Course Retire for ATOC 619

Proposal Reference Number	: 8488
PRN Alias	: 13-14#1901
Version No	: 2
Submitted By	: Dr Daniel Kirshbaum

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	Course to Retire
Program Affected?	Y
Program Change Form Submitted?	N (Simple Change) - Replace ATOC 619 with the newly renumbered course, ATOC 519, in the following programs: M.Sc. Atmospheric and Oceanic Sciences (Thesis); M.Sc. Atmospheric and Oceanic Sciences - Environment (Thesis).
Subject/Course/Term	ATOC 619 • one term
Credit Weight or CEU's	3 credits.
Course Activities	• A - Lecture
Course Title	Course Title on Transcript: Advanced Atmospheric Chemistry Course Title on Calendar: Advanced Atmospheric Chemistry.
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.
Course Description	The recent cutting-edge areas of planetary atmospheric chemistry from field and laboratory to theoretical modelling are examined. Photochemistry, kinetics (gas and surface) of organic and inorganic pollutants in atmosphere and atmospheric surfaces (clouds and aerosols). Satellite remote sensing of atmospheric chemical species, and issues related to chemical global change.
Teaching Dept.	0291 : Atmospheric & Oceanic Sciences
Administering	GR : Graduate Studies

Faculty/Unit	
Prerequisites	Prerequisites: CHEM 213, CHEM 273, MATH 222 and MATH 315 or equivalents, or permission of instructor
Corequisites	
Restrictions	• Restriction(s): Offered in odd years. Students should register in CHEM 619 in even years. Not open to students who have taken or are taking ATOC 419, CHEM 419, or CHEM 619
Supplementary Calendar Info	1. 3 hours
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
2								Submitted to Curriculum/Academic Committee for approval Edited by: Josie D'Amico on: Mar 19 2014
1								Submitted to Curriculum/Academic Committee for approval Created on: Mar 16 2014