
1st SEMESTER

Common to both Co-operative and Regular Program

REQUIRED:

MTH 207	Calculus and Computational Methods I
ACC 110	Financial Accounting
CPS 118	Introductory Programming for Scientists
ECN 104	Introductory Microeconomics
SCI 180 *	Orientation

REQUIRED Group 1: One course from the following

BLG 143	Biology I
CHY 103	General Chemistry I
PCS 120	Physics I

* This course is graded on a pass/fail basis.

2nd SEMESTER

Common to both Co-operative and Regular Program

REQUIRED:

MTH 310	Calculus and Computational Methods II
FIN 300	Managerial Finance I
CMN 279	Introduction to Professional Communication

REQUIRED Group 2: One course from the following

BLG 144	Biology II
CHY 113	General Chemistry II
PCS 130	Physics II

LIBERAL STUDIES: One course from [Table A](#).

3rd & 4th SEMESTER

3rd SEMESTER

Common to both Co-operative and Regular Program

REQUIRED:

[MTH 330](#) Calculus and Geometry

[MTH 304](#) Probability and Statistics I

[MTH 108](#) Linear Algebra

[FIN 401](#) Managerial Finance II

ELECTIVE: One course from [Table X](#).

4th SEMESTER

Common to both Co-operative and Regular Program

REQUIRED:

[MTH 430](#) Differential Equations & Dynamical Systems

[MTH 404](#) Probability and Statistics II

[FIN 501](#) Investment Analysis I

ELECTIVE: One course from [Table X](#).

LIBERAL STUDIES: One course from [Table A](#).

5th & 6th SEMESTER

5th SEMESTER

REQUIRED:

[MTH 500](#) Introduction to Stochastic Processes

[MTH 501](#) Numerical Analysis

ELECTIVE: Two courses from [Table X](#).

LIBERAL STUDIES: One course from [Table A](#).

6th SEMESTER

REQUIRED:

[MTH 600](#) Computational Methods in Mathematics

[MTH 712](#) Differential Equations II

ELECTIVE: Two courses from [Table X](#).

LIBERAL STUDIES: One course from [Table B](#).

7th & 8th SEMESTER

7th SEMESTER

REQUIRED:

[MTH 700](#) Financial Mathematics I

[FIN 601](#) Investment Analysis II

[FIN 800](#) Ethics in Finance

ELECTIVE: One course from [Table X](#).

LIBERAL STUDIES: One course from [Table B](#).

8th SEMESTER

REQUIRED:

[MTH 800](#) Financial Mathematics II

[MTH 719](#) Applied Linear Algebra

[FIN 801](#) Financial Risk Management

ELECTIVE: One course from [Table X](#).

LIBERAL STUDIES: One course from [Table B](#).