

The following information is a guide for changing from the Bachelor of Mathematics (2393) program into the revised 2021 Bachelor of Mathematics program (2460) having completed Years 1 & 2 (32 units).

Please also refer to the BMath:

[Program Rules](#)

[Course List](#)

Pre-2021 BMath Data Analytics and Operations Research major changing into 2021 BMath Program

[Applied Mathematics](#)

[Data Analytics and Operations Research](#)

[Mathematical Physics](#)

[Pure Mathematics](#)

[Statistics](#)

For assistance, please contact the

[Faculty of Science Student Enquiries Team](#)

Pre-2021 BMath Data Analytics and Operations Research major changing into 2021 BMath - Applied Mathematics major

Pre-2021 BMath courses completed (32 units)	
Year 1 & 2 courses	Course allocation towards 2021 BMath
MATH1051 or MATH1071	Core
MATH1052 or MATH1072	Core
MATH1061	Core
STAT1301	Core
8 units electives	Program elective or General elective ^{1,2} <i>(depends on courses completed)</i>
MATH2400 or MATH2401	Core
MATH2001	Level 2 major compulsory
COSC2500	Program elective
STAT2003	Level 2 major compulsory
STAT2004	Program elective
6 units electives from Part B or Part C of BMath course list	Depends on courses completed ²

Courses required to complete (16 units)	
BMath	Course allocation
MATH2504	Core
MATH2100 ³	Level 2 major compulsory
MATH3102	Level 3 major compulsory
MATH3401	Level 3 major compulsory
6 units Level 3 major elective	Level 3 major elective
2 units elective	Program elective or General elective ^{1,2}

¹ Number of Program electives or General electives, depends on course selection in pre-2021 BMath program.

² Should include at least 8 units of courses coded neither MATH nor STAT.
COSC2500 would count towards requirement.

³ If course completed as part of Pre-2021 BMath program, can complete an elective
(program elective or general elective depends on course selection from pre-2021 BMath).

Pre-2021 BMath Data Analytics and Operations Research major changing into 2021 BMath - Data Analytics and Operations Research major

Pre-2021 BMath courses completed (32 units)	
Year 1 & 2 courses	Course allocation towards 2021 BMath
MATH1051 or MATH1071	Core
MATH1052 or MATH1072	Core
MATH1061	Core
STAT1301	Core
8 units electives	Program elective or General elective ^{1,2} (depends on courses completed)
MATH2400 or MATH2401	Core
MATH2001	Level 2 major compulsory
COSC2500	Program elective
STAT2003	Level 2 major compulsory
STAT2004	Level 2 major compulsory
6 units electives from Part B or Part C of BMath course list	Depends on courses completed ²

Courses required to complete (16 units)	
BMath	Course allocation
MATH2504	Core
MATH3202	Level 3 major compulsory
STAT3001	Level 3 major compulsory
6 units Level 3 major elective	Level 3 major elective
4 units elective	Program elective or General elective ^{1,2}

¹ Number of Program electives or General electives, depends on course selection in pre-2021 BMath program.

² Should include at least 8 units of courses coded neither MATH nor STAT.
COSC2500 would count towards requirement.

Pre-2021 BMath Data Analytics and Operations Research major changing into 2021 BMath - Mathematical Physics major

Pre-2021 BMath courses completed (32 units)	
Year 1 & 2 courses	Course allocation towards 2021 BMath
MATH1051 or MATH1071	Core
MATH1052 or MATH1072	Core
MATH1061	Core
STAT1301	Core
8 units electives	Program elective or General elective ^{1,2} <i>(depends on courses completed)</i>
MATH2400 or MATH2401	Core
MATH2001	Level 2 major compulsory
COSC2500	Program elective
STAT2003	Program elective
STAT2004	Program elective
6 units electives from Part B or Part C of BMath course list	Depends on courses completed ²

Courses required to complete (16 units)	
BMath	Course allocation
MATH2504	Core
MATH2301 ³	Level 2 major compulsory
MATH2100 ³	Level 2 major compulsory
MATH3103	Level 3 major compulsory
MATH3401	Level 3 major compulsory
6 units Level 3 major elective	Level 3 major elective

¹ Number of Program electives or General electives, depends on course selection in pre-2021 BMath program.

² Should include at least 8 units of courses coded neither MATH nor STAT.
COSC2500 would count towards requirement.

³ If course completed as part of Pre-2021 BMath program, can complete an elective
(program elective or general elective depends on course selection from pre-2021 BMath).

Pre-2021 BMath Data Analytics and Operations Research major changing into 2021 BMath - Pure Mathematics major

Pre-2021 BMath courses completed (32 units)	
Year 1 & 2 courses	Course allocation towards 2021 BMath
MATH1051 or MATH1071	Core
MATH1052 or MATH1072	Core
MATH1061	Core
STAT1301	Core
8 units electives	Program elective or General elective ^{1,2} (depends on courses completed)
MATH2400 or MATH2401	Core
MATH2001	Level 2 major compulsory
COSC2500	Program elective
STAT2003	Program elective
STAT2004	Program elective
6 units electives from Part B or Part C of BMath course list	Depends on courses completed ²

Courses required to complete (16 units)	
BMath	Course allocation
MATH2504	Core
MATH2301 ³	Level 2 major compulsory
2 units ³ from MATH2100 or MATH2302	Level 2 major elective
MATH3303	Level 3 major compulsory
MATH3401	Level 3 major compulsory
6 units Level 3 major elective	Level 3 major elective

¹ Number of Program electives or General electives, depends on course selection in pre-2021 BMath program.

² Should include at least 8 units of courses coded neither MATH nor STAT.

COSC2500 would count towards requirement.

³ If course completed as part of Pre-2021 BMath program, can complete an elective (program elective or general elective depends on course selection from pre-2021 BMath).

Pre-2021 BMath Data Analytics and Operations Research major changing into 2021 BMath - Statistics major

Pre-2021 BMath courses completed (32 units)	
Year 1 & 2 courses	Course allocation towards 2021 BMath
MATH1051 or MATH1071	Core
MATH1052 or MATH1072	Core
MATH1061	Core
STAT1301	Core
8 units electives	Program elective or General elective ^{1,3} <i>(depends on courses completed)</i>
MATH2400 or MATH2401	Core
MATH2001	Level 2 major compulsory
COSC2500	Program elective
STAT2003	Level 2 major compulsory
STAT2004	Level 2 major compulsory
6 units electives from Part B or Part C of BMath course list	Depends on courses completed ²

Courses required to complete (16 units)	
BMath	Course allocation
MATH2504	Core
STAT3001	Level 3 major compulsory
STAT3004	Level 3 major compulsory
STAT3006	Level 3 major compulsory
STAT3500	Level 3 major compulsory
2 units Level 3 major elective	Level 3 major elective
4 units elective	Program elective or General elective ^{1,2}

¹ Number of Program electives or General electives, depends on course selection in pre-2021 BMath program.

² Should include at least 8 units of courses coded neither MATH nor STAT.
COSC2500 would count towards requirement.