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Course Details

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Course Details	Prerequisites	Corequisites	Exclusions	Cross Listed	Designations
Supporting Documents					

Justification: We are adding two additional topics "numerical methods of statistics and numerical methods of finance" to the list of possible topics in MATH 5351.

Course Status: In Workflow Request ([View History](#))

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Zone1: Required Information	
Current Version	Proposed Version
InstitutionUnit:	
<ul style="list-style-type: none"> • Lakehead University • Faculty of Science and Environmental Studies 	<ul style="list-style-type: none"> • Lakehead University • Faculty of Science and Environmental Studies
StartTerm: Fall 2012	Fall 2012 Winter 2013
EndTerm: No Specified End Date	No Specified End Date [?]
Code: Mathematics 5351	Mathematics 5351 [?]
Title: Advanced Numerical Analysis I	Advanced Numerical Analysis I
AcademicLevel: Graduate	Graduate
CreditWeight: 0.5	0.5

Zone 2: Required Information – Detailed	
Current Version	Proposed Version
Course Description:	
Advanced topics in numerical analysis may include: computational linear algebra, solution of ordinary and partial differential equations, approximation of functions, optimization, iterative methods, and problems of current research interest. Topics will be picked to complement those in Mathematics 5371.	Advanced topics in numerical analysis may include: computational linear algebra, solution of ordinary and partial differential equations, approximation of functions, optimization, iterative methods, numerical methods of statistics, numerical methods of finance and problems of current research interest. Topics will be picked to complement those in Mathematics 5371.
Rationale for this proposal:	
Required or Elective:	[?]
Cross List:	
Offering: 3-0; or 3-0	3-0; or 3-0 [?]

Zone 3: Additional Information	
Current Version	Proposed Version
Prerequisites: Permission of the Chair of the Department	Permission of the Chair of the Department
Corequisites:	
Notes (Restrictions):	[?]

Zone 4: Budgetary Considerations	
Current Version	Proposed Version
Please Complete Each Section and Provide Explanations for Both Yes and No Answers.	Please Complete Each Section and Provide Explanations for Both Yes and No Answers.
Student Enrolment:	No. It is only a minor change. [?]
Student Enrolment Other Units:	No. It is only a minor change. [?]
Additional Resources:	No. It is only a minor change [?]
Teaching Loads:	No. It is only a minor change [?]
Teaching Support Services:	No. It is only a minor change [?]
Outside Support:	No. It is only a minor change [?]

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