

Plan for offering Math degree courses (Courses offered in Surrey, unless otherwise noted. Updated July 2022)

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| Offered every Fall and Spring: | |
| Calculus I and II (Richmond and Surrey) Math 2232 Linear Algebra Math 2335 Intro Stats for Life Sciences (Richmond and Surrey) | Math 4350 Senior Project (by arrangement) |
| Offered every Fall: | Offered every Spring: |
| Math 1135 Problems and Concepts Math 2321 Calc III: Multivariable Calculus (Richmond and Surrey) Math 2341 Intro Stats for Business Math 2410 Discrete Mathematics Math 3120 Applied Mathematics Math 3315 Inferential Statistics Math 4240 Mathematical Modelling | Math 2315 Probability and Statistics Math 2331 Introduction to Analysis Math 2410 Discrete Mathematics (Richmond) Math 3421 Ordinary Differential Equations Math 4250 Special Topics |

It is strongly recommended that you take Math 1135 in your first year and Math 3421 in your second year.
Upper level courses (additional courses may be added)

| | Fall term | Spring term |
|---------------|---|--|
| 2022/ 2023 | Math 3120 Applied Mathematics Math 3170 Complex Variables Math 3315 Inferential Statistics Math 3431 Partial Differential Equations Math 4220 Numerical Methods Math 4240 Mathematical Modelling Math 3110 Simulation Modelling (replacing CPSC 3110) | Math 3130 Intro to the Mathematics Classroom Math 3150 Structure of Math Math 3322 Calc IV: Vector Calculus Math 3421 Ordinary Differential Equations Math 4250 Special Topics* (Applied Data Science) |
| 2023/ 2024 | Math 3120 Applied Mathematics Math 3140 Mathematical Computing Math 3315 Inferential Statistics Math 4150 Number Theory Math 4210 Biomath Math 4240 Mathematical Modelling | Math 3250 Geometry Math 3421 Ordinary Differential Equations Math 3450 History of Math Math 4130 Theory of Mathematics Education Math 4250 Special Topics * (TBA) |
| 2024/ 2025 | Math 3120 Applied Mathematics Math 3170 Complex Variables Math 3315 Inferential Statistics Math 3431 Partial Differential Equations Math 4220 Numerical Methods Math 4240 Mathematical Modelling Math 3110 Simulation Modelling (replacing CPSC 3110) | Math 3130 Intro to the Mathematics Classroom Math 3150 Structure of Math Math 3322 Calc IV: Vector Calculus Math 3421 Ordinary Differential Equations Math 4250 Special Topics* (TBA) |
| 2025/ 2026 | Math 3120 Applied Mathematics Math 3140 Mathematical Computing Math 3315 Inferential Statistics Math 4150 Number Theory Math 4210 Biomath Math 4240 Mathematical Modelling | Math 3250 Geometry Math 3421 Ordinary Differential Equations Math 3450 History of Math Math 4130 Theory of Mathematics Education Math 4250 Special Topics * (TBA) |
| 2026/ 2027 | Math 3120 Applied Mathematics Math 3170 Complex Variables Math 3315 Inferential Statistics Math 3431 Partial Differential Equations Math 4220 Numerical Methods Math 4240 Mathematical Modelling Math 3110 Simulation Modelling (replacing CPSC 3110) | Math 3130 Intro to the Mathematics Classroom Math 3150 Structure of Math Math 3322 Calc IV: Vector Calculus Math 3421 Ordinary Differential Equations Math 4250 Special Topics* (TBA) |

Students who need to do Math 4350 Senior Project should contact mathadvising@kpu.ca about arranging a faculty supervisor, at least one year before anticipated graduation. Senior Projects will generally be completed during Fall or Spring term.

*Students may take two distinct Math 4250 Special Topics course for credit.

For program requirements: <https://calendar.kpu.ca/programs-az/science-horticulture/mathematics/mathematics-applications-bs/>