

## Revision for ATOC 619

Proposal Reference Number : 2338  
 PRN Alias : 10-11#377  
 Version No : 3  
 Submitted By : Prof Parisa A Ariya  
 Edited By : Ms Josie D'Amico

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Summary of Changes **Credit Weight or CEU's, Course Title, Course Description**

	Current Data	New Data								
Program Affected?		Y								
Program Change Form Submitted?		N (Simple Change) - Affects programs in Atmospheric & Oceanic Sciences, and forms are being submitted.								
Subject/Course/Term	ATOC 619 <ul style="list-style-type: none"><li>one term</li></ul>									
Credit Weight or CEU's	4 credits.	<b>3 credits</b>								
Course Activities	<ul style="list-style-type: none"><li>A - Lecture</li></ul>									
Course Title	<table border="1"> <tr> <td>Course Title on Transcript</td> <td>Atmospheric Chemistry</td> </tr> <tr> <td>Course Title on Calendar</td> <td>Atmospheric Chemistry.</td> </tr> </table>	Course Title on Transcript	Atmospheric Chemistry	Course Title on Calendar	Atmospheric Chemistry.	<table border="1"> <tr> <td>Course Title on Transcript</td> <td><b>Advanced atmospheric chemistry</b></td> </tr> <tr> <td>Course Title on Calendar</td> <td><b>Advanced atmospheric chemistry</b></td> </tr> </table>	Course Title on Transcript	<b>Advanced atmospheric chemistry</b>	Course Title on Calendar	<b>Advanced atmospheric chemistry</b>
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Rationale		* The graduate research project is now tailored to a more limited project and hence does not justify a four credit course. * It is a graduate course.								
Responsible Instructor										
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.	<b>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.</b>								
Teaching Dept.	0291 : Atmospheric & Oceanic Sciences									
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"> <li>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</li> </ul>	
Supplementary Calendar Info	1. 3 hours	
Additional Course Charges		
Campus		
Projected Enrollment		
Requires Resources Not Currently Available		
Explanation for Required Resources		
Consultation Reports Attached?		
Effective Term of Implementation		201109
File Attachments		No attachments have been saved yet.
To be completed by the Faculty		
For Continuing Education 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								Approved by Departmental Chair Edited by: Josie D'Amico on: Nov 29 2010
2								Approved by Departmental Chair Edited by: Josie D'Amico on: Nov 18 2010
1			Approved Frederic Fabry					Approved by Departmental Chair

			Meeting Date: 15- Nov-2010 Approval Date: Nov 15 2010 <a href="#">View Comments</a>				Created on: Nov 15 2010
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