

# Revision for MATH 318

**Proposal Reference Number** : 12998  
**PRN Alias** : 17-18#477  
**Version No** : 4  
**Submitted By** : Ms Angela White  
**Edited By** : Ms Josie D'Amico

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Summary of Changes **Course Description, Prerequisites, Restrictions**

	Current Data	New Data				
Program Affected?		N				
Program Change Form Submitted?						
Subject/Course/Term	MATH 318 <ul style="list-style-type: none"> <li>one term</li> </ul>					
Credit Weight or CEU's	3 credits.					
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>Mathematical Logic</td> </tr> <tr> <td>Course Title on Calendar</td> <td>Mathematical Logic.</td> </tr> </table>	Course Title on Transcript	Mathematical Logic	Course Title on Calendar	Mathematical Logic.	
Course Title on Transcript	Mathematical Logic					
Course Title on Calendar	Mathematical Logic.					
Rationale		The course description has been changed so that it better reflects the way this course is taught nowadays. The description is more detailed now and shows the focus points of the course, although it follows the same general outline as the previous description. The prerequisites have been added so that the students are better prepared for the course.				
Responsible Instructor						
Course Description	Propositional calculus, truth-tables, switching circuits, natural deduction, first order predicate calculus, axiomatic theories, set theory.	<b>Propositional logic: truth-tables, formal proof systems, completeness and compactness theorems, Boolean algebras; first-order logic: formal proofs, Gödel's completeness theorem; axiomatic theories; set theory; Cantor's theorem, axiom of choice and Zorn's lemma, Peano arithmetic; Gödel's incompleteness theorem.</b>				
Teaching Dept.	0290 : Mathematics and Statistics					
Administering Faculty/Unit	SC : Faculty of Science					
Prerequisites		<b>MATH 235 or MATH 240 or MATH 242.</b>				

		<b>Web Registration Blocked? :</b> N
<b>Corequisites</b>		
<b>Restrictions</b>	<ul style="list-style-type: none"> <li>Restriction: Not open to students who are taking or have taken PHIL 210</li> </ul>	<b>None</b>
<b>Supplementary Calendar Info</b>	1. Fall	
<b>Additional Course Charges</b>		
<b>Campus</b>		
<b>Projected Enrollment</b>		
<b>Requires Resources Not Currently Available</b>		
<b>Explanation for Required Resources</b>		
<b>Consultation Reports Attached?</b>		
<b>Effective Term of Implementation</b>		201809
<b>File Attachments</b>		No attachments have been saved yet.
<b>To be completed by the Faculty</b>		
<b>For Continuing Studies Use</b>		

## Approvals Summary

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Version No.	Departmental Curriculum Committee	Departmental Meeting	Departmental Chair	Other Faculty	Curric/Academic Committee	Faculty	SCTP	Version Status
4								<b>Approved by Department Meeting</b> Edited by: Josie D'Amico on: Nov 16 2017
3	<b>Approved</b> Johanna Neslehova Meeting Date: Oct 23 2017 Approval Date: Nov 8 2017 <a href="#">View Comments</a>	<b>Approved</b> Johanna Neslehova Meeting Date: Nov 06 2017 Approval Date: Nov 9 2017 <a href="#">View Comments</a>						<b>Approved by Department Meeting</b> Edited by: Angela White on: Nov 8 2017
2	<b>Approved</b> Angela White Meeting Date: Oct 23 2017 Approval Date: Nov 7 2017 <a href="#">View Comments</a>	<b>Approved</b> Angela White Meeting Date: Nov 06 2017 Approval Date: Nov 7 2017 <a href="#">View Comments</a>	<b>Rejected</b> Josie D'Amico Meeting Date: Nov 08 2017 <a href="#">View Comments</a>					<b>Rejected by Departmental Chair</b> Edited by: Angela White on: Nov 7 2017

1							<b>Submitted to Departmental Curriculum Committee for approval</b> Created on: Nov 7 2017
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