

## AC-05-130 Program/Major or Minor/Concentration Revision Form

(07/2004)

	(07/200
1.0 Degree Title	2.0 Administering Faculty/Unit
Specify the two degrees for concurrent degree programs B.Sc.	Science
D.St.	Offering Faculty/Department
1.1 Major (Legacy= Subject) (30-char. max.)	Chemistry
Chemistry	
1.2 Concentration (Legacy = Concentration/Option) If applicable (30 char. max.)	3.0 Effective Term of revision or retirement Please give reasons in 5.0 "Rationale" in the case of retirement (Ex. Sept. 2004 = 200409) □ Retirement
	Term: 200709
1.3 Minor (with Concentration, if applicable) (30 char. max.)	4.0 Existing Credit Weight Proposed Credit Weight
	52 52
1.4 Category	
	5.0 Rationale for revised program
<ul> <li>Faculty Program (FP)</li> <li>Major</li> <li>Joint Major</li> <li>Joint Major</li> <li>Major Concentration (CON)</li> <li>Minor</li> <li>Minor Concentration (CON)</li> <li>Minor Concentration (CON)</li> <li>Non-Thesis (N)</li> <li>Other Please specify</li> <li>1.5 Complete Program Title</li> </ul>	Changes reflect: 1) retirement of CHEM213, CHEM355, CHEM363 and introduction of CHEM223, CHEM243, CHEM253, and CHEM263.
Faculty Program in Chemistry	
6.0 Revised Program Description (Maximum 150 words)	

7.0 List of existing program and proposed program

Existing program (list courses as follows: Subj Code/Crse Num, Title, Credit weight, under the headings of: Required Courses, Complementary Courses, Elective Courses)

are not required to take FACULTY PROGRA (52credits) Required Courses (31 credits) 31 credits as listed a Complementary Co (21 credits) 6 credits, one of the CHEM 204 (3) and CHEM 214 (3) or CHEM 213 (3) or CHEM 213 (3) or CHEM 255 (3) 6 credits, two of the 1 CHEM 301 (3) or CHEM 381 (3) 9 Credits from: CHEM 355 (3) CHEM 352 (3) CHEM 322 (3) CHEM 392 (3) CHEM 393 (2)	<ul> <li>(4) Introductory Organic Chemistry</li> <li>(4) Introductory Organic Chemistry 2</li> <li>(1.5) Analytical Chemistry</li> <li>(1.5) Analytical Chemistry</li> <li>(3) Introductory Organic Chemistry 3</li> <li>(3) Molecular Properties and Structure 1</li> <li>(3) Instrumental Analysis 1</li> <li>(3) Instrumental Analysis 2</li> <li>(3) Calculus 3</li> <li>(3) Ordinary Differential Equations</li> <li>(2) Electricity and Magnetism</li> <li>CEGEP equivalents</li> <li>uccessfully completed MATH 150 and MATH 151</li> <li>e MATH 222.</li> </ul> <b>MIN CHEMISTRY</b> bove urses following course sets: <ul> <li>Physical Chemistry/Biological Sciences 1</li> <li>Physical Chemistry/Biological Sciences 2</li> <li>Introductory Physical Chemistry</li> <li>Molecular Properties and Structure 2</li> </ul>	Faculty Prog Required Co (31 credits) CHEM 212* CHEM 222* CHEM 277D1 CHEM 277D2 CHEM 302 CHEM 345 CHEM 367 CHEM 377 MATH 222** MATH 315 PHYS 242 * denotes cour ** Students wh are not requir FACULTY F (52credits) Required C (31 credits) 31 credits as Complemen (21 credits) 6 credits, on CHEM 204 and CHEM 204 and CHEM 204 and CHEM 204 and CHEM 204 and CHEM 204 or CHEM 201 or CHEM 28 and CHEM 301 or CHEM 382 CHEM 382 CHEM 382 CHEM 382 CHEM 382 CHEM 393 or any 400-I are satisfied

Proposed program (list courses as follows: Subj Code/Crse Num, Title, Credit weight, under the headings of: Required Courses, Complementary Courses, Elective Courses)

Required Course (31 credits)	n in Chemistr es	у
CHEM 212*	(4)	Introductory Organic Chemistry
CHEM 222*	(4)	Introductory Organic Chemistry 2
CHEM 277D1	(1.5)	Analytical Chemistry
CHEM 277D2	(1.5)	Analytical Chemistry
CHEM 302	(3)	Introductory Organic Chemistry 3
CHEM 345	(3)	Molecular Properties and Structure 1
CHEM 367	(3)	Instrumental Analysis 1
CHEM 377 MATH 222**	(3)	Instrumental Analysis 2 Calculus 3
MATH 222 MATH 315	(3) (3)	Ordinary Differential Equations
PHYS 242	(3)	Electricity and Magnetism
* denotes courses		equivalents
		lly completed MATH 150 and MATH 151
are not required t		
FACULTY PRO	GRAM IN C	HEMISTRY
(52credits)		
Required Cour	ses	
(31 credits) 31 credits as list	tod obovo	
	_	
Complementar (21 credits)	y Courses	
6 credits, one of	the following	a course sets:
CHEM 204		al Chemstry/Biological Sciences 1
and CHEM 214		al Chemistry/Biological Sciences 2
or	lutus duete	n. Dhuaiaal Chamiatmu 4
CHEM 223 (2) and CHEM 253	(1) Introducto	ry Physical Chemistry 1 uctory Physical Chemistry 1 Lab
and CHEM 233	(2) Introdu	ctory Physical Chemistry 2
		ctory Physical Chemistry 2 Lab
0	the following	courses:
6 credits, two of		
CHEM 201	(3) Moder	n Inorganicn Chemistry 1
CHEM 201 or CHEM 281	<ul><li>(3) Moder</li><li>(3) Inorga</li></ul>	nic Chemistry 1
CHEM 201 or CHEM 281 CHEM 301	<ul><li>(3) Moder</li><li>(3) Inorga</li><li>(3) Mode</li></ul>	nic Chemistry 1 rn Inorganic Chemistry 2
CHEM 201 or CHEM 281	<ul><li>(3) Moder</li><li>(3) Inorga</li><li>(3) Mode</li></ul>	nic Chemistry 1
CHEM 201 or CHEM 281 CHEM 301 or CHEM 381 9 Credits from: CHEM 352	<ul> <li>(3) Moder</li> <li>(3) Inorga</li> <li>(3) Mode</li> <li>(3) Inorga</li> <li>(3) Structor</li> </ul>	nic Chemistry 1 rn Inorganic Chemistry 2
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CHEM 201 or CHEM 281 CHEM 301 or CHEM 381 9 Credits from: CHEM 352 CHEM 355 CHEM 382	<ul> <li>(3) Moder</li> <li>(3) Inorga</li> <li>(3) Mode</li> <li>(3) Inorga</li> <li>(3) Inorga</li> <li>(3) Structu</li> <li>(3) Molecu</li> <li>(3) Organ</li> </ul>	nic Chemistry 1 rn Inorganic Chemistry 2 anic Chemistry 2 ural Organic Chemistry ular Properties and Structure 2 nic Chemistry : Natural Products
CHEM 201 or CHEM 281 CHEM 301 or CHEM 381 9 Credits from: CHEM 352 CHEM 355 CHEM 382 CHEM 392	<ul> <li>(3) Moder</li> <li>(3) Inorga</li> <li>(3) Mode</li> <li>(3) Inorga</li> <li>(3) Structu</li> <li>(3) Molecu</li> <li>(3) Organ</li> <li>(3) Integra</li> </ul>	nic Chemistry 1 rn Inorganic Chemistry 2 anic Chemistry 2 ural Organic Chemistry ular Properties and Structure 2 nic Chemistry : Natural Products ated Inorganic/Organic Laboratory
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CHEM 201 or CHEM 281 CHEM 301 or CHEM 381 9 Credits from: CHEM 352 CHEM 355 CHEM 382 CHEM 392 CHEM 393 or any 400-level	<ul> <li>(3) Moder</li> <li>(3) Inorga</li> <li>(3) Mode</li> <li>(3) Structi</li> <li>(3) Molecti</li> <li>(3) Organ</li> <li>(3) Integra</li> <li>(2) Physic</li> </ul>	nic Chemistry 1 rn Inorganic Chemistry 2 anic Chemistry 2 ural Organic Chemistry ular Properties and Structure 2 nic Chemistry : Natural Products ated Inorganic/Organic Laboratory cal Chemistry Laboratory 2
CHEM 201 or CHEM 281 CHEM 301 or CHEM 381 9 Credits from: CHEM 352 CHEM 355 CHEM 382 CHEM 392 CHEM 393 or any 400-level	<ul> <li>(3) Moder</li> <li>(3) Inorga</li> <li>(3) Mode</li> <li>(3) Structi</li> <li>(3) Molecti</li> <li>(3) Organ</li> <li>(3) Integra</li> <li>(2) Physic</li> </ul>	nic Chemistry 1 rn Inorganic Chemistry 2 anic Chemistry 2 ural Organic Chemistry ular Properties and Structure 2 nic Chemistry : Natural Products ated Inorganic/Organic Laboratory cal Chemistry Laboratory 2
CHEM 201 or CHEM 281 CHEM 301 or CHEM 381 9 Credits from: CHEM 352 CHEM 355 CHEM 382 CHEM 392 CHEM 393 or any 400-level	<ul> <li>(3) Moder</li> <li>(3) Inorga</li> <li>(3) Mode</li> <li>(3) Structi</li> <li>(3) Molecti</li> <li>(3) Organ</li> <li>(3) Integra</li> <li>(2) Physic</li> </ul>	nic Chemistry 1 rn Inorganic Chemistry 2 anic Chemistry 2 ural Organic Chemistry ular Properties and Structure 2 nic Chemistry : Natural Products ated Inorganic/Organic Laboratory cal Chemistry Laboratory 2
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Attach extra page(s) as needed

8.0 Consultation with Related Units	□ Yes	□ No	Financial Consult	□Yes □No			
Attach list of consultations							
9. Approvals							
Routing Sequence		Name	Signature	Date			
Department							
Curric/Acad Committee							
Faculty 1							
Faculty 2							
Faculty 3							
SCTP							
GS							
APPC							
Senate							
Submitted by							
Name	David Ronis		To be completed by ARR:				
Phone	6940		CIP Code				
Email	ronis@onsq	er.chem.mcqill.ca			]		
Submission Date					]		