Degree Planning and Checklist WORKSHEET

YEAR 1	Specialization (YEARS 2-4)		
1a. Principal	6a. SP	11a. SP	16a. SP
1b. Principal	6b. SP	11b. SP	16b. SP
2a. elective	7a. SP	12a. SP	17a. SP
2b. elective	7b. SP	12b. SP	17b. SP
3a. elective	8a. elective	13a. SP	18a. SP
3b. elective	8b. elective	13b. SP	18b. SP
4a. elective	9a. elective	14a. SP	19a. elective
4b. elective	9b. elective	14b. SP	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 principle courses less than 60%	
Module Courses	9.0 courses (or more depending on module) specified by Department.	
	60% cumulative average in specialization 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)*	
Averages	60% cumulative average in any additional Module taken	
	60% cumulative average on 20.0 courses successfully completed	

Common Course Policy: Occurs if you are in completing two modules with common courses. You are allowed to double count 1.0 credits toward both modules. Any remaining common courses are completed by distributing between the two modules as evenly as possible.

*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.

Specialization In Mathematics
9.0 Module Courses

Year 1: *5.0 Courses (1.0 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%).
- **4.0 elective courses** (Must do 1.0 of Category A or B requirement)

Points to Consider:
- Calculus, with no mark less than 60%, is the principal course.
- Math 1600A/B and Math 1120A/B are recommended.
- Mathematics 1600A/B a minimum mark of 60% must be completed prior to Mathematics 2120A/B. Mathematics 1600A/B must be completed prior to Mathematics 2211A/B.

Year 2: *5.0 Courses*
- **0.5 course** from: Calculus 2502A/B (recommended) or Calculus 2302A/B
- **0.5 course** from: Calculus 2503A/B (recommended) or Calculus 2303A/B
- **0.5 course** from: Math 2120A/B or 2211A/B
- **0.5 course**: Math 2122A/B
- **3.0 elective courses**

Points to Consider:
- It is strongly recommended that Math 2122A/B be completed in the year of entry into the module.

Year 3: *5.0 Courses*
- **0.5 course** from Math 3020A/B
- **2.0 additional courses** in Mathematics, Applied Mathematics, or Statistical Sciences at the 2100 level or above
- **1.5 from 2.5 additional courses** in Mathematics at the 2000 level or above
- **1.0 elective courses**

Year 4: *5.0 Courses*
- **1.0 of the 2.5 additional courses** (not already taken) in Mathematics at the 2000 level or above
- **2.0 additional courses** in Mathematics at the 3000 level or above
- **2.0 elective courses**

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. The courses listed are based on the current course offerings.)