# Applied Mathematics - Three Year Program - 2019-2020 Catalogue

Note: This is an example of a three-year BAM schedule.
Many courses are offered in other semesters. If you overload, withdraw, transfer, or fail courses, your semester schedule may need to be adjusted. * Indicates a course with a lab component.

### Fall CR
- MATH1750 Engineering Calculus I 4
- MATH1550 Foundations of Applied Math 4
- PHYS1250 Engineering Physics I * 4
- COMP1000 Computer Science I * 4
- ENGLxxx English Sequence 4
- Total Semester Credits: 20

### Spring CR
- MATH1850 Engineering Calculus II 4
- MATH2300 Discrete Mathematics 4
- PHYS1750 Engineering Physics II * 4
- COMP1050 Computer Science II * 4
- ENGLxxx English Sequence 4
- Total Semester Credits: 20

### Summer CR
- COOP3000 Pre-Cooperative Work Semester Optional 0

### Sophomore Year 2020-2021 24-26 earned hours
- MATH2025 Multivariable Calculus 4
- MATH2100 Probability and Statistics 4
- MATH2550 Transition to Advanced Mathematics 4
- MATH3900 Numerical Analysis I 4
- HSS, See below HSS, HUMN, and SS 4
- HUMN, SS Elective Requirements 4
- Total Semester Credits: 20

### Spring CR
- MATH2200 Advanced Statistics 4
- MATH2500 Differential Equations 4
- MATH2860 Linear Algebra & Matrix Theory 4
- MATH3950 Numerical Analysis II 4
- HSS, See below HSS, HUMN, and SS 4
- HUMN, SS Elective Requirements 4
- Total Semester Credits: 20

### Summer CR
- COOP3500 Cooperative Work Semester I Required 0

### Third Year 2021-2022 20-22 earned hours
- MATH3700 Operations Research 4
- MATH4900 Partial Differential Equations 4
- ELECTIVE Technical Elective 4
- ELECTIVE Technical Elective 4
- HSS, See below HSS, HUMN, and SS 4
- HUMN, SS Elective Requirements 4
- Total Semester Credits: 20

### Summer CR
- MATH5000 Applied Math Final Year Design 4
- ELECTIVE Technical Elective 4
- ELECTIVE Technical Elective 4
- HSS, See below HSS, HUMN, and SS 4
- HUMN, SS Elective Requirements 4
- Total Curriculum Credits: 120

### HSS, HUMN, and SS Elective Requirements
- HUMN Humanities Elective
- ELECTIVE ENGL Sequence Prerequisite
- SS Social Science Elective
- ELECTIVE ENGL Sequence Prerequisite
- HSS Humanities or Social Science Elective
- ELECTIVE ENGL Sequence Prerequisite
- HSS Humanities or Social Science Elective
- ELECTIVE ENGL Sequence Prerequisite
- HSS Humanities or Social Science Elective
- ELECTIVE ENGL Sequence Prerequisite

### Additional BSAM Requirements
- PUBLIC
- LECTURE
- WEBSITE
- CREATED
- POSTER
- PRESENTATION

### Additional Information
For helpful CAS Registration Information go to www.wit.edu/cas/registration-info.html.
For Important registration information, forms, deadlines and important academic dates, go to www.wit.edu/ssc.
For additional tracking sheets go to www.wit.edu/cas/cas-tracking-sheets.html.
For the Wentworth Catalog go to www.wit.edu/catalog.

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Advisor Signature: 

Student Signature: 

Date: 

Date: