Western Science

Degree Planning and Checklist WORKSHEET

YEAR 1	HONORS SPECIALIZATION (YEARS 2-4)		
1a. Principal	6a. HSP	11a. HSP	16a. HSP
1b. Principal	6b. HSP	11b. HSP	16b. HSP
2a. Principal	7a. HSP	12a. HSP	17a. HSP
2b. Principal	7b. HSP	12b. HSP	17b. HSP
3a. Principal	8a. HSP	13a. HSP	18a. HSP
3b. Principal	8b. HSP	13b. HSP	18b. elective
4a. Principal	9a. HSP	14a. HSP	19a. elective
4b. elective	9b. HSP	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	
	70% in required principal courses. No principle courses less than 60%	
Module Courses	9.0 or more courses specified by Department	
	70% cumulative average in HSP module with no mark below 60%	
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	
	65% 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.

Honors Specialization In Physics

10.0 Module Courses

Year 1: *5.0 Courses (3.5 Principal Courses)*

- Physics 1301A/B, 1401A/B, 1501A/B or 80% in Physics 1028A/B and Physics 1302A/B, 1402A/B, 1502A/B or 80% in Physics 1029A/B
- **1.0 course** from: One of Calculus 1000A/B, 1500A/B AND Calculus 1501A/B (recommended) or Calculus 1301A/B (with a mark or at least 85%); or Applied Math 1413
- **0.5 course**: Mathematics 1600A/B
- **0.5** additional course from the Faculty of Science. It is highly recommended that students complete one of the following: Chemistry 1301A/B, Computer Science 1025A/B or 1026A/B, or Statistical Science 1024A/B
- **0.5** additional course
- **1.5 elective courses**

Points to Consider:

- Need 70% average on 3.5 principal courses with no mark less than 60%

Year 2: *5.0 Courses*

- **1.0 course**: Calculus 2502A/B , 2503A/B
- **0.5 course**: Applied Math 2402A
- **1.0 course**: Physics 2101A/B, 2102A/B
- **1.0 course**: Physics 2110A/B, 2910F/G
- **0.5 course** from: Astronomy 2201A/B, 2801A/B, Physics 2600A/B, the former Physics 2700A/B, 2800, the former Materials Science 2800 – This could be taken in 2nd, 3rd, or 4th year
- **1.0 elective courses**

Year 3: *5.0 Courses*

- **0.5 course** Applied Math 3815A/B
- **3.0 courses**: Physics 3151A/B, 3200A/B, 3300A/B, 3400A/B, 3900F/G/Z, 3926F/G
- **1.5 elective courses**

Year 4: *5.0 Courses*

- **1.0 course** from: Any Physics or Astronomy course not yet taken numbered 3000 or above
- **0.5 course** from: Any Physics or Astronomy course not yet taken at the 4000 level or above
- **1.0 course** Physics 4251A/B, 4351A/B
- **2.5 elective courses**

Students must also complete Physics 2950Y, 3950Y 4950Y (non –credit seminar courses)

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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.