



Lakehead University
Faculty of Science and Environmental Studies

REQUEST REPORT

Request Tracking Number: 2013-SCI-2986
Request Title: Geography Prerequisite Updates

[DeAcTerm[EffectiveDate]] [DeAc[RequestEffectiveDate]]
Request Status: In Workflow
 Request can't be split

Request Contents

Type		Title
1.	New Version of a Course	Geomorphology
2.	New Version of a Course	Geographical Inquiry and Interpretation
3.	New Version of a Course	Economic Geography
4.	New Version of a Course	Cultural Geography
5.	New Version of a Course	Resource Management and Sustainability
6.	New Version of a Course	Political Geography
7.	New Version of a Course	Map and Air Photo Interpretation
8.	New Version of a Course	Geography of Energy
9.	New Version of a Course	Geography of the United States
10.	New Version of a Course	Geography of the Arctic Region
11.	New Version of a Course	Urban Residential Structure
12.	New Version of a Course	Retail Location

Request History

Workflow Step	Workflow Action	User	Change Made	Comments	Date
Initiator	Approved	Jennifer McKee	Yes	Submitted to workflow	12/20/2013
Dean and Faculty Council Review Stage	Approved	Christina Maenpaa	Yes	Approved at the January 9 SES Faculty Council. Approved by Dr. Dean.	01/20/2014

Supporting Documents

Printed: 02/01/2014

File Name	Uploaded By	Upload Date	Size
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Supporting Documents Audit Trail

File Name	User	Date	Action
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Notes

Date	User	Note
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1.	New Version of a Course	Geography 2351 - Geomorphology
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Course Details

CURRENT VERSION	PROPOSED VERSION
Geography 2351 - Geomorphology Start Term: Fall 2012 End Term: No Specified End Date	Geography 2351 - Geomorphology Start Term: Fall 2012 2014 End Term: No Specified End Date

<u>Course Details</u>	
CURRENT VERSION	PROPOSED VERSION
Code Geography 2351	Code Geography 2351
Title Geomorphology	Title Geomorphology
Description An examination of terrestrial and marine geomorphological processes, and the effects of structure, time and climatic change on the development of landforms. Laboratory work will include the analysis of landforms from maps and aerial photographs.	Description An examination of terrestrial and marine geomorphological processes, and the effects of structure, time and climatic change on the development of landforms. Laboratory work will include the analysis of landforms from maps and aerial photographs.
End Term No Specified End Date	End Term No Specified End Date
Institution Lakehead University	Institution Lakehead University
Faculty Faculty of Science and Environmental Studies	Faculty Faculty of Science and Environmental Studies
CreditWeight 0.5	CreditWeight 0.5
Rationale	Rationale <i>Last year the Department received approval for a new first year course (Geography 1140) – which added a laboratory component to the first year experience – that is offered to students in honours Geography and Natural Resources Management programs at the Thunder Bay campus only. At that time, there was no updating of prerequisites for courses beyond the first. This proposed Calendar change updates prerequisites for upper year Geography courses, reflecting the introduction of Geography 1140. This is an essential update, to make sure registration for 2014/15 goes smoothly.</i>
Requiredor Elective	Requiredor Elective

Cross List Environmental Studies 2351	Cross List Environmental Studies 2351
Offering 2-2; or 2-2	Offering 2-2; or 2-2
Prerequisites Geography 1120 or permission of the instructor	Prerequisites Geography 1120 or <i>1140</i> or permission of the instructor
Corequisites	Corequisites
Notes An additional fee (see Miscellaneous Fees) is required for this course.	Notes An additional fee (see Miscellaneous Fees) is required for this course.
SpecialTopicDropdown	SpecialTopicDropdown
GradeSchemePF	GradeSchemePF
EffectonEnrolmentINIT	EffectonEnrolmentINIT <i>No - prerequisite update only</i>
EffectonEnrolmentOTHER	EffectonEnrolmentOTHER <i>No - prerequisite update only</i>
AdditionalTeachingSpace	AdditionalTeachingSpace <i>No - prerequisite update only</i>
EffectonTeachingLoads	EffectonTeachingLoads <i>No - prerequisite update only</i>
EffectonServices	EffectonServices <i>No - prerequisite update only</i>
DirectinkindSupport	DirectinkindSupport <i>No - prerequisite update only</i>

2.	New Version of a Course	Geography 2251 - Geographical Inquiry and Interpretation
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Course Details

CURRENT VERSION	PROPOSED VERSION
Geography 2251 - Geographical Inquiry and Interpretation Start Term: Fall 2012 End Term: No Specified End Date	Geography 2251 - Geographical Inquiry and Interpretation Start Term: Fall 2012 2014 End Term: No Specified End Date

<u>Course Details</u>	
CURRENT VERSION	PROPOSED VERSION
Code Geography 2251	Code Geography 2251
Title Geographical Inquiry and Interpretation	Title Geographical Inquiry and Interpretation
Description Approaches to the collection, analysis, display, and interpretation of information pertaining to geographical landscapes. Introduction to philosophical and methodological traditions of geographical inquiry.	Description Approaches to the collection, analysis, display, and interpretation of information pertaining to geographical landscapes. Introduction to philosophical and methodological traditions of geographical inquiry.
End Term No Specified End Date	End Term No Specified End Date
Institution Lakehead University	Institution Lakehead University
Faculty Faculty of Science and Environmental Studies	Faculty Faculty of Science and Environmental Studies
CreditWeight 0.5	CreditWeight 0.5
Rationale	Rationale <i>This proposed Calendar change updates prerequisites for upper year Geography courses, reflecting the introduction of Geography 1140. This is an essential update, to make sure registration for 2014/15 goes smoothly. This is a Geographical research methods course and is designated for Geography and Natural Resources Management majors only (ie. those who have completed Geography 1140). There is no need for it to be accessible to non-majors.</i>
Requiredor Elective	Requiredor Elective
Cross List	Cross List

Offering 2-2; or 2-2	Offering 2-2; or 2-2
Prerequisites Geography 1120 or permission of the instructor	Prerequisites Geography 1120 1140 or permission of the instructor
Corequisites	Corequisites
Notes	Notes
SpecialTopicDropdown	SpecialTopicDropdown
GradeSchemePF	GradeSchemePF
EffectonEnrolmentINIT	EffectonEnrolmentINIT <i>No anticipated effect on enrolments - prerequisite update only</i>
EffectonEnrolmentOTHER	EffectonEnrolmentOTHER <i>No anticipated effect on enrolments for NRM majors as this course is part of the second year requirements for the HBScF and HBEM programs, and students will have taken the Geography 1140 prerequisite in 2013-14.</i>
AdditionalTeachingSpace	AdditionalTeachingSpace <i>None required - prerequisite update only</i>
EffectonTeachingLoads	EffectonTeachingLoads <i>Part of load for regular faculty member. No load implications.</i>
EffectonServices	EffectonServices <i>None changes to support required - prerequisite update only</i>
DirectinkindSupport	DirectinkindSupport <i>No changes to support required - prerequisite update only</i>

3.	New Version of a Course	Geography 2511 - Economic Geography
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Course Details

CURRENT VERSION	PROPOSED VERSION
Geography 2511 - Economic Geography Start Term: Fall 2012 End Term: No Specified End Date	Geography 2511 - Economic Geography Start Term: Fall 2012 2014 End Term: No Specified End Date

<u>Course Details</u>	
CURRENT VERSION	PROPOSED VERSION
Code Geography 2511	Code Geography 2511
Title Economic Geography	Title Economic Geography
Description The geographical view of economic activities, examining spatial organization and spatial interaction within and between local, regional and world economies. Locational characteristics of primary, secondary and tertiary activities are evaluated, focusing on topics of current concern.	Description The geographical view of economic activities, examining spatial organization and spatial interaction within and between local, regional and world economies. Locational characteristics of primary, secondary and tertiary activities are evaluated, focusing on topics of current concern.
End Term No Specified End Date	End Term No Specified End Date
Institution Lakehead University	Institution Lakehead University
Faculty Faculty of Science and Environmental Studies	Faculty Faculty of Science and Environmental Studies
CreditWeight 0.5	CreditWeight 0.5
Rationale	Rationale <i>Last year the Department received approval for a new first year course (Geography 1140) – which added a laboratory component to the first year experience – that is offered to students in honours Geography and Natural Resources Management programs at the Thunder Bay campus only. At that time, there was no updating of prerequisites for courses beyond the first. This proposed Calendar change updates prerequisites for upper year Geography courses, reflecting the introduction of Geography 1140. This is an essential update, to make sure registration for 2014/15 goes smoothly.</i>
Requiredor Elective	Requiredor Elective

Cross List	Cross List
Offering 3-0; or 3-0	Offering 3-0; or 3-0
Prerequisites Geography 1120 or permission of the instructor	Prerequisites Geography 1120 or <i>1140</i> or permission of the instructor
Corequisites	Corequisites
Notes May not be taken as Economics 2511.	Notes May not be taken as Economics 2511.
SpecialTopicDropdown	SpecialTopicDropdown
GradeSchemePF	GradeSchemePF
EffectonEnrolmentINIT	EffectonEnrolmentINIT <i>No - prerequisite update only</i>
EffectonEnrolmentOTHER	EffectonEnrolmentOTHER <i>No - prerequisite update only</i>
AdditionalTeachingSpace	AdditionalTeachingSpace <i>No - prerequisite update only</i>
EffectonTeachingLoads	EffectonTeachingLoads <i>No - prerequisite update only</i>
EffectonServices	EffectonServices <i>No - prerequisite update only</i>
DirectinkindSupport	DirectinkindSupport <i>No - prerequisite update only</i>

4.	New Version of a Course	Geography 2811 - Cultural Geography
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Course Details

CURRENT VERSION	PROPOSED VERSION
Geography 2811 - Cultural Geography Start Term: Fall 2013 End Term: No Specified End Date	Geography 2811 - Cultural Geography Start Term: Fall 2013 2014 End Term: No Specified End Date

<u>Course Details</u>	
CURRENT VERSION	PROPOSED VERSION
Code Geography 2811	Code Geography 2811
Title Cultural Geography	Title Cultural Geography
Description Examination of the spatial aspects of human culture and of the techniques used to study them. Topics covered include cultural regions, cultural diffusion, agricultural patterns and the spatial aspects of politics, language, religion, race and ethnicity.	Description Examination of the spatial aspects of human culture and of the techniques used to study them. Topics covered include cultural regions, cultural diffusion, agricultural patterns and the spatial aspects of politics, language, religion, race and ethnicity.
End Term No Specified End Date	End Term No Specified End Date
Institution Lakehead University	Institution Lakehead University
Faculty Faculty of Science and Environmental Studies	Faculty Faculty of Science and Environmental Studies
CreditWeight 0.5	CreditWeight 0.5
Rationale At the suggestion of the Calendar Officer, the Department proposes to remove this restrictive note as the course in question (Geography 1100: World Issues) has not been offered since November 2002 and it is unlikely that there would be any need to enforce this restrictive note.	Rationale At the suggestion of the Calendar Officer, the Department proposes to remove this restrictive note as the course in question (Geography 1100: World Issues) has not been offered since November 2002 and it is unlikely that there would be any need to enforce this restrictive note Last year the Department received approval for a new first year course (Geography 1140) – which added a laboratory component to the first year experience – that is offered to students in honours Geography and Natural Resources Management programs at the Thunder Bay campus only. At that time, there was no updating of prerequisites for courses beyond the first. This proposed Calendar change updates prerequisites for upper year Geography courses, reflecting the introduction of Geography 1140. This is

	<i>an essential update, to make sure registration for 2014/15 goes smoothly.</i>
Requiredor Elective	Requiredor Elective
Cross List	Cross List
Offering 3-0; or 3-0	Offering 3-0; or 3-0
Prerequisites Geography 1120 or permission of the instructor	Prerequisites Geography 1120 or <i>1140</i> or permission of the instructor
Corequisites	Corequisites
Notes	Notes
SpecialTopicDropdown	SpecialTopicDropdown
GradeSchemePF	GradeSchemePF
EffectonEnrolmentINIT No. Minor Change.	EffectonEnrolmentINIT No Minor Change <i>prerequisite update only</i>
EffectonEnrolmentOTHER No. Minor Change.	EffectonEnrolmentOTHER No Minor Change <i>prerequisite update only</i>
AdditionalTeachingSpace No. Minor Change.	AdditionalTeachingSpace No Minor Change <i>prerequisite update only</i>
EffectonTeachingLoads No. Minor Change.	EffectonTeachingLoads No Minor Change <i>prerequisite update only</i>
EffectonServices No. Minor Change.	EffectonServices No Minor Change <i>prerequisite update only</i>
DirectinkindSupport No. Minor Change.	DirectinkindSupport No Minor Change <i>prerequisite update only</i>

5.	New Version of a Course	Geography 3411 - Resource Management and Sustainability
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Course Details

CURRENT VERSION	PROPOSED VERSION
Geography 3411 - Resource Management and Sustainability Start Term: Fall 2013 End Term: No Specified End Date	Geography 3411 - Resource Management and Sustainability Start Term: Fall 2013 2014 End Term: No Specified End Date

<u>Course Details</u>	
CURRENT VERSION	PROPOSED VERSION
Code Geography 3411	Code Geography 3411
Title Resource Management and Sustainability	Title Resource Management and Sustainability
Description A focus on resource management from ecological, economic, social/behavioural and institutional/decision-making perspectives. Emphasis is given to the conflicts between economic growth (i.e. often from resource exploitation) and resource sustainability. The course also emphasizes the ecological limits of renewable resources and what resources depletion means for future generations. Opportunities for achieving sustainable resource use, especially here in Canada, are discussed.	Description A focus on resource management from ecological, economic, social/behavioural and institutional/decision-making perspectives. Emphasis is given to the conflicts between economic growth (i.e. often from resource exploitation) and resource sustainability. The course also emphasizes the ecological limits of renewable resources and what resources depletion means for future generations. Opportunities for achieving sustainable resource use, especially here in Canada, are discussed.
End Term No Specified End Date	End Term No Specified End Date
Institution Lakehead University	Institution Lakehead University
Faculty Faculty of Science and Environmental Studies	Faculty Faculty of Science and Environmental Studies
CreditWeight 0.5	CreditWeight 0.5
Rationale The title and course description have been revised by the course instructor, better reflecting the nature of the content covered in the course and the emphasis on the importance of sustainable resource management. TITLE CHANGE: Resource Management and Sustainability.	Rationale The title and course description have been revised by the course instructor, better reflecting the nature of the content covered in the course and the emphasis on the importance of sustainable resource management. TITLE CHANGE: Resource Management and Sustainability. Last year the Department received approval for a new first year course (Geography 1140) – which added a laboratory component to the first year experience – that is offered to students in honours Geography and

	<i>Natural Resources Management programs at the Thunder Bay campus only. At that time, there was no updating of prerequisites for courses beyond the first. This proposed Calendar change updates prerequisites for upper year Geography courses, reflecting the introduction of Geography 1140. This is an essential update, to make sure registration for 2014/15 goes smoothly.</i>
Requiredor Elective	Requiredor Elective
Cross List Environmental Studies 3411	Cross List Environmental Studies 3411
Offering 3-0; or 3-0	Offering 3-0; or 3-0
Prerequisites Geography 1120 or permission of the instructor	Prerequisites Geography 1120 or <i>1140 or</i> permission of the instructor
Corequisites	Corequisites
Notes	Notes
SpecialTopicDropdown	SpecialTopicDropdown
GradeSchemePF	GradeSchemePF
EffectonEnrolmentINIT No. Minor Change.	EffectonEnrolmentINIT No Minor Change <i>prerequisite update only</i>
EffectonEnrolmentOTHER No. Minor Change.	EffectonEnrolmentOTHER No Minor Change <i>prerequisite update only</i>
AdditionalTeachingSpace No. Minor Change.	AdditionalTeachingSpace No Minor Change <i>prerequisite update only</i>
EffectonTeachingLoads No. Minor Change.	EffectonTeachingLoads No Minor Change <i>prerequisite update only</i>
EffectonServices No. Minor Change.	EffectonServices No Minor Change <i>prerequisite update only</i>
DirectinkindSupport No. Minor Change.	DirectinkindSupport No Minor Change <i>prerequisite update only</i>

6.	New Version of a Course	Geography 3811 - Political Geography
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Course Details

CURRENT VERSION	PROPOSED VERSION
Geography 3811 - Political Geography Start Term: Fall 2012 End Term: No Specified End Date	Geography 3811 - Political Geography Start Term: Fall 2012 2014 End Term: No Specified End Date

<u>Course Details</u>	
CURRENT VERSION	PROPOSED VERSION
Code Geography 3811	Code Geography 3811
Title Political Geography	Title Political Geography
Description A geographical approach to political patterns on a world, regional and local scale. The concepts of the territorial state, nation and nationalism, and geopolitical power. Electoral geography and patterns in local politics.	Description A geographical approach to political patterns on a world, regional and local scale. The concepts of the territorial state, nation and nationalism, and geopolitical power. Electoral geography and patterns in local politics.
End Term No Specified End Date	End Term No Specified End Date
Institution Lakehead University	Institution Lakehead University
Faculty Faculty of Science and Environmental Studies	Faculty Faculty of Science and Environmental Studies
CreditWeight 0.5	CreditWeight 0.5
Rationale	Rationale <i>Last year the Department received approval for a new first year course (Geography 1140) – which added a laboratory component to the first year experience – that is offered to students in honours Geography and Natural Resources Management programs at the Thunder Bay campus only. At that time, there was no updating of prerequisites for courses beyond the first. This proposed Calendar change updates prerequisites for upper year Geography courses, reflecting the introduction of Geography 1140. This is an essential update, to make sure registration for 2014/15 goes smoothly.</i>
Requiredor Elective	Requiredor Elective
Cross List	Cross List

Offering 3-0; or 3-0	Offering 3-0; or 3-0
Prerequisites Geography 2811	Prerequisites Geography 2811 1120 or 1140
Corequisites	Corequisites
Notes Open only to students in the third or fourth year of any program except with permission of the instructor.	Notes Open only to students in the third or fourth year of any program except with permission of the instructor.
SpecialTopicDropdown	SpecialTopicDropdown
GradeSchemePF	GradeSchemePF
EffectonEnrolmentINIT	EffectonEnrolmentINIT <i>No - prerequisite update only</i>
EffectonEnrolmentOTHER	EffectonEnrolmentOTHER <i>No - prerequisite update only</i>
AdditionalTeachingSpace	AdditionalTeachingSpace <i>No - prerequisite update only</i>
EffectonTeachingLoads	EffectonTeachingLoads <i>No - prerequisite update only</i>
EffectonServices	EffectonServices <i>No - prerequisite update only</i>
DirectinkindSupport	DirectinkindSupport <i>No - prerequisite update only</i>

Prerequisites

CURRENT VERSION			PROPOSED VERSION		
R1: ... All Course(s) from the following...			R1: ... All Course(s) from the following...		
Code	Title	Credits	Code	Title	Credits
Geography 2811	Cultural Geography		Geography 2811	Cultural Geography	

7.	New Version of a Course	Geography 2211 - Map and Air Photo Interpretation
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Course Details

CURRENT VERSION	PROPOSED VERSION
Geography 2211 - Map and Air Photo Interpretation Start Term: Fall 2013 End Term: No Specified End Date	Geography 2211 - Map and Air Photo Interpretation Start Term: Fall 2013 2014 End Term: No Specified End Date

<u>Course Details</u>	
CURRENT VERSION	PROPOSED VERSION
Code Geography 2211	Code Geography 2211
Title Map and Air Photo Interpretation	Title Map and Air Photo Interpretation
Description The first half of this course examines basic cartographic concepts and map reading skills related to understanding and analyzing spatial information. The second half covers manual air photo interpretation skills and making measurements from aerial photography (photogrammetry).	Description The first half of this course examines basic cartographic concepts and map reading skills related to understanding and analyzing spatial information. The second half covers manual air photo interpretation skills and making measurements from aerial photography (photogrammetry).
End Term No Specified End Date	End Term No Specified End Date
Institution Lakehead University	Institution Lakehead University
Faculty Faculty of Science and Environmental Studies	Faculty Faculty of Science and Environmental Studies
CreditWeight 0.5	CreditWeight 0.5
Rationale This restrictive note appears to be a relic in the Calendar, left over from the time of the double cohort when departments had limited teaching and resource capacity to service a large number of majors. In the post-cohort years, the geography department has systemically removed these kinds of registration barriers. The geography department offers the certificate in mapping sciences of which the course in question is required. We have opened up this certificate to non-geography majors and removing this restrictive note will make registration easier for students. Recent enrollments in GEOG2211, past three years, are approximately 60 to 80 students, accommodated in one lecture and two laboratory sections. Historically, the Department had offered as	Rationale This restrictive note appears to be a relic in the Calendar, left over from the time of the double cohort when departments had limited teaching and resource capacity to service a large number of majors. In the post-cohort years, the geography department has systemically removed these kinds of registration barriers. The geography department offers the certificate in mapping sciences of which the course in question is required. We have opened up this certificate to non-geography majors and removing this restrictive note will make registration easier for students. Recent enrollments in GEOG2211, past three years, are approximately 60 to 80 students, accommodated in one lecture and two laboratory sections. Historically, the Department had offered as

<p>many as three laboratory sections during the years of the double cohort. The change will certainly increase the accessibility of the course and thus, we anticipate enrollment to increase. The additional resources needed to offer this course would be the staff support for the additional laboratory portion of this course should be necessary. We plan this would be filled with graduate assistantships. The Change does affect Geography majors as well as a number of non-Geography majors who elect to take GEOG2211 as part of the certificate in mapping sciences.</p>	<p>many as three laboratory sections during the years of the double cohort. The change will certainly increase the accessibility of the course and thus, we anticipate enrollment to increase. The additional resources needed to offer this course would be the staff support for the additional laboratory portion of this course should be necessary. We plan this would be filled with graduate assistantships. The Change does affect Geography majors as well as a number of non-Geography majors who elect to take GEOG2211 as part of the certificate in mapping sciences. <i>Last year the Department received approval for a new first year course (Geography 1140) – which added a laboratory component to the first year experience – that is offered to students in honours Geography and Natural Resources Management programs at the Thunder Bay campus only. At that time, there was no updating of prerequisites for courses beyond the first. This proposed Calendar change updates prerequisites for upper year Geography courses, reflecting the introduction of Geography 1140. This is an essential update, to make sure registration for 2014/15 goes smoothly.</i></p>
Requiredor Elective	Requiredor Elective
Cross List	Cross List
Offering 2-2; or 2-2	Offering 2-2; or 2-2
Prerequisites Geography 1120 or permission of the instructor	Prerequisites Geography 1120 or <i>1140</i> or permission of the instructor
Corequisites	Corequisites
Notes	Notes
SpecialTopicDropdown	SpecialTopicDropdown
GradeSchemePF	GradeSchemePF
EffectonEnrolmentINIT Yes. Removal of this restrictive note will allow non-geography majors to register more easily and will likely lead to a small increase in enrollments.	EffectonEnrolmentINIT Yes. Removal of this restrictive note will allow non-geography majors to register more easily and will likely lead to a small increase in enrollments. <i>No - prerequisite update only</i>
EffectonEnrolmentOTHER No. Minor Change.	EffectonEnrolmentOTHER No. Minor Change. <i>- prerequisite update only</i>
AdditionalTeachingSpace No. The department has the resources in place.	AdditionalTeachingSpace No. The department has the resources in place. <i>- prerequisite update only</i>
EffectonTeachingLoads No. Minor change.	EffectonTeachingLoads No. Minor change. <i>- prerequisite update only</i>
EffectonServices	EffectonServices

<p>Yes. The department has the resources in place (lab spaces, technical staff, and equipment) in the place to offer three lab sections of the course (accommodating approximately 100-120 students). However, if enrollment were to increase beyond 120 students, additional technical staff and equipment would be required.</p>	<p>Yes. The department has the resources in place (lab spaces, technical staff, and equipment) in the place to offer three lab sections of the course (accommodating approximately 100-120 students). However, if enrollment were to increase beyond 120 students, additional technical staff and equipment would be required. No - prerequisite update only</p>
<p>DirectkindSupport No. Minor change.</p>	<p>DirectkindSupport No -Minor change- prerequisite update only</p>

8.	New Version of a Course	Geography 3431 - Geography of Energy
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Course Details

CURRENT VERSION	PROPOSED VERSION
Geography 3431 - Geography of Energy Start Term: Fall 2012 End Term: No Specified End Date	Geography 3431 - Geography of Energy Start Term: Fall 2012 2014 End Term: No Specified End Date

<u>Course Details</u>	
CURRENT VERSION	PROPOSED VERSION
Code Geography 3431	Code Geography 3431
Title Geography of Energy	Title Geography of Energy
Description A geographical approach to the development and utilization of energy resources. The history and impact of past and present energy use will be examined. Current and proposed Canadian and international efforts to reduce emissions associated with energy will be featured.	Description A geographical approach to the development and utilization of energy resources. The history and impact of past and present energy use will be examined. Current and proposed Canadian and international efforts to reduce emissions associated with energy will be featured.
End Term No Specified End Date	End Term No Specified End Date
Institution Lakehead University	Institution Lakehead University
Faculty Faculty of Science and Environmental Studies	Faculty Faculty of Science and Environmental Studies
CreditWeight 0.5	CreditWeight 0.5
Rationale	Rationale <i>Last year the Department received approval for a new first year course (Geography 1140) – which added a laboratory component to the first year experience – that is offered to students in honours Geography and Natural Resources Management programs at the Thunder Bay campus only. At that time, there was no updating of prerequisites for courses beyond the first. This proposed Calendar change updates prerequisites for upper year Geography courses, reflecting the introduction of Geography 1140. This is an essential update, to make sure registration for 2014/15 goes smoothly.</i>
Requiredor Elective	Requiredor Elective

Cross List Environmental Studies 3431	Cross List Environmental Studies 3431
Offering 3-2; or 3-2	Offering 3-2; or 3-2
Prerequisites Geography 1120	Prerequisites Geography 1120 <i>or 1140</i>
Corequisites	Corequisites
Notes Open only to students in the third or fourth year of any program except with permission of the instructor.	Notes Open only to students in the third or fourth year of any program except with permission of the instructor.
SpecialTopicDropdown	SpecialTopicDropdown
GradeSchemePF	GradeSchemePF
EffectonEnrolmentINIT	EffectonEnrolmentINIT <i>No - prerequisite update only</i>
EffectonEnrolmentOTHER	EffectonEnrolmentOTHER <i>No - prerequisite update only</i>
AdditionalTeachingSpace	AdditionalTeachingSpace <i>No - prerequisite update only</i>
EffectonTeachingLoads	EffectonTeachingLoads <i>No - prerequisite update only</i>
EffectonServices	EffectonServices <i>No - prerequisite update only</i>
DirectinkindSupport	DirectinkindSupport <i>No - prerequisite update only</i>

Prerequisites

CURRENT VERSION			PROPOSED VERSION		
R1: ... All Course(s) from the following...			R1: ... All Course(s) from the following...		
Code	Title	Credits	Code	Title	Credits
Geography 1120	Environmental Issues: A Geographical Approach		Geography 1120	Environmental Issues: A Geographical Approach	

9.	New Version of a Course	Geography 3611 - Geography of the United States
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Course Details

CURRENT VERSION	PROPOSED VERSION
Geography 3611 - Geography of the United States Start Term: Fall 2012 End Term: No Specified End Date	Geography 3611 - Geography of the United States Start Term: Fall 2012 2014 End Term: No Specified End Date

<u>Course Details</u>	
CURRENT VERSION	PROPOSED VERSION
Code Geography 3611	Code Geography 3611
Title Geography of the United States	Title Geography of the United States
Description Approaches to various physical, cultural and economic elements of the geography of the United States of America: the country as a whole and selected problem areas.	Description Approaches to various physical, cultural and economic elements of the geography of the United States of America: the country as a whole and selected problem areas.
End Term No Specified End Date	End Term No Specified End Date
Institution Lakehead University	Institution Lakehead University
Faculty Faculty of Science and Environmental Studies	Faculty Faculty of Science and Environmental Studies
CreditWeight 0.5	CreditWeight 0.5
Rationale	Rationale <i>Last year the Department received approval for a new first year course (Geography 1140) – which added a laboratory component to the first year experience – that is offered to students in honours Geography and Natural Resources Management programs at the Thunder Bay campus only. At that time, there was no updating of prerequisites for courses beyond the first. This proposed Calendar change updates prerequisites for upper year Geography courses, reflecting the introduction of Geography 1140. This is an essential update, to make sure registration for 2014/15 goes smoothly.</i>
Requiredor Elective	Requiredor Elective
Cross List	Cross List

Offering 3-0; or 3-0	Offering 3-0; or 3-0
Prerequisites Geography 1120	Prerequisites Geography 1120 <i>or 1140</i>
Corequisites	Corequisites
Notes Open only to students in the third and fourth year of any program except with permission of the instructor.	Notes Open only to students in the third and fourth year of any program except with permission of the instructor.
SpecialTopicDropdown	SpecialTopicDropdown
GradeSchemePF	GradeSchemePF
EffectonEnrolmentINIT	EffectonEnrolmentINIT <i>No - prerequisite update only</i>
EffectonEnrolmentOTHER	EffectonEnrolmentOTHER <i>No - prerequisite update only</i>
AdditionalTeachingSpace	AdditionalTeachingSpace <i>No - prerequisite update only</i>
EffectonTeachingLoads	EffectonTeachingLoads <i>No - prerequisite update only</i>
EffectonServices	EffectonServices <i>No - prerequisite update only</i>
DirectinkindSupport	DirectinkindSupport <i>No - prerequisite update only</i>

Prerequisites

CURRENT VERSION			PROPOSED VERSION		
R1: ... All Course(s) from the following...			R1: ... All Course(s) from the following...		
Code	Title	Credits	Code	Title	Credits
Geography 1120	Environmental Issues: A Geographical Approach		Geography 1120	Environmental Issues: A Geographical Approach	

10.	New Version of a Course	Geography 3671 - Geography of the Arctic Region
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Course Details

CURRENT VERSION	PROPOSED VERSION
Geography 3671 - Geography of the Arctic Region Start Term: Fall 2013 End Term: No Specified End Date	Geography 3671 - Geography of the Arctic Region Start Term: Fall 2013 2014 End Term: No Specified End Date

<u>Course Details</u>	
CURRENT VERSION	PROPOSED VERSION
Code Geography 3671	Code Geography 3671
Title Geography of the Arctic Region	Title Geography of the Arctic Region
Description An exploration of the commonalities and differences between the various countries and other transnational and national sub-regions of the Arctic with an emphasis on physical environments, natural resources, conservation, indigenous peoples and international concerns.	Description An exploration of the commonalities and differences between the various countries and other transnational and national sub-regions of the Arctic with an emphasis on physical environments, natural resources, conservation, indigenous peoples and international concerns.
End Term No Specified End Date	End Term No Specified End Date
Institution Lakehead University	Institution Lakehead University
Faculty Faculty of Science and Environmental Studies	Faculty Faculty of Science and Environmental Studies
CreditWeight 0.5	CreditWeight 0.5
Rationale The title and course description have been revised by the course instructor to better reflect the nature of the content covered in the course. The old course description indicates that conservation and indigenous people are to be compared between the two polar regions, but there are no indigenous peoples in the Antarctic and it is a world park so conservation is not the same sort of concern as in the Arctic. The instructor has found the Antarctic component to be a distraction to the students and devoting one-half of the time to this region does not do justice to the complexities of the Arctic.	Rationale The title and course description have been revised by the course instructor to better reflect the nature of the content covered in the course. The old course description indicates that conservation and indigenous people are to be compared between the two polar regions, but there are no indigenous peoples in the Antarctic and it is a world park so conservation is not the same sort of concern as in the Arctic. The instructor has found the Antarctic component to be a distraction to the students and devoting one-half of the time to this region does not do justice to the complexities of the Arctic. Last year the Department received approval for a new first year course (Geography 1140) – which added a laboratory component to the first year experience – that is

	<i>offered to students in honours Geography and Natural Resources Management programs at the Thunder Bay campus only. At that time, there was no updating of prerequisites for courses beyond the first. This proposed Calendar change updates prerequisites for upper year Geography courses, reflecting the introduction of Geography 1140. This is an essential update, to make sure registration for 2014/15 goes smoothly.</i>
Requiredor Elective	Requiredor Elective
Cross List Northern Studies 3671/Anthropology 3671	Cross List Northern Studies 3671/Anthropology 3671
Offering 3-0; or 3-0	Offering 3-0; or 3-0
Prerequisites Geography 1120 or permission of the instructor	Prerequisites Geography 1120 or <i>1140</i> or permission of the instructor
Corequisites	Corequisites
Notes Open only to students in the third and fourth year of any program except with permission of the instructor.	Notes Open only to students in the third and fourth year of any program except with permission of the instructor.
SpecialTopicDropdown	SpecialTopicDropdown
GradeSchemePF	GradeSchemePF
EffectonEnrolmentINIT No. Just a title change.	EffectonEnrolmentINIT No. Just a title change. <i>prerequisite update only</i>
EffectonEnrolmentOTHER Yes. This course course is cross-listed with both NORT3671 and ANTH3671 and will affect students who are in degree programs offered by those units.	EffectonEnrolmentOTHER Yes. This course course is cross-listed with both NORT3671 and ANTH3671 and will affect students who are in degree programs offered by those units. <i>No - prerequisite update only</i>
AdditionalTeachingSpace No. Just a title change.	AdditionalTeachingSpace No. Just a title change. <i>prerequisite update only</i>
EffectonTeachingLoads No. Just a title change.	EffectonTeachingLoads No. Just a title change. <i>prerequisite update only</i>
EffectonServices No. Just a title change.	EffectonServices No. Just a title change. <i>prerequisite update only</i>
DirectinkindSupport No. Just a title change.	DirectinkindSupport No. Just a title change. <i>prerequisite update only</i>

Cross Listed Courses

CURRENT VERSION			PROPOSED VERSION		
Course Detail	Start Term	End Term	Course Detail	Start Term	End Term
Northern Studies 3671 Geography of Polar Regions	Summer 2009	Spring 2010	Northern Studies 3671 Geography of Polar Regions	Summer 2009	Spring 2010

Northern Studies 3671 Geography of Polar Regions	Summer 2010	Spring 2011	Northern Studies 3671 Geography of Polar Regions	Summer 2010	Spring 2011
Northern Studies 3671 Geography of Polar Regions	Summer 2011	Winter 2012	Northern Studies 3671 Geography of Polar Regions	Summer 2011	Winter 2012
Northern Studies 3671 Geography of Polar Regions	Fall 2012	Summer 2013	Northern Studies 3671 Geography of Polar Regions	Fall 2012	Summer 2013

11.	New Version of a Course	Geography 3731 - Urban Residential Structure
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Course Details

CURRENT VERSION	PROPOSED VERSION
Geography 3731 - Urban Residential Structure Start Term: Fall 2012 End Term: No Specified End Date	Geography 3731 - Urban Residential Structure Start Term: Fall 2012 2014 End Term: No Specified End Date

<u>Course Details</u>	
CURRENT VERSION	PROPOSED VERSION
Code Geography 3731	Code Geography 3731
Title Urban Residential Structure	Title Urban Residential Structure
Description An examination of the physical and social structure of the North American city, with emphasis on problems in modern urban planning. Specific reference is made to the definition and implementation of sustainable community designs.	Description An examination of the physical and social structure of the North American city, with emphasis on problems in modern urban planning. Specific reference is made to the definition and implementation of sustainable community designs.
End Term No Specified End Date	End Term No Specified End Date
Institution Lakehead University	Institution Lakehead University
Faculty Faculty of Science and Environmental Studies	Faculty Faculty of Science and Environmental Studies
CreditWeight 0.5	CreditWeight 0.5
Rationale	<i>Last year the Department received approval for a new first year course (Geography 1140) – which added a laboratory component to the first year experience – that is offered to students in honours Geography and Natural Resources Management programs at the Thunder Bay campus only. At that time, there was no updating of prerequisites for courses beyond the first. This proposed Calendar change updates prerequisites for upper year Geography courses, reflecting the introduction of Geography 1140. This is an essential update, to make sure registration for 2014/15 goes smoothly.</i>
Requiredor Elective	Requiredor Elective
Cross List	Cross List

Offering 3-0; or 3-0	Offering 3-0; or 3-0
Prerequisites Geography 1120 or permission of the instructor	Prerequisites Geography 1120 or <i>1140 or</i> permission of the instructor
Corequisites	Corequisites
Notes Open only to students in the third and fourth year of any program except with permission of the instructor.	Notes Open only to students in the third and fourth year of any program except with permission of the instructor.
SpecialTopicDropdown	SpecialTopicDropdown
GradeSchemePF	GradeSchemePF
EffectonEnrolmentINIT	EffectonEnrolmentINIT <i>No - prerequisite update only</i>
EffectonEnrolmentOTHER	EffectonEnrolmentOTHER <i>No prerequisite update only</i>
AdditionalTeachingSpace	AdditionalTeachingSpace <i>No - prerequisite update only</i>
EffectonTeachingLoads	EffectonTeachingLoads <i>No - prerequisite update only</i>
EffectonServices	EffectonServices <i>No - prerequisite update only</i>
DirectinkindSupport	DirectinkindSupport <i>No - prerequisite update only</i>

12.	New Version of a Course	Geography 3751 - Retail Location
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Course Details

CURRENT VERSION	PROPOSED VERSION
Geography 3751 - Retail Location Start Term: Fall 2012 End Term: No Specified End Date	Geography 3751 - Retail Location Start Term: Fall 2012 2014 End Term: No Specified End Date

<u>Course Details</u>	
CURRENT VERSION	PROPOSED VERSION
Code Geography 3751	Code Geography 3751
Title Retail Location	Title Retail Location
Description The study of retailing activity within cities from a geographical perspective. Examination of urban shopping areas with respect to their form, historical evolution, present problems and future prospects. Analysis of the location decision-making of retail firms and spatial behaviour of consumers.	Description The study of retailing activity within cities from a geographical perspective. Examination of urban shopping areas with respect to their form, historical evolution, present problems and future prospects. Analysis of the location decision-making of retail firms and spatial behaviour of consumers.
End Term No Specified End Date	End Term No Specified End Date
Institution Lakehead University	Institution Lakehead University
Faculty Faculty of Science and Environmental Studies	Faculty Faculty of Science and Environmental Studies
CreditWeight 0.5	CreditWeight 0.5
Rationale	Rationale <i>Last year the Department received approval for a new first year course (Geography 1140) – which added a laboratory component to the first year experience – that is offered to students in honours Geography and Natural Resources Management programs at the Thunder Bay campus only. At that time, there was no updating of prerequisites for courses beyond the first. This proposed Calendar change updates prerequisites for upper year Geography courses, reflecting the introduction of Geography 1140. This is an essential update, to make sure registration for 2014/15 goes smoothly.</i>
Requiredor Elective	Requiredor Elective

Cross List	Cross List
Offering 3-0; or 3-0	Offering 3-0; or 3-0
Prerequisites Geography 1120	Prerequisites Geography 1120 <i>or 1140</i>
Corequisites	Corequisites
Notes Open only to students in the third and fourth year of any program except with permission of the instructor.	Notes Open only to students in the third and fourth year of any program except with permission of the instructor.
SpecialTopicDropdown	SpecialTopicDropdown
GradeSchemePF	GradeSchemePF
EffectonEnrolmentINIT	EffectonEnrolmentINIT <i>No - prerequisite update only</i>
EffectonEnrolmentOTHER	EffectonEnrolmentOTHER <i>No - prerequisite update only</i>
AdditionalTeachingSpace	AdditionalTeachingSpace <i>No - prerequisite update only</i>
EffectonTeachingLoads	EffectonTeachingLoads <i>No - prerequisite update only</i>
EffectonServices	EffectonServices <i>No - prerequisite update only</i>
DirectinkindSupport	DirectinkindSupport <i>No - prerequisite update only</i>

Prerequisites

CURRENT VERSION			PROPOSED VERSION		
R1: ... All Course(s) from the following...			R1: ... All Course(s) from the following...		
Code	Title	Credits	Code	Title	Credits
Geography 1120	Environmental Issues: A Geographical Approach		Geography 1120	Environmental Issues: A Geographical Approach	