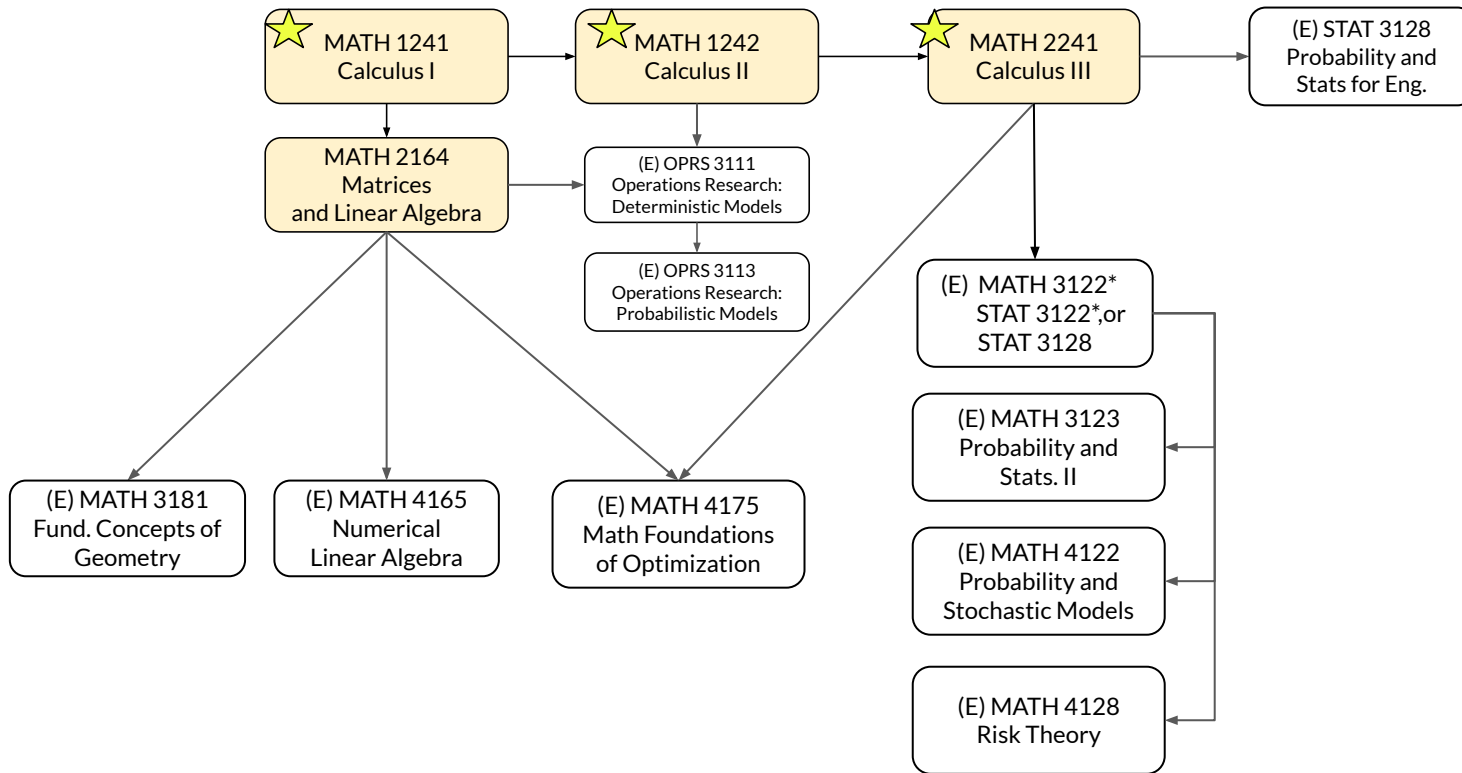
Must have “C” or above to move to the next course.

Minor in Mathematics: MATH 2164+2167 path



★ Must have "C" or above. (E)= suggested elective

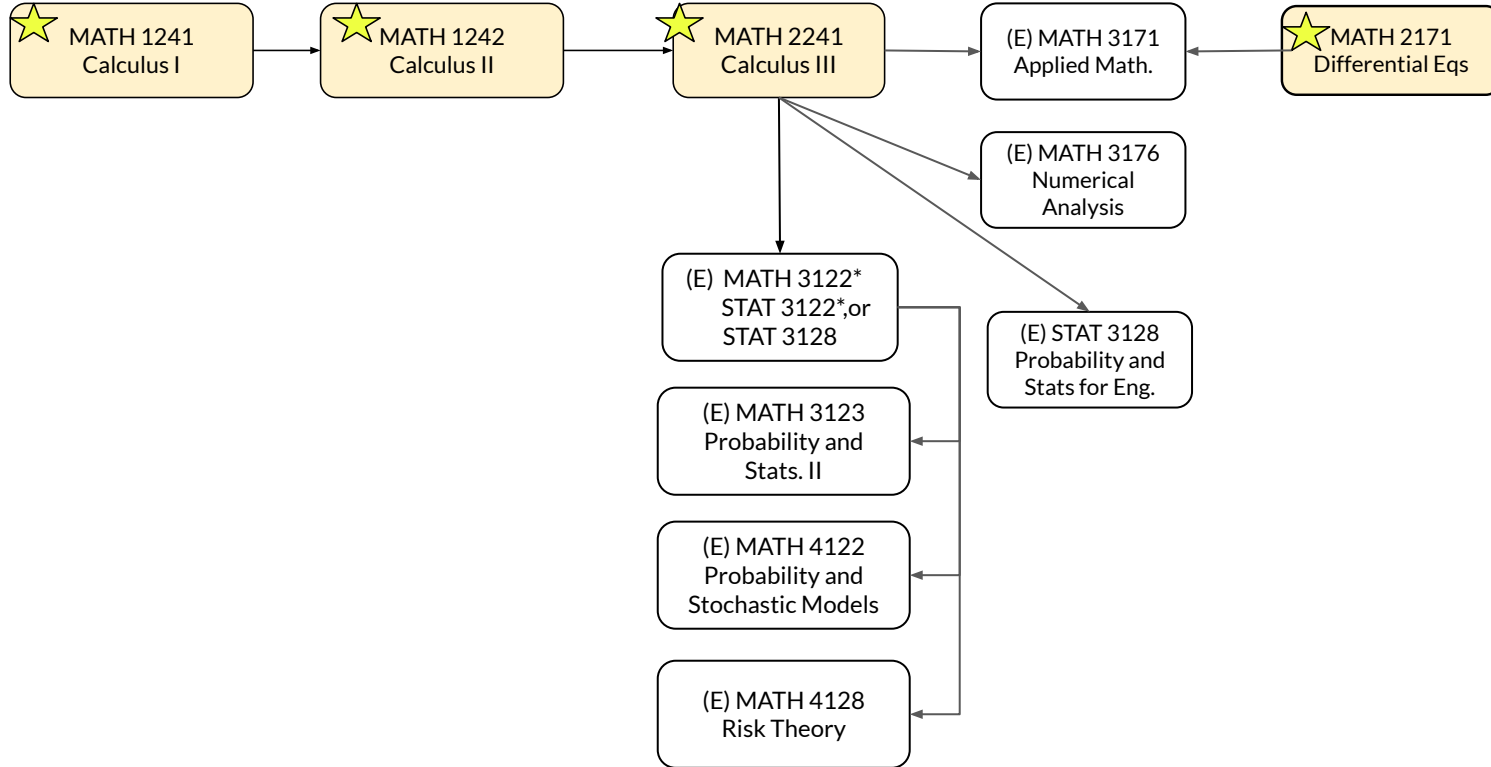
Minor in Mathematics: MATH 2164+2241 path



★ Must have “C” or above. (E)=suggested elective

* May not be taken for credit if credit has been given for STAT 3128.

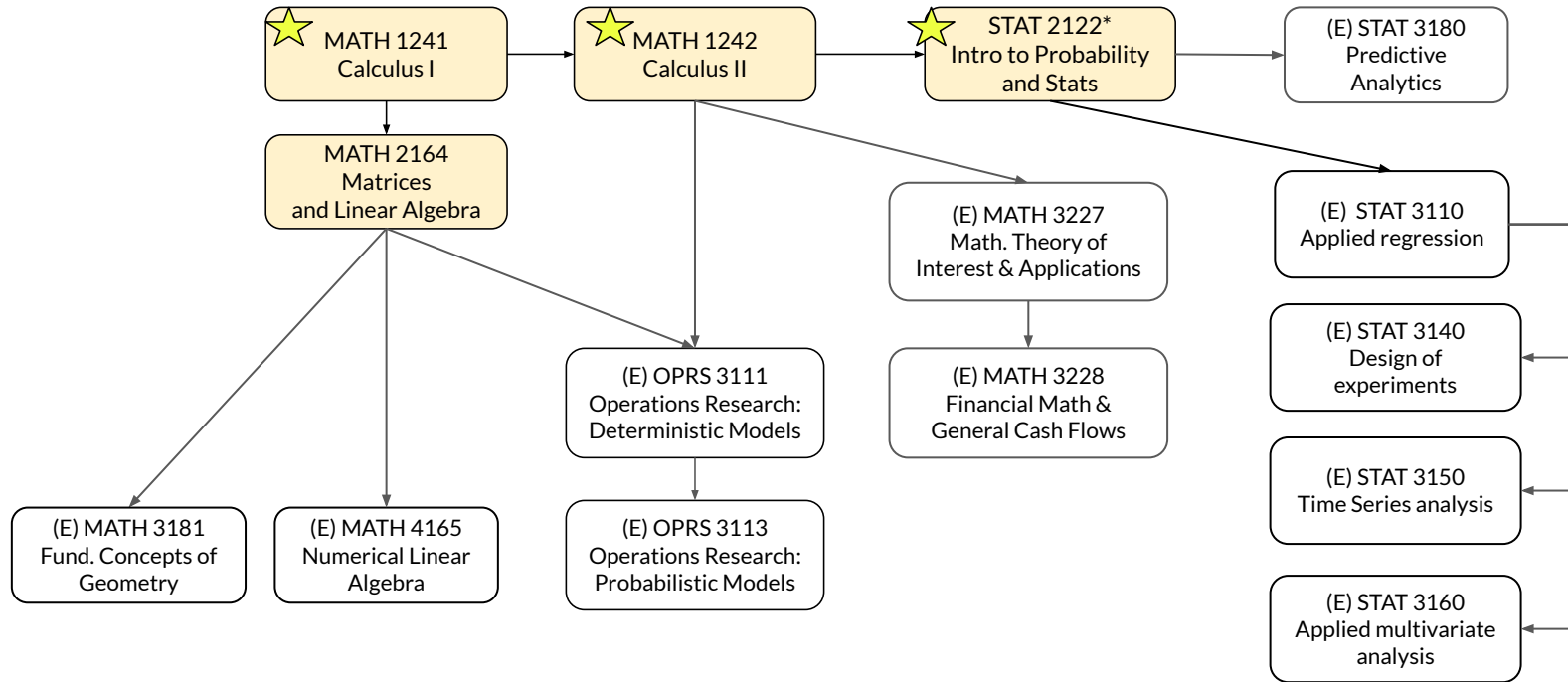
Minor in Mathematics: MATH 2171+2241 path



★ Must have "C" or above. (E)=suggested elective

* May not be taken for credit if credit has been given for STAT 3128.

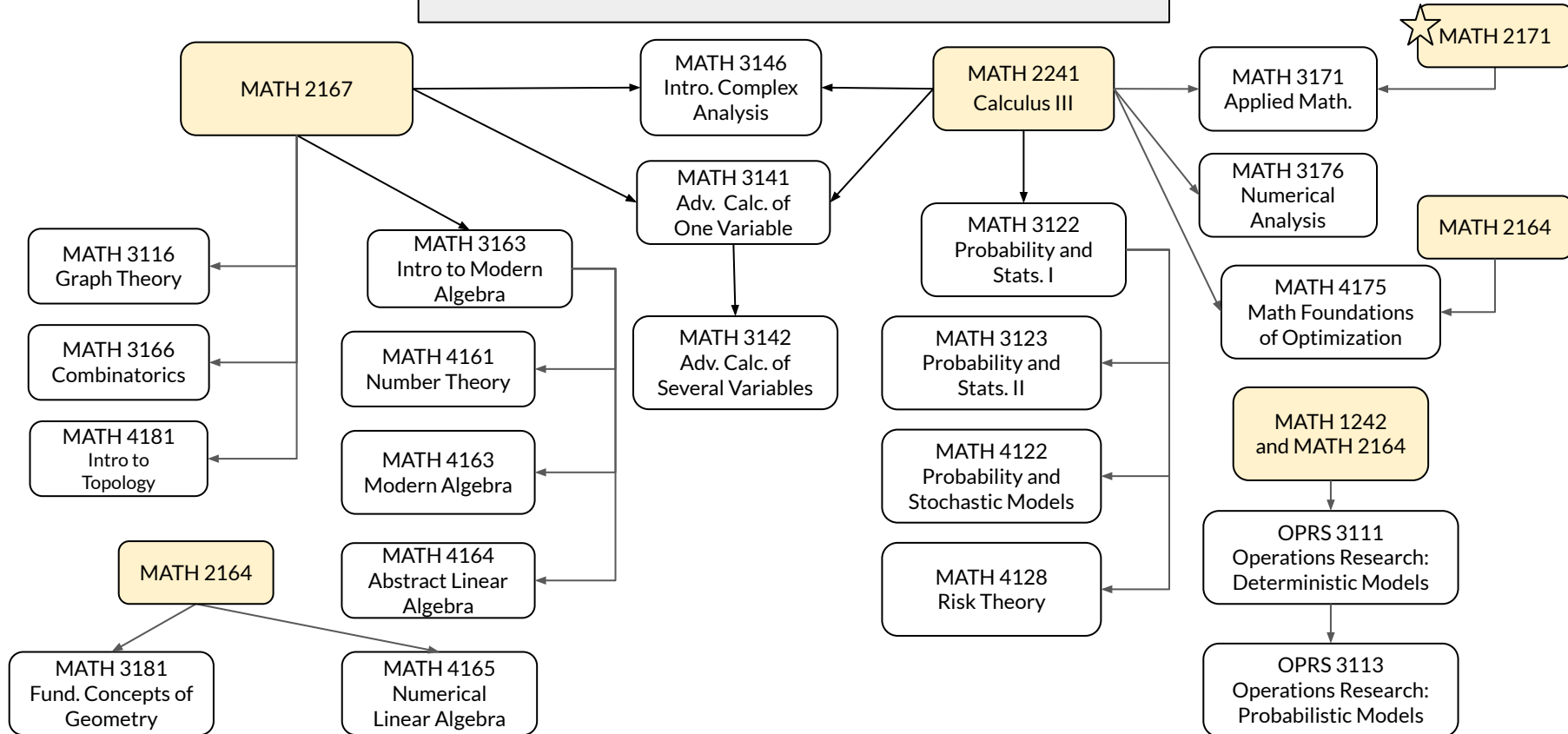
Minor in Mathematics: MATH 2164 + STAT 2122 path



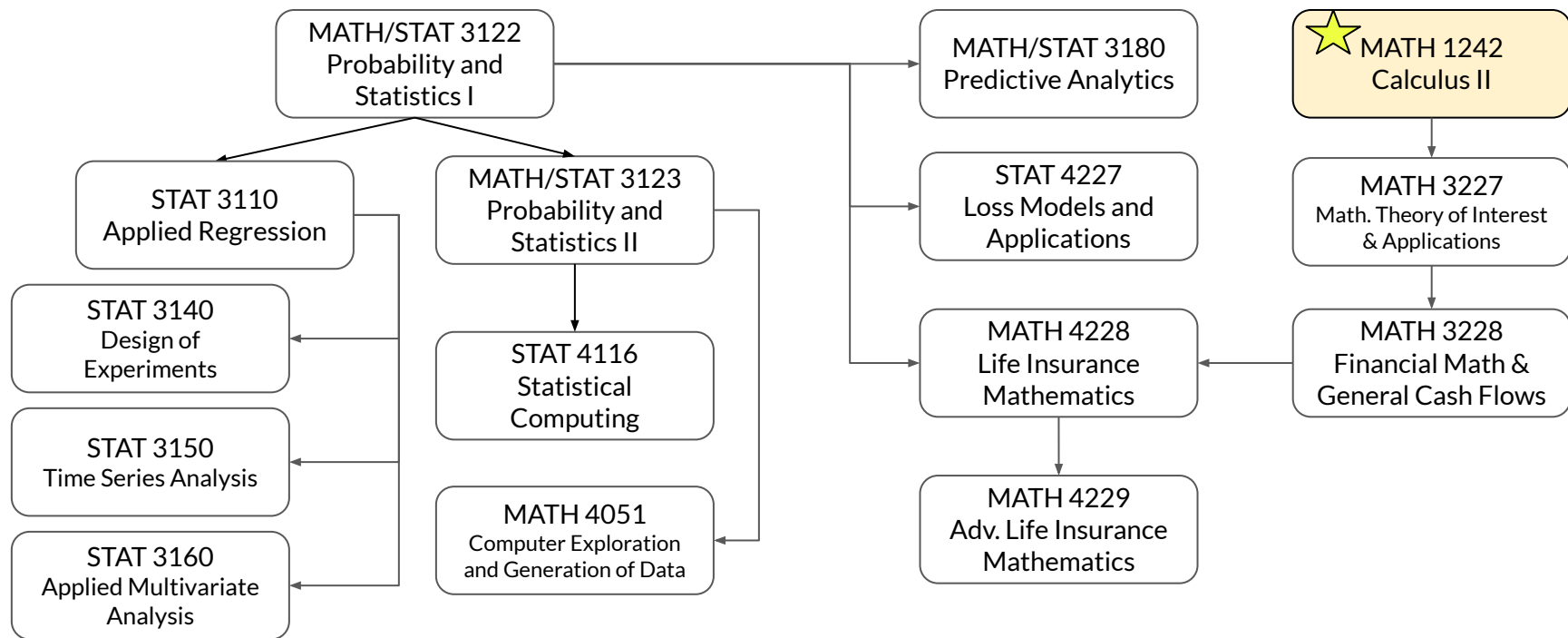
★ Must have "C" or above. (E)=suggested elective

* May not be taken for credit if credit has been given for STAT 3128.

Upper Level all Electives (MATH and OPRS)

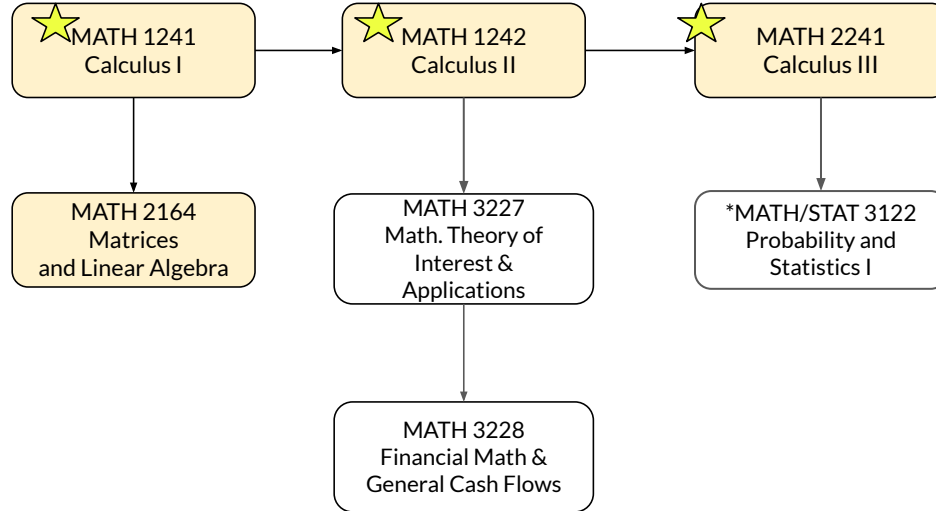


Upper Level all Electives (STAT and Actuarial Science)



Minor in Actuarial Science Flow chart

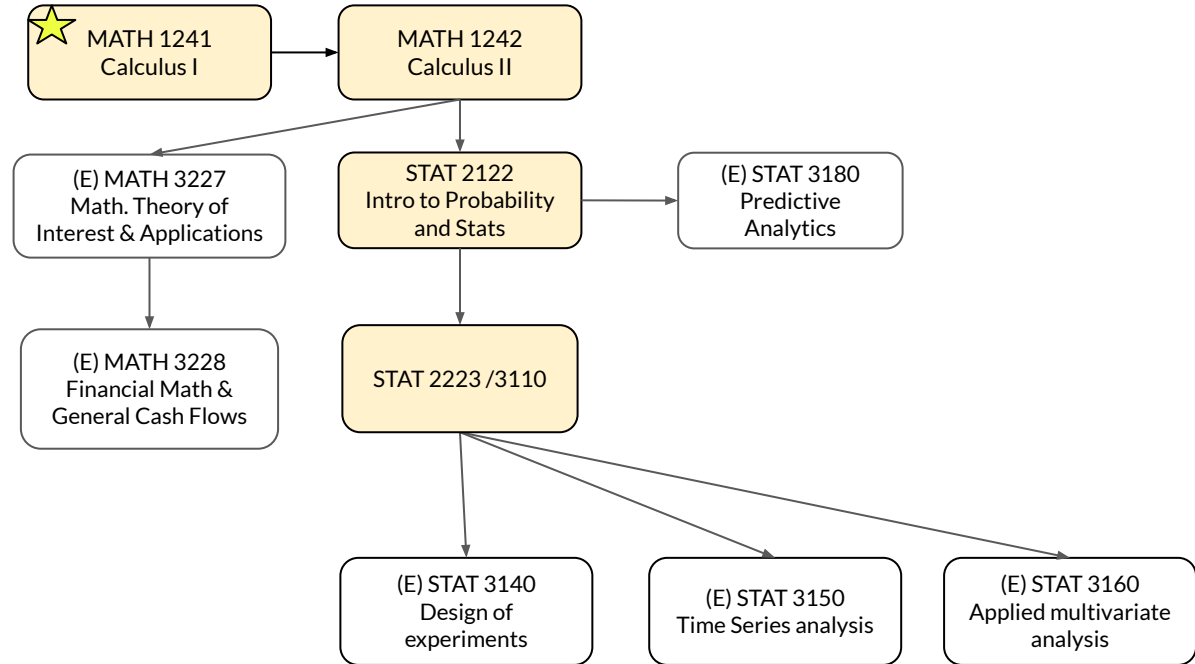
Minor in Actuarial Science



★ Must have "C" or above. *STAT 3128 is allowed.

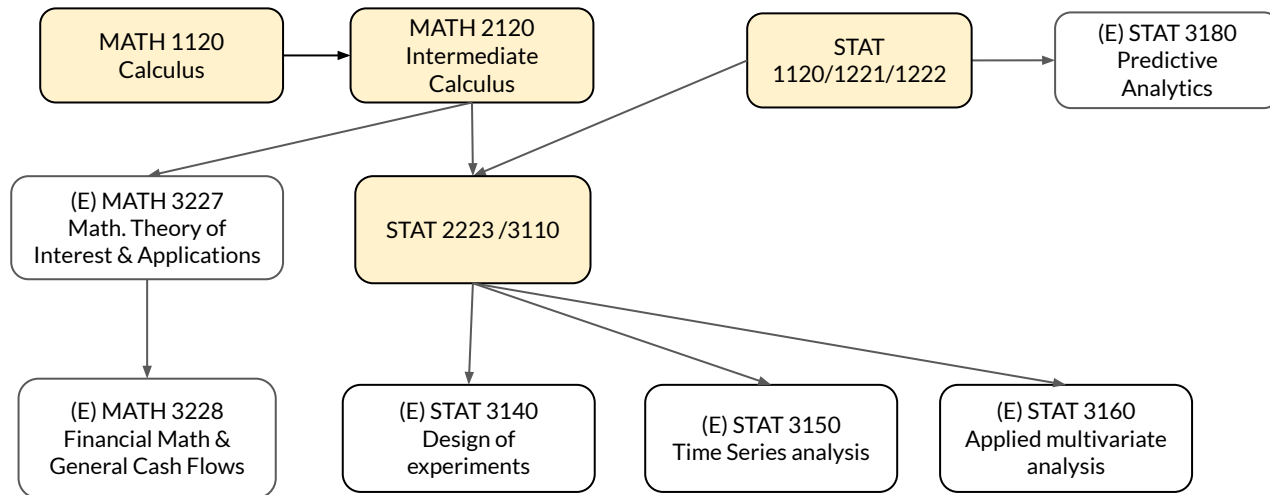
Minor in Statistics Flow charts

Minor in Statistics: M1241+M1242+S2122 path



★ Must have "C" or above. (E)=suggested elective

Minor in Statistics: M1120+M2120+S1220/1221/1222 path



★ Must have "C" or above. (E)=suggested elective