Degree Planning and Checklist WORKSHEET

YEAR 1	Major (3 year and 4** year)		
1a. Principal	6a. major	11a. major	16a**. major
1b. Principal	6b. major	11b. major	16b**. major
2a. Principal	7a. major	12a. major	17a**. major
2b. Principal	7b. major	12b. major	17b**. major
3a. Principal	8a. elective	13a. elective	18a**. elective
3b. Principal	8b. elective	13b. elective	18b**. elective
4a. elective	9a. elective	14a. elective	19a**. elective
4b. elective	9b. elective	14b. elective	19b**. elective
5a. Cat A or B	10a. elective	15a. elective	20a**. elective
5b. Cat A or B	10b. elective	15b. elective	20b**. elective

Module and Graduation Planning

First Year	5.0 courses numbered 1000-1999, including 1.0 from Category A or B	
	No principal courses less than 60%	
Module Courses	6.0 courses specified by Department.	
	60% cumulative average in major module.	
Essay	2.0 E, F, G courses including 1.0 from 2000 level or above (essay courses must be done at Western)	
Breadth	1.0 Category A (Social Science, Interdisciplinary and Multidisciplinary, Various)	
	1.0 Category B (Arts & Humanities and Languages)	
	1.0 Category C (Science)	
Courses	No more than 7.0 Year 1 courses, 13.0 minimum senior level	
BSc degree	4 year: 11.0 Science/BMSc courses (14.0 maximum in one subject area)* 3 year: 8.0 Science/BMSc courses (9.0 maximum in one subject area)*	
Averages	60% cumulative average in any additional Module taken	
	60% cumulative average on 20.0 courses successfully completed	

*Subject Areas: Actuarial Science; Astronomy; Biology; Chemistry; Computer Science; Earth Sciences; Environmental Sciences; Physics; Statistical Sciences - are all separate subject areas. Courses in Applied Mathematics, Calculus and Mathematics belong to the same subject area – the subject area of mathematics.

Major In Mathematics
6.0 Module Courses

Year 1: *5.0 Courses (3.0 Principal Courses)*
- **0.5 course** from: Calculus 1000A/B, 1500A/B
- **0.5 course** from: (Calculus 1501A/B is recommended) or (Calculus 1301A/B with a mark of at least 85%).
- **2.0 additional principal courses**
- **2.0 elective courses** (Must do 1.0 of Category A or B requirement)

Points to Consider:
- Calculus and 2.0 other courses of your choosing, with no mark less than 60%, are included in the 3.0 principal courses. Need a 70% average on 3.0 principal courses.
- If Math 1600A/B and Math 1120A/B are taken in first year, it will count toward the 3.0 principal courses.
- Math 1600A/B and Math 1120A/B are recommended.
- Math 1600A/B with a minimum mark of 60% must be completed prior to Math 2120A/B

Year 2: *5.0 Courses*
- **2.0 courses** (from 2.5 courses): Calculus 2502A/B, 2503A/B, Math 2120A/B, 2122A/B
- **3.0 elective courses**

Year 3: *5.0 Courses*
- **0.5 course** (from 2.5 courses): Math 3020A/B
- **1.5 additional courses** in Mathematics, Actuarial Sciences, Applied Mathematics, Financial Modelling, or Statistical Sciences at the 2100 level or above
- **3.0 elective courses**

Year 4: *5.0 Courses*
- **2.0 additional courses from:** Mathematics 2156A/B and Mathematics courses at the 3000 level or above
- **3.0 elective courses**

Points to Consider:
- See back page for important information.

Notes:

- You may have taken a former course that isn't listed, because it isn't offered anymore, but still meets the requirements of the degree – refer to the online academic calendar for the complete list of substitutions.
- Students should plan this module taking into account prerequisites of senior courses.
- The order of courses listed here is a recommendation only. It is possible to complete this module in a different order than what is listed here

Common Course Policy:
To be considered if you are completing two modules with common courses. You are allowed to double count 1.0 credits toward both modules. Any remaining common courses are distributed between the two modules as evenly as possible and substituted with alternate courses. Please note, when choice exists in a module, courses are not considered common unless and until all choice is exhausted. For more information, see the Academic Counselling website or speak with an Academic Counsellor.