

# Degree Planning and Checklist WORKSHEET

YEAR 1		Minor*	
1a. Principal	6a. minor	11a.	16a.
1b. Principal	6b. minor	11b.	16b.
2a.	7a. minor	12a.	17a.
2b.	7b. minor	12b.	17b.
3a.	8a. minor	13a.	18a.
3b.	8b. minor	13b.	18b.
4a.	9a. minor	14a.	19a.
4b.	9b. minor	14b.	19b.
5a. Cat A or B	10a.	15a.	20a.
5b. Cat A or B	10b.	15b.	20b.
<p><b>*A Minor must be combined with another Minor or a Major in order to meet graduation requirements of a 3 year (15 credits) or 4 year degree (20 credits)</b></p> <p><b>Module and Graduation Planning</b></p>			
First Year	5.0 courses numbered 1000-1999, including 1.0 from Category A or B		
	No principle courses less than 60%		
Module Courses	4.0 courses specified by Department.		
	60% cumulative average in minor 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		

**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.

REFER TO THE OFFICIAL ACADEMIC CALENDAR ONLINE - [WWW.WESTERNCALNDAR.UWO.CA](http://WWW.WESTERNCALNDAR.UWO.CA)

(October 2014)

## Minor In Mathematics

### 4.0 Module Courses

#### **Admission Requirements:** (1.0 Principal Course)

- **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%).

#### *Points to Consider:*

- Calculus, with no mark less than 60%, is the 1.0 principal course.
- Math 1600A/B and Math 1120A/B are recommended.
- Students with a complete first year that does not meet the above requirements may be admitted after a second-year half-course in Calculus with a mark of at least 60%.

#### **Year 2:**

- **0.5 course** from: Math 2120A/B or 2211A/B
- **0.5 course** from: Calculus 2302A/B, 2402A/B, or 2502A/B
- **0.5 course** from: Calculus 2303A/B, 2503A/B, Math 2122A/B, 2124A/B, 2155F/G, 3020A/B, 3121A/B, 3150A/B, or 3157A/B

#### **Year 3:**

- **1.0 course** from 2.5 additional courses from: Computer Science 3331A/B, 3340A/B, Earth Science 2222A/B, Economics 2122A/B, 2123A/B, 2141A/B, 2142A/B, 2210A/B, 2222A/B, 2223A/B, 3310A/B, Philosophy 2250, 2251F/G, 2252W/X, 2254A/B, 3201A/B, 3202B, 4201A/B, 4202A/B, any Actuarial Science, Applied Math, Computer Science, Math, or Stats course at the 2000 level or above. Note that some of these courses have prerequisites that are not a part of the module.

#### **Year 4:**

- **1.5 courses** from 2.5 additional courses (not already taken) from: Computer Science 3331A/B, 3340A/B, Earth Science 2222A/B, Economics 2122A/B, 2123A/B, 2141A/B, 2142A/B, 2210A/B, 2222A/B, 2223A/B, 3310A/B, Philosophy 2250, 2251F/G, 2252W/X, 2254A/B, 3201A/B, 3202B, 4201A/B, 4202A/B, any Actuarial Science, Applied Math, Computer Science, Math, or Stats course at the 2000 level or above. Note that some of these courses have prerequisites that are not a part of the module.

#### **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.)