

Schedule Planning for the Honours Chemistry Program at the University of Windsor

There have been some important changes to the Chemistry Program for the Undergraduate Calendars for 2004-2005 and 2005-2006. The program has been retooled to allowed for more flexibility in dispersing courses, lab sections and major requirements across the four year program. These table can be used to plan your progress during your undergraduate degree.

Chemistry 2004-2005: Suggested Progression				
	Fall Semester	Grade	Winter Semester	Grade
Year 1	59-140 Gen Chem I		59-141 Gen Chem II	
	64-140 Intro Physics I		64-141 Intro Physics II	
	62-140 Calculus A		62-141 Calculus B	
	Option 1		Option 2	
	ASL Option 1		ASL Option 2	
Year 2	59-230 Intro Org Chem I		59-235 Intro Org Chem II	
	59-240 Intro Phys Chem I		59-241 Intro Phys Chem II	
	59-250 Intro Inorg Chem I		59-251 Intro Inorg Chem II	
	MPSC 1		MPSC 2	
	ASL Option 3		ASL Option 4	
Year 3	59-320 Analyt Chem		59-321 Instrum. Analysis	
During Years 3 & 4	59-330 Spec Struct Ident		59-331 Intermed Org Chem	
	59-340 Quantum Chem		59-341 Molec Spec	
	59-350 Organomet Chem		59-351 Mater Chem	
	59-3xx or 59-4xx		59-261 Org Chem Biomol	
	59-3xx or 59-4xx		59-3xx or 59-4xx	
	MPSC 3		Option 3	
	Option 4		Option 5	
	Option 6		Option 7	
Option 8		Option 9		
Thesis	59-410 Project & Seminar		59-410 Project & Seminar	

MPSC: Math, Physical Sciences or Computer Science Courses	62-120 Lin. Alg. and any 2 of these 5: 60-106 Prog C Beginners, 62-215 Vector Calculus, 62-216 Differential Equations, 64-220 EM Field & Photons, 64-222 Optics.
ASL: Arts, Social Sciences or Languages Options	Choose any 4, see 2.4.14 of calendar
Option: Any courses	Suggestions: 60-104 Comp. End Users, 61-224 Geochemistry, Biological Sciences 55-140 and 55-141.
MPSC, ASL and Option Courses may be switched around to fit all possible schedules. The above are just suggestions for completing scheduling. Thesis students replace two Options with 59-410 (Research Project & Seminar).	

This is not an official calendar document, but is meant for planning purposes only. The official calendar can be found online at: <http://www.uwindsor.ca/registrar>

This is a sample plan for a hypothetical student starting the Winter Term of Year 3:

SAMPLE PLAN FOR A STUDENT BEGINNING winter term of 3rd year

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There have been some important changes to the Chemistry Program for the Undergraduate Calendars for 2004-2005 and 2005-2006. The program has been retooled to allowed for more flexibility in dispersing courses, lab sections and major requirements across the four year program. These table can be used to plan your progress during your undergraduate degree.

Chemistry 2004-2005: Suggested Progression				
	Fall Semester	Grade	Winter Semester	Grade
Year 1	59-140 Gen Chem I	B	59-141 Gen Chem II	B+
	64-140 Intro Physics I	B	64-141 Intro Physics II	A
	62-140 Calculus A	A	62-141 Calculus B	A-
	Option 1 <i>Biology 55-141</i>	B+	Option 2 <i>Biology 55-140</i>	B
	ASL Option 1 <i>11-162 Roman Civ</i>	A+	ASL Option 2 <i>31-110 Philosophy</i>	A+
Year 2	59-230 Intro Org Chem I	C+	59-235 Intro Org Chem II	B+
	59-240 Intro Phys Chem I	B+	59-241 Intro Phys Chem II	B
	59-250 Intro Inorg Chem I	B+	59-251 Intro Inorg Chem II	A
	MPSC 1 <i>62-120 Lin Alg</i>	A+	MPSC 2 <i>62-215 Diff. Equ'n</i>	A-
	ASL Option 3 <i>15-100 German</i>	A+	ASL Option 4 <i>Option 3: 60-104</i>	A+
Year 3	59-320 Analyt Chem	A	59-321 Instrum. Analysis	
During Years 3 & 4	59-330 Spec Struct Ident	B+	59-331 Intermed Org Chem	
	59-340 Quantum Chem	B	59-341 Molec Spec	
	59-350 Organomet Chem	A	59-351 Mater Chem	
	59-3xx or 59-4xx		59-261 Org Chem Biomol	
	59-3xx or 59-4xx		59-3xx or 59-4xx	
	MPSC 3		Option 3 <i>ASL 4:</i>	
	Option 4 <i>64-191 Astronomy</i>	A	Option 5	
	Option 6		Option 7	
Option 8		Option 9		
Thesis	59-410 Project & Seminar		59-410 Project & Seminar	

MPSC: Math, Physical Sciences or Computer Science Courses	62-120 Lin. Alg. and any 2 of these 5: 60-106 Prog C Beginners, 62-215 Vector Calculus, 62-216 Differential Equations, 64-220 EM Field & Photons, 64-222 Optics.
ASL: Arts, Social Sciences or Languages Options	Choose any 4, see 2.4.14 of calendar
Option: Any courses	Suggestions: 60-104 Comp. End Users and 61-224 Geochemistry.
MPSC, ASL and Option Courses may be switched around to fit all possible schedules. The above are just suggestions for completing scheduling. Thesis students replace two Options with 59-410 (Research Project & Seminar).	

Chemistry Calendar Entry: 2004-2005, 2005-2006

Changes are highlighted in red, deletions are struck through.

Current Requirements

Total courses: forty.

Major requirements: twenty courses, including [59-140](#), [59-141](#), [59-230](#), [59-235](#), [59-240](#), [59-241](#), [59-250](#), [59-251](#), [59-261](#), [59-320](#), [59-321](#), and nine additional courses at the 300 or 400 level.

Other requirements:

- (a) [62-120](#), [62-140](#), [62-141](#), [64-140](#), [64-141](#), and [64-220](#).
- (b) four courses from Arts, Languages or Social Sciences (see 2.4);
- (c) ten courses from any area of study. ([62-215](#) and [62-216](#) are strongly recommended.)

RECOMMENDED COURSE SEQUENCE

First Year: ten courses, including [59-140](#), [59-141](#), [62-120](#), [62-140](#), [62-141](#), [64-140](#), [64-141](#). (Recommended: [60-104](#) or [64-151](#).)

Second Year: ten courses, including [59-230](#), [59-235](#), [59-240](#), [59-241](#), [59-250](#), [59-251](#), [59-261](#), and [64-220](#).

Third and Fourth Years: twenty courses, including [59-320](#) and [59-321](#); and nine additional Chemistry and Biochemistry courses. (Recommended: [62-215](#) and [62-216](#).)

New Requirements

Total courses: forty courses *** (120 credit hours)

Major requirements: twenty courses, including 59-140, 59-141, 59-230, 59-235, 59-240, 59-241, 59-250, 59-251, 59-261, 59-320, 59-321, *** [59-330](#), [59-340](#), [59-350](#) and ***~~six~~ **nine** additional courses at the 300 or 400 level.

Other requirements:

- (a) ~~62-120~~; ~~62-140~~, ~~62-141~~, ~~64-140~~ *** ~~and~~ [64-141](#). ~~and~~ ~~64-220~~.
- (b) ~~62-120~~ and a minimum of two additional courses from the following list: [60-106](#), [62-215](#), [62-216](#), [64-220](#) or [64-222](#)
- ***~~(c)~~ **(b)** four courses from Arts, Languages or Social Sciences (see 2.4.14);
- ***~~(d)~~ **(e)** ***~~nine~~ **ten** courses from any area of study. ***~~(62-215 and 62-216 are strongly recommended.)~~

RECOMMENDED COURSE SEQUENCE

First Year: ten courses, including 59-140, 59-141, *** ~~62-120~~, ~~62-140~~, ~~62-141~~, ~~64-140~~ *** ~~and~~ [64-141](#). *** (Recommended: ~~60-104~~ or ~~64-151~~.)

Second Year: ten courses, including 59-230, 59-235, 59-240, 59-241, 59-250 *** ~~and~~ [59-251](#). *** ~~59-261~~ and ~~64-220~~. *** (Recommended: fulfill at least two requirements from (b) above).

Third and Fourth Years: twenty courses, including *** ~~59-261~~, 59-320, ~~and~~ ~~59-321~~, [59-330](#), [59-340](#) and [59-350](#) and ~~six~~ **nine** additional Chemistry and Biochemistry courses *** at the 300 or 400 level. *** ~~(Recommended: 62-215 and 62-216.)~~

Note regarding Honours Chemistry with Thesis:

The 59-410 Research Project will count as a six credit hour course taken during the Fall and Winter semesters of the fourth year, and replaces two Option courses.