

Course Retire for CHEM 619

Proposal Reference Number : 8398
 PRN Alias : 13-14#1811
 Version No : 3
 Submitted By : Dr Amy Blum

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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	CHEM 619 <ul style="list-style-type: none">one term	
Credit Weight or CEU's	3 credits.	
Course Activities	<ul style="list-style-type: none">A - Lecture	
Course Title	Course Title on Transcript	Advanced Atmospheric Chemistry
	Course Title on Calendar	Advanced Atmospheric Chemistry.
Rationale	<p>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. We seek to continue the yearly alternating ATOC/CHEM 519 naming so that each department receives appropriate credit for their teaching contributions.</p>	
Course Description	<p>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.</p>	
Teaching Dept.	0287 : Chemistry	

Administering Faculty/Unit	GR : Graduate Studies
Prerequisites	Prerequisites: CHEM 213, CHEM 273, MATH 222 and MATH 315 or equivalents, or permission of instructor
Corequisites	
Restrictions	<ul style="list-style-type: none"> Restriction(s): Offered in even years. Students should register in ATOC 619 in odd years. Not open to students who have taken or are taking ATOC 419, CHEM 419, or ATOC 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
3								Submitted to Curriculum/Academic Committee for approval Edited by: Josie D'Amico on: Mar 19 2014
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 10 2014