

Course Number Change for ATOC 419

Proposal Reference : 8489
 Number
 PRN Alias : 13-14#1902
 Version No : 6
 Submitted By : Dr Daniel Kirshbaum
 Edited By : Ms Josie D'Amico

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Summary of Changes	Subject/Course/Term, Credit Weight or CEU's, Restrictions, Supplementary Calendar Info
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	Current Data	New Data				
Program Affected?		Y				
Program Change Form Submitted?		N (Simple Change) - Replace ATOC 419 and CHEM 419 with ATOC 519 and CHEM 519 where they appear in the following programs: Diploma of Meteorology, Liberal program - Core Science Component Atmospheric and Oceanic Sciences, Major Atmospheric Science, Honours Atmospheric Science, (the changes in the Majors and Honours programs already been incorporated into the Majors and Honours program change proposal forms submitted separately), Major Environment - Atmospheric Environment and Air Quality, Major Environment -Water Environments and Ecosystems - Biological, Honours Earth System Science, Major Earth System Science, Honours Chemistry - Atmosphere and Environment, Major Chemistry - Atmosphere and Environment, B.Sc. Ag.: Major Environment -Water Environments and Ecosystems - Biological (60 credits), ----- Also, due to the related course retirement (ATOC 619), replace ATOC 619 with ATOC 519 where it appears in the following M.Sc. programs: M.Sc. Atmospheric and Oceanic Sciences (Thesis), M.Sc. Atmospheric and Oceanic Sciences - Environment (Thesis)				
Subject/Course/Term	ATOC 419 <ul style="list-style-type: none">one term	ATOC 519 <ul style="list-style-type: none">one term				
Credit Weight or CEU's	credits.	3 credits				
Course Activities	<ul style="list-style-type: none">A - Lecture	<table><tr><th>Schedule Type</th><th>Hours Per Week</th></tr><tr><td>A - Lecture</td><td>3</td></tr></table> Total Hours per Week : 3 Total Number of Weeks : 13	Schedule Type	Hours Per Week	A - Lecture	3
Schedule Type	Hours Per Week					
A - Lecture	3					
Course Title	<table><tr><td>Course Title on</td><td>Advances in Chem of</td></tr></table>	Course Title on	Advances in Chem of	<table><tr><td>Course Title on</td><td>Advances in Chem of</td></tr></table>	Course Title on	Advances in Chem of
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Rationale		We are combining the undergraduate 400- and graduate 600-level courses into a single 500-level course appropriate for both graduate students and senior undergraduates. This is justified by the following considerations: 1. The joint nature of these courses requires twice the effort to maintain. Maintaining four courses that essentially teach same material is unnecessary. 2. The 400- and 600-level courses are currently taught together, with the graduate students performing extra assignments. The principal extra assignment is a term paper, which doesn't necessarily justify the 600-level credit. 3. The overall enrolments are typically modest (5-20 per year in the combined 400- and 600-level class) and do not justify four separate courses.								
Responsible Instructor		Parisa Ariya								
Course Description	Selected areas of atmospheric chemistry from field and laboratory to theoretical modelling are examined. The principles of atmospheric reactions (gas, liquid and heterogeneous phases in aerosols and clouds) and issues related to chemical global change will be explored.	Selected areas of atmospheric chemistry from field and laboratory to theoretical modelling are examined. The principles of atmospheric reactions (gas, liquid and heterogeneous phases in aerosols and clouds) and issues related to chemical global change will be explored.								
Teaching Dept.	0291 : Atmospheric & Oceanic Sciences	0291 : Atmospheric & Oceanic Sciences								
Administering Faculty/Unit	SC : Faculty of Science	SC : Faculty of Science								
Prerequisites	Prerequisites: CHEM 243, and CHEM 263 or CHEM 213 and CHEM 273, MATH 222 and MATH 315 (or equivalents) or permission of instructor.	Prerequisites: CHEM 243, and CHEM 263 or CHEM 213 and CHEM 273, MATH 222 and MATH 315 (or equivalents) or permission of instructor. <div>Web Registration Blocked? : N</div>								
Corequisites										
Restrictions	<ul style="list-style-type: none">Restriction: Not open to students who have taken CHEM 419, CHEM 619, and ATOC 619	Not open to students who have taken or are taking ATOC 419, ATOC 619, CHEM 419, CHEM 519 or CHEM 619								
Supplementary Calendar Info	<ol style="list-style-type: none">Winter3 hours lectureOffered in odd years. Students should register in CHEM 419 in even years	<ol style="list-style-type: none">Winter3 hours lectureOffered in odd years. Students should register in CHEM 519 in even years								
Additional Course										

Charges		
Campus		Downtown
Projected Enrollment		
Requires Resources Not Currently Available		N
Explanation for Required Resources		
Consultation Reports Attached?		
Effective Term of Implementation		201409
File Attachments		No attachments have been saved yet.
To be completed by the Faculty		
For Continuing Studies Use		

Approvals Summary

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Version No.	Departmental Curriculum Committee	Departmental Meeting	Departmental Chair	Other Faculty	Curric/Academic Committee	Faculty	SCTP	Version Status
6								Submitted to Curriculum/Academic Committee for approval Edited by: Josie D'Amico on: Mar 19 2014
5								Submitted to Curriculum/Academic Committee for approval Edited by: Daniel Kirshbaum on: Mar 19 2014
4								Submitted to Curriculum/Academic Committee for approval Edited by: Daniel Kirshbaum on: Mar 19 2014
3								Submitted to

								Curriculum/Academic Committee for approval Edited by: Daniel Kirshbaum on: Mar 17 2014
2								Submitted to Curriculum/Academic Committee for approval Edited by: Daniel Kirshbaum on: Mar 17 2014
1								Submitted to Curriculum/Academic Committee for approval Created on: Mar 16 2014