



**Lakehead University**  
**Faculty of Science and Environmental Studies**

**REQUEST REPORT**

**Request Tracking Number:** 2013-SCI-2987  
**Request Title:** Geography Calendar Entry Clean Up

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

**Request Contents**

| Type                        | Title  |
|-----------------------------|--|
| 1. New Version of a Course  | Quantitative Methods in Geography              |
| 2. New Version of a Course  | Special Topic in Advanced Geography: Half Year |
| 3. New Version of a Course  | Climatology                                    |
| 4. New Version of a Course  | Geography Field Methods                        |
| 5. New Version of a Course  | Introduction to Soil Science                   |
| 6. New Version of a Course  | Environmental Assessment and Management        |
| 7. New Version of a Course  | Behavioural Geography                          |
| 8. New Version of a Course  | Geography of Canada                            |
| 9. New Version of a Course  | Geography of Northern Europe                   |
| 10. New Version of a Course | Advanced Glacial Geomorphology                 |
| 11. New Version of a Course | Water Resources Management                     |
| 12. New Version of a Course | Conservation Geography                         |
| 13. New Version of a Course | Geography of Risk and Hazard                   |
| 14. New Version of a Course | Urban Geography                                |
| 15. New Version of a Course | Sustainable Communities                        |
| 16. New Version of a Course | Rural Geography                                |
| 17. New Version of a Course | Indigenous Geographies of Mountain Areas       |
| 18. New Version of a Course | Special Topic in Geography: Half Year          |
| 19. New Version of a Course | Fluvial Geomorphology                          |
| 20. New Version of a Course | Geography of the Lake Superior Basin           |
| 21. New Version of a Course | Honours Thesis Preparation                     |
| 22. New Version of a Course | Field Studies                                  |

## 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 9th SES Faculty Council. Approved by Dr. Andrew Dean | 01/20/2014 |

## Supporting Documents

| File Name | Uploaded By | Upload Date | Size |
|-----------|-------------|-------------|------|
|-----------|-------------|-------------|------|

## Supporting Documents Audit Trail

| File Name | User | Date | Action |
|-----------|------|------|--------|
|-----------|------|------|--------|

## Notes

| Date | User | Note |
|------|------|------|
|------|------|------|

|    |                         |  |
|----|-------------------------|--|
| 1. | New Version of a Course | Geography 2271 - Quantitative Methods in Geography |
|----|-------------------------|--|

### Course Details

| CURRENT VERSION  | PROPOSED VERSION   |
|--|--|
| Geography 2271 - Quantitative Methods in Geography<br><b>Start Term:</b> Fall 2012<br><b>End Term:</b> No Specified End Date | Geography 2271 - Quantitative Methods in Geography<br><b>Start Term:</b> Fall <del>2012</del> 2014<br><b>End Term:</b> No Specified End Date |

| <u>Course Details</u>   |   |
|---|---|
| CURRENT VERSION   | PROPOSED VERSION  |
| <b>Code</b><br>Geography 2271   | <b>Code</b><br>Geography 2271   |
| <b>Title</b><br>Quantitative Methods in Geography   | <b>Title</b><br>Quantitative Methods in Geography   |
| <b>Description</b><br>Methods and techniques for handling, describing and analyzing geographical data. The application of statistical and mathematical techniques in geography. | <b>Description</b><br>Methods and techniques for handling, describing and analyzing geographical data. The application of statistical and mathematical techniques in geography.   |
| <b>End Term</b><br>No Specified End Date  | <b>End Term</b><br>No Specified End Date  |
| <b>Institution</b><br>Lakehead University   | <b>Institution</b><br>Lakehead University   |
| <b>Faculty</b><br>Faculty of Science and Environmental Studies  | <b>Faculty</b><br>Faculty of Science and Environmental Studies  |
| <b>CreditWeight</b><br>0.5  | <b>CreditWeight</b><br>0.5  |
| <b>Rationale</b>  | <b>Rationale</b><br><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> |
| <b>Requiredor Elective</b>  | <b>Requiredor Elective</b>  |
| <b>Cross List</b>   | <b>Cross List</b>   |

|  |   |
|--|---|
| <b>Offering</b><br>3-1.5; or 3-1.5     | <b>Offering</b><br>3-1.5; or 3-1.5  |
| <b>Prerequisites</b><br>Geography 1120 | <b>Prerequisites</b><br>Geography 1120 <i>or 1140 pr permission of the instructor</i> |
| <b>Corequisites</b>                    | <b>Corequisites</b>   |
| <b>Notes</b>                           | <b>Notes</b>  |
| <b>SpecialTopicDropdown</b>            | <b>SpecialTopicDropdown</b>   |
| <b>GradeSchemePF</b>                   | <b>GradeSchemePF</b>  |
| <b>EffectonEnrolmentINIT</b>           | <b>EffectonEnrolmentINIT</b><br><i>No - prerequisite update only</i>                  |
| <b>EffectonEnrolmentOTHER</b>          | <b>EffectonEnrolmentOTHER</b><br><i>No - prerequisite update only</i>                 |
| <b>AdditionalTeachingSpace</b>         | <b>AdditionalTeachingSpace</b><br><i>No - prerequisite update only</i>                |
| <b>EffectonTeachingLoads</b>           | <b>EffectonTeachingLoads</b><br><i>No - prerequisite update only</i>                  |
| <b>EffectonServices</b>                | <b>EffectonServices</b><br><i>No - prerequisite update only</i>                       |
| <b>DirectinkindSupport</b>             | <b>DirectinkindSupport</b><br><i>No - prerequisite update only</i>                    |

### Prerequisites

| CURRENT VERSION                                |   |                | PROPOSED VERSION                               |   |                |
|--|---|----------------|--|---|----------------|
| R1: ...<br>All Course(s) from the following... |   |                | R1: ...<br>All Course(s) from the following... |   |                |
| <b>Code</b>                                    | <b>Title</b>                                  | <b>Credits</b> | <b>Code</b>                                    | <b>Title</b>                                  | <b>Credits</b> |
| Geography 1120                                 | Environmental Issues: A Geographical Approach |                | Geography 1120                                 | Environmental Issues: A Geographical Approach |                |

|    |                         |   |
|----|-------------------------|---|
| 2. | New Version of a Course | Geography 4911 - Special Topic in Advanced Geography: Half Year |
|----|-------------------------|---|

### Course Details

| CURRENT VERSION   | PROPOSED VERSION  |
|---|---|
| Geography 4911 - Special Topic in Advanced Geography: Half Year<br><b>Start Term:</b> Fall 2012<br><b>End Term:</b> No Specified End Date | Geography 4911 - Special Topic in Advanced Geography: Half Year<br><b>Start Term:</b> Fall <del>2012</del> 2014<br><b>End Term:</b> No Specified End Date |

| <u>Course Details</u>  |   |
|--|---|
| CURRENT VERSION  | PROPOSED VERSION  |
| <b>Code</b><br>Geography 4911  | <b>Code</b><br>Geography 4911   |
| <b>Title</b><br>Special Topic in Advanced Geography: Half Year   | <b>Title</b><br>Special Topic in Advanced Geography: Half Year  |
| <b>Description</b><br>Half course in a specially-chosen field of geographical interest, at the advanced level. | <b>Description</b><br>Half course in a specially-chosen field of geographical interest, at the advanced level.  |
| <b>End Term</b><br>No Specified End Date   | <b>End Term</b><br>No Specified End Date  |
| <b>Institution</b><br>Lakehead University  | <b>Institution</b><br>Lakehead University   |
| <b>Faculty</b><br>Faculty of Science and Environmental Studies   | <b>Faculty</b><br>Faculty of Science and Environmental Studies  |
| <b>CreditWeight</b><br>0.5   | <b>CreditWeight</b><br>0.5  |
| <b>Rationale</b>   | <b>Rationale</b><br><i>A listing of those Geography courses for which only the Geography 1140 will serve as a permissible prerequisite is provided. These courses are those specifically targeted towards honours Geography degree program students and are not intended for students from other disciplines.</i> |
| <b>Requiredor Elective</b>   | <b>Requiredor Elective</b>  |
| <b>Cross List</b>  | <b>Cross List</b>   |
| <b>Offering</b>  | <b>Offering</b>   |
| <b>Prerequisites</b>   | <b>Prerequisites</b>  |

|                                |  |
|--------------------------------|--|
| Permission of the instructor   | Permission of the instructor   |
| <b>Corequisites</b>            | <b>Corequisites</b>  |
| <b>Notes</b>                   | <b>Notes</b><br><i>Open only to students in the third and fourth year of any program except with permission of the instructor.</i> |
| <b>SpecialTopicDropdown</b>    | <b>SpecialTopicDropdown</b><br>Yes   |
| <b>GradeSchemePF</b>           | <b>GradeSchemePF</b>   |
| <b>EffectonEnrolmentINIT</b>   | <b>EffectonEnrolmentINIT</b><br><i>NO -language update only</i>  |
| <b>EffectonEnrolmentOTHER</b>  | <b>EffectonEnrolmentOTHER</b><br><i>NO -language update only</i>   |
| <b>AdditionalTeachingSpace</b> | <b>AdditionalTeachingSpace</b><br><i>NO -language update only</i>  |
| <b>EffectonTeachingLoads</b>   | <b>EffectonTeachingLoads</b><br><i>NO -language update only</i>  |
| <b>EffectonServices</b>        | <b>EffectonServices</b><br><i>NO -language update only</i>   |
| <b>DirectinkindSupport</b>     | <b>DirectinkindSupport</b><br><i>NO -language update only</i>  |

|    |                         |                              |
|----|-------------------------|------------------------------|
| 3. | New Version of a Course | Geography 2331 - Climatology |
|----|-------------------------|------------------------------|

### Course Details

| CURRENT VERSION  | PROPOSED VERSION   |
|--|--|
| Geography 2331 - Climatology<br><b>Start Term:</b> Fall 2012<br><b>End Term:</b> No Specified End Date | Geography 2331 - Climatology<br><b>Start Term:</b> Fall <del>2012</del> 2014<br><b>End Term:</b> No Specified End Date |

| <u>Course Details</u>   |   |
|---|---|
| CURRENT VERSION   | PROPOSED VERSION  |
| <b>Code</b><br>Geography 2331   | <b>Code</b><br>Geography 2331   |
| <b>Title</b><br>Climatology   | <b>Title</b><br>Climatology   |
| <b>Description</b><br>An examination of atmosphere processes, weather phenomena, macroclimates, microclimates and the nature of climatic change. Laboratory work will include the analysis of meteorological and climatological data and the study of weather maps. | <b>Description</b><br>An examination of atmosphere processes, weather phenomena, macroclimates, microclimates and the nature of climatic change. Laboratory work will include the analysis of meteorological and climatological data and the study of weather maps.   |
| <b>End Term</b><br>No Specified End Date  | <b>End Term</b><br>No Specified End Date  |
| <b>Institution</b><br>Lakehead University   | <b>Institution</b><br>Lakehead University   |
| <b>Faculty</b><br>Faculty of Science and Environmental Studies  | <b>Faculty</b><br>Faculty of Science and Environmental Studies  |
| <b>CreditWeight</b><br>0.5  | <b>CreditWeight</b><br>0.5  |
| <b>Rationale</b>  | <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> |
| <b>Requiredor Elective</b>  | <b>Requiredor Elective</b>  |
| <b>Cross List</b>   | <b>Cross List</b>   |

|   |  |
|---|--|
| Environmental Studies 2331  | Environmental Studies 2331   |
| <b>Offering</b><br>2-2; or 2-2  | <b>Offering</b><br>2-2; or 2-2   |
| <b>Prerequisites</b><br>Geography 1120 or permission of the instructor                                      | <b>Prerequisites</b><br>Geography 1120 or <i>1140 or</i> permission of the instructor                                  |
| <b>Corequisites</b>   | <b>Corequisites</b>  |
| <b>Notes</b><br>Students who have previous credit in Geography 1310 may not take Geography 2331 for credit. | <b>Notes</b><br><del>Students who have previous credit in Geography 1310 may not take Geography 2331 for credit.</del> |
| <b>SpecialTopicDropdown</b>   | <b>SpecialTopicDropdown</b>  |
| <b>GradeSchemePF</b>  | <b>GradeSchemePF</b>   |
| <b>EffectonEnrolmentINIT</b>  | <b>EffectonEnrolmentINIT</b><br><i>NO - prerequisite update and housekeeping only</i>                                  |
| <b>EffectonEnrolmentOTHER</b>   | <b>EffectonEnrolmentOTHER</b><br><i>No - prerequisite and housekeeping only</i>  |
| <b>AdditionalTeachingSpace</b>  | <b>AdditionalTeachingSpace</b><br><i>No - prerequisite and housekeeping only</i>                                       |
| <b>EffectonTeachingLoads</b>  | <b>EffectonTeachingLoads</b><br><i>No - prerequisite and housekeeping only</i>   |
| <b>EffectonServices</b>   | <b>EffectonServices</b><br><i>No - prerequisite and housekeeping only</i>  |
| <b>DirectinkindSupport</b>  | <b>DirectinkindSupport</b><br><i>No - prerequisite and housekeeping only</i>   |



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| 4. | New Version of a Course | Geography 3255 - Geography Field Methods |
|----|-------------------------|--|

### Course Details

| CURRENT VERSION  | PROPOSED VERSION   |
|--|--|
| Geography 3255 - Geography Field Methods<br><b>Start Term:</b> Fall 2012<br><b>End Term:</b> No Specified End Date | Geography 3255 - Geography Field Methods<br><b>Start Term:</b> Fall <del>2012</del> 2014<br><b>End Term:</b> No Specified End Date |

| <u>Course Details</u>  |  |
|--|--|
| CURRENT VERSION  | PROPOSED VERSION   |
| <b>Code</b><br>Geography 3255  | <b>Code</b><br>Geography 3255  |
| <b>Title</b><br>Geography Field Methods  | <b>Title</b><br>Geography Field Methods  |
| <b>Description</b><br>An introduction to field methods used by geographers through a series of off-campus labs, field trips and weekend field excursions. Topics covered will vary from year to year, dependent on the expertise of the course instructors, but will include physical, human and environmental aspects of Geography. An extra course fee will be charged to cover travel and accommodation costs. Students will be required to have personal gear and equipment necessary to carry out field work. These equipment needs will be posted on the Department's website from year to year. | <b>Description</b><br>An introduction to field methods used by geographers through a series of off-campus labs, field trips and weekend field excursions. Topics covered will vary from year to year, dependent on the expertise of the course instructors, but will include physical, human and environmental aspects of Geography. An extra course fee will be charged to cover travel and accommodation costs. Students will be required to have personal gear and equipment necessary to carry out field work. These equipment needs will be posted on the Department's website from year to year. |
| <b>End Term</b><br>No Specified End Date   | <b>End Term</b><br>No Specified End Date   |
| <b>Institution</b><br>Lakehead University  | <b>Institution</b><br>Lakehead University  |
| <b>Faculty</b><br>Faculty of Science and Environmental Studies   | <b>Faculty</b><br>Faculty of Science and Environmental Studies   |
| <b>CreditWeight</b><br>0.5   | <b>CreditWeight</b><br>0.5   |
| <b>Rationale</b>   | <b>Rationale</b><br><i>Removal of the word "Department" replaced with Chair in the prerequisite allows for easier registration for students. The removal of the "Honours" from the prerequisite allows more student to take the course.</i>  |
| <b>Requiredor Elective</b>   | <b>Requiredor Elective</b>   |
| <b>Cross List</b>  | <b>Cross List</b>  |

|   |   |
|---|---|
| <b>Offering</b><br>2-4; 0-0   | <b>Offering</b><br>2-4; 0-0   |
| <b>Prerequisites</b><br>Completion of the second year of an Honours Program in Geography or permission of the Department*   | <b>Prerequisites</b><br>Completion of the second year of <del>an Honours a</del> Program in Geography or permission of the <del>Department</del> Chair*               |
| <b>Corequisites</b>   | <b>Corequisites</b>   |
| <b>Notes</b><br>*Students in other programs may be permitted to join the course provided space is available and background in a cognate discipline has been attained. | <b>Notes</b><br>*Students in other programs may be permitted to join the course provided space is available and background in a cognate discipline has been attained. |
| <b>SpecialTopicDropdown</b>   | <b>SpecialTopicDropdown</b>   |
| <b>GradeSchemePF</b>  | <b>GradeSchemePF</b>  |
| <b>EffectonEnrolmentINIT</b>  | <b>EffectonEnrolmentINIT</b><br><i>No - correction of wording</i>   |
| <b>EffectonEnrolmentOTHER</b>   | <b>EffectonEnrolmentOTHER</b><br><i>No - correction of wording</i>  |
| <b>AdditionalTeachingSpace</b>  | <b>AdditionalTeachingSpace</b><br><i>No - correction of wording</i>   |
| <b>EffectonTeachingLoads</b>  | <b>EffectonTeachingLoads</b><br><i>No - correction of wording</i>   |
| <b>EffectonServices</b>   | <b>EffectonServices</b><br><i>No - correction of wording</i>  |
| <b>DirectinkindSupport</b>  | <b>DirectinkindSupport</b><br><i>No - correction of wording</i>   |

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| 5. | New Version of a Course | Geography 3313 - Introduction to Soil Science |
|----|-------------------------|---|

### Course Details

| CURRENT VERSION   | PROPOSED VERSION  |
|---|---|
| Geography 3313 - Introduction to Soil Science<br><b>Start Term:</b> Fall 2013<br><b>End Term:</b> No Specified End Date | Geography 3313 - Introduction to Soil Science<br><b>Start Term:</b> Fall <del>2013</del> 2014<br><b>End Term:</b> No Specified End Date |

| <u>Course Details</u>   |  |
|---|--|
| CURRENT VERSION   | PROPOSED VERSION   |
| <b>Code</b><br>Geography 3313   | <b>Code</b><br>Geography 3313  |
| <b>Title</b><br>Introduction to Soil Science  | <b>Title</b><br>Introduction to Soil Science   |
| <b>Description</b><br>An introduction to the principles of soil science. Soil will be studied as an organized natural body, composed of unconsolidated solid material, living material, gases and water. Laboratory exercises and field work will be used to demonstrate concepts associated with soil testing and research.  | <b>Description</b><br>An introduction to the principles of soil science. Soil will be studied as an organized natural body, composed of unconsolidated solid material, living material, gases and water. Laboratory exercises and field work will be used to demonstrate concepts associated with soil testing and research.   |
| <b>End Term</b><br>No Specified End Date  | <b>End Term</b><br>No Specified End Date   |
| <b>Institution</b><br>Lakehead University   | <b>Institution</b><br>Lakehead University  |
| <b>Faculty</b><br>Faculty of Science and Environmental Studies  | <b>Faculty</b><br>Faculty of Science and Environmental Studies   |
| <b>CreditWeight</b><br>0.5  | <b>CreditWeight</b><br>0.5   |
| <b>Rationale</b><br>This course has been a Calendared Geography course since 2005-06 and has been offered nearly every year since then. There are no budgetary implications for this change as the course is part of Dr Zaniewski's regular teaching load and he runs his own laboratory section. Current resources (dedicated lab space) would accommodate 20 students in each laboratory section. If demand were to exceed 20 students, a second laboratory section could be created - supported by Dr Zaniewski and a graduate assistantship. The Department of Geography has recently adopted guidelines to allocate GA resources to such laboratory-intensive courses. This new Environmental Studies offering would be included on the "Science Stream" elective list. It would also be | <b>Rationale</b><br><del>This course has been a Calendared Geography course since 2005-06 and has been offered nearly every year since then. There are no budgetary implications for this change as the course is part of Dr Zaniewski's regular teaching load and he runs his own laboratory section. Current resources (dedicated lab space) would accommodate 20 students in each laboratory section. If demand were to exceed 20 students, a second laboratory section could be created - supported by Dr Zaniewski and a graduate assistantship. The Department of Geography has recently adopted guidelines to allocate GA resources to such laboratory-intensive courses. This new Environmental Studies offering would be included on the "Science Stream" elective list. It would also be</del> |

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| available to a wider audience of students in the recently accredited environmental studies and environmental science programs offered in the Faculty of Science and Environmental Studies and may also be of interest to students in the Faculty of Natural Resources Management.          | <del>available to a wider audience of students in the recently accredited environmental studies and environmental science programs offered in the Faculty of Science and Environmental Studies and may also be of interest to students in the Faculty of Natural Resources Management</del><br>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. Removal of "and Chair of the Department" as o longer required. |
| <b>Requiredor Elective</b>   | <b>Requiredor Elective</b>   |
| <b>Cross List</b><br>Environmental Studies 3314  | <b>Cross List</b><br>Environmental Studies 3314  |
| <b>Offering</b><br>3-2 or 3-2  | <b>Offering</b><br>3-2 or 3-2  |
| <b>Prerequisites</b><br>Geography 1120 or permission of the instructor and Chair of the Department   | <b>Prerequisites</b><br>Geography 1120 or <i>1140</i> or permission of the instructor <del>and Chair of the Department</del>   |
| <b>Corequisites</b>  | <b>Corequisites</b>  |
| <b>Notes</b>   | <b>Notes</b>   |
| <b>SpecialTopicDropdown</b>  | <b>SpecialTopicDropdown</b>  |
| <b>GradeSchemePF</b>   | <b>GradeSchemePF</b>   |
| <b>EffectonEnrolmentINIT</b><br>No. Minor Change   | <b>EffectonEnrolmentINIT</b><br>No <del>Minor Change</del> <i>prerequisite update only</i>   |
| <b>EffectonEnrolmentOTHER</b><br>Cross-listing this course as Environmental Studies (Science Stream elective list) will increase the number of potential students who would consider taking it, including those students in the HBESc (Biology) and HBESc (Earth Science) degree programs. | <del>Cross-listing this course as Environmental Studies (Science Stream elective list) will increase the number of potential students who would consider taking it, including those students in the HBESc (Biology) and HBESc (Earth Science) degree programs.</del><br><i>No - prerequisite update only</i>   |
| <b>AdditionalTeachingSpace</b><br>No. Minor Change   | <b>AdditionalTeachingSpace</b><br>No <del>Minor Change</del> <i>prerequisite update only</i>   |
| <b>EffectonTeachingLoads</b><br>No. Minor Change   | <b>EffectonTeachingLoads</b><br>No <del>Minor Change</del> <i>prerequisite update only</i>   |
| <b>EffectonServices</b><br>No. Minor Change  | <b>EffectonServices</b><br>No <del>Minor Change</del> <i>prerequisite update only</i>  |

**DirectkindSupport**  
No. Minor Change

**DirectkindSupport**  
No. ~~Minor Change~~ *prerequisite update only*

|    |                         |  |
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| 6. | New Version of a Course | Geography 3471 - Environmental Assessment and Management |
|----|-------------------------|--|

### Course Details

| CURRENT VERSION  | PROPOSED VERSION   |
|--|--|
| Geography 3471 - Environmental Assessment and Management<br><b>Start Term:</b> Fall 2012<br><b>End Term:</b> No Specified End Date | Geography 3471 - Environmental Assessment and Management<br><b>Start Term:</b> Fall <del>2012</del> 2014<br><b>End Term:</b> No Specified End Date |

| <u>Course Details</u>  |  |
|--|--|
| CURRENT VERSION  | PROPOSED VERSION   |
| <b>Code</b><br>Geography 3471  | <b>Code</b><br>Geography 3471  |
| <b>Title</b><br>Environmental Assessment and Management  | <b>Title</b><br>Environmental Assessment and Management  |
| <b>Description</b><br>An examination of the basic principles of biophysical and socio-economic impact assessment and how these are integrated into environmental management policies. Particular attention will be paid to environmental management systems. | <b>Description</b><br>An examination of the basic principles of biophysical and socio-economic impact assessment and how these are integrated into environmental management policies. Particular attention will be paid to environmental management systems.   |
| <b>End Term</b><br>No Specified End Date   | <b>End Term</b><br>No Specified End Date   |
| <b>Institution</b><br>Lakehead University  | <b>Institution</b><br>Lakehead University  |
| <b>Faculty</b><br>Faculty of Science and Environmental Studies   | <b>Faculty</b><br>Faculty of Science and Environmental Studies   |
| <b>CreditWeight</b><br>0.5   | <b>CreditWeight</b><br>0.5   |
| <b>Rationale</b>   | <b>Rationale</b><br><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. We have added a formal prerequisite to this course (3471) to standardize this with other Department course offerings at Third year. Removal of note that</i> |

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|  | <i>no longer applies as this course can be offered both on campus or via CEDL.</i>  |
| <b>Requiredor Elective</b>                                 | <b>Requiredor Elective</b>  |
| <b>Cross List</b><br>Environmental Studies 3471            | <b>Cross List</b><br>Environmental Studies 3471   |
| <b>Offering</b><br>3-0; or 3-0                             | <b>Offering</b><br>3-0; or 3-0  |
| <b>Prerequisites</b>                                       | <b>Prerequisites</b><br><i>Geography 1120 or 1140 or permission of instructor.</i>  |
| <b>Corequisites</b>  | <b>Corequisites</b>   |
| <b>Notes</b><br>Also available through Distance Education. | <b>Notes</b><br><del>Also available through Distance Education.</del>   |
| <b>SpecialTopicDropdown</b>                                | <b>SpecialTopicDropdown</b>   |
| <b>GradeSchemePF</b>                                       | <b>GradeSchemePF</b>  |
| <b>EffectonEnrolmentINIT</b>                               | <b>EffectonEnrolmentINIT</b><br><i>General housekeeping to standard prerequisite with other third year Geography courses. No expected change to enrolment.</i>  |
| <b>EffectonEnrolmentOTHER</b>                              | <b>EffectonEnrolmentOTHER</b><br><i>General housekeeping to standard prerequisite with other third year Geography courses. No expected change to enrolment.</i> |
| <b>AdditionalTeachingSpace</b>                             | <b>AdditionalTeachingSpace</b><br><i>None needed - prerequisite update only</i>   |
| <b>EffectonTeachingLoads</b>                               | <b>EffectonTeachingLoads</b><br><i>No effect - course is offered on a rotational basis.</i>   |
| <b>EffectonServices</b>                                    | <b>EffectonServices</b><br><i>No - prerequisite update only</i>   |
| <b>DirectinkindSupport</b>                                 | <b>DirectinkindSupport</b><br><i>No - prerequisite update only</i>  |

|    |                         |  |
|----|-------------------------|--|
| 7. | New Version of a Course | Geography 3531 - Behavioural Geography |
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### Course Details

| CURRENT VERSION  | PROPOSED VERSION   |
|--|--|
| Geography 3531 - Behavioural Geography<br><b>Start Term:</b> Fall 2012<br><b>End Term:</b> No Specified End Date | Geography 3531 - Behavioural Geography<br><b>Start Term:</b> Fall <del>2012</del> 2014<br><b>End Term:</b> No Specified End Date |

| <u>Course Details</u>   |   |
|---|---|
| CURRENT VERSION   | PROPOSED VERSION  |
| <b>Code</b><br>Geography 3531   | <b>Code</b><br>Geography 3531   |
| <b>Title</b><br>Behavioural Geography   | <b>Title</b><br>Behavioural Geography   |
| <b>Description</b><br>Examination of the role of spatial cognition in geographical behaviour. The importance of mental maps, territoriality and stereotyping in spatial behaviour. Examination of cultural and personal variations in attitudes towards landscape in regional and world images and in reactions to natural hazards. | <b>Description</b><br>Examination of the role of spatial cognition in geographical behaviour. The importance of mental maps, territoriality and stereotyping in spatial behaviour. Examination of cultural and personal variations in attitudes towards landscape in regional and world images and in reactions to natural hazards. |
| <b>End Term</b><br>No Specified End Date  | <b>End Term</b><br>No Specified End Date  |
| <b>Institution</b><br>Lakehead University   | <b>Institution</b><br>Lakehead University   |
| <b>Faculty</b><br>Faculty of Science and Environmental Studies  | <b>Faculty</b><br>Faculty of Science and Environmental Studies  |
| <b>CreditWeight</b><br>0.5  | <b>CreditWeight</b><br>0.5  |
| <b>Rationale</b>  | <b>Rationale</b><br><i>Removal of note that no longer applies.</i>  |
| <b>Requiredor Elective</b>  | <b>Requiredor Elective</b>  |
| <b>Cross List</b>   | <b>Cross List</b>   |
| <b>Offering</b><br>3-0; or 3-0  | <b>Offering</b><br>3-0; or 3-0  |
| <b>Prerequisites</b><br>Geography 2811  | <b>Prerequisites</b><br>Geography 2811  |



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| <b>Corequisites</b>  | <b>Corequisites</b>  |
| <b>Notes</b><br>Open only to students in the third or fourth year of any program except with permission of the instructor. Students who have previous credit in Geography 4531 may not take Geography 3531 for credit. | <b>Notes</b><br>Open only to students in the third or fourth year of any program except with permission of the instructor. -<br><del>Students who have previous credit in Geography 4531 may not take Geography 3531 for credit.</del> |
| <b>SpecialTopicDropdown</b>  | <b>SpecialTopicDropdown</b>  |
| <b>GradeSchemePF</b>   | <b>GradeSchemePF</b>   |
| <b>EffectonEnrolmentINIT</b>   | <b>EffectonEnrolmentINIT</b><br><i>No - housekeeping only</i>  |
| <b>EffectonEnrolmentOTHER</b>  | <b>EffectonEnrolmentOTHER</b><br><i>No - housekeeping only</i>   |
| <b>AdditionalTeachingSpace</b>   | <b>AdditionalTeachingSpace</b><br><i>No - housekeeping only</i>  |
| <b>EffectonTeachingLoads</b>   | <b>EffectonTeachingLoads</b><br><i>No - housekeeping only</i>  |
| <b>EffectonServices</b>  | <b>EffectonServices</b><br><i>No - housekeeping only</i>   |
| <b>DirectinkindSupport</b>   | <b>DirectinkindSupport</b><br><i>No - housekeeping only</i>  |

### Prerequisites

| CURRENT VERSION                                |                    |                | PROPOSED VERSION                               |                    |                |
|--|--------------------|----------------|--|--------------------|----------------|
| R1: ...<br>All Course(s) from the following... |                    |                | R1: ...<br>All Course(s) from the following... |                    |                |
| <b>Code</b>                                    | <b>Title</b>       | <b>Credits</b> | <b>Code</b>                                    | <b>Title</b>       | <b>Credits</b> |
| Geography 2811                                 | Cultural Geography |                | Geography 2811                                 | Cultural Geography |                |

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| 8. | New Version of a Course | Geography 3631 - Geography of Canada |
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### Course Details

| CURRENT VERSION  | PROPOSED VERSION   |
|--|--|
| Geography 3631 - Geography of Canada<br><b>Start Term:</b> Fall 2012<br><b>End Term:</b> No Specified End Date | Geography 3631 - Geography of Canada<br><b>Start Term:</b> Fall <del>2012</del> 2014<br><b>End Term:</b> No Specified End Date |

| <u>Course Details</u>  |  |
|--|--|
| CURRENT VERSION  | PROPOSED VERSION   |
| <b>Code</b><br>Geography 3631  | <b>Code</b><br>Geography 3631  |
| <b>Title</b><br>Geography of Canada  | <b>Title</b><br>Geography of Canada  |
| <b>Description</b><br>Regional geography of Canada with an emphasis on physical setting of regions, spatial patterns of economic activities and urbanization, core-periphery relationships between and within regions, and national and regional impacts of global economic restructuring. | <b>Description</b><br>Regional geography of Canada with an emphasis on physical setting of regions, spatial patterns of economic activities and urbanization, core-periphery relationships between and within regions, and national and regional impacts of global economic restructuring.   |
| <b>End Term</b><br>No Specified End Date   | <b>End Term</b><br>No Specified End Date   |
| <b>Institution</b><br>Lakehead University  | <b>Institution</b><br>Lakehead University  |
| <b>Faculty</b><br>Faculty of Science and Environmental Studies   | <b>Faculty</b><br>Faculty of Science and Environmental Studies   |
| <b>CreditWeight</b><br>0.5   | <b>CreditWeight</b><br>0.5   |
| <b>Rationale</b>   | <b>Rationale</b><br><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. Entry clean up - removal of note that no longer applies.</i> |

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| <b>Requiredor Elective</b>  | <b>Requiredor Elective</b>   |
| <b>Cross List</b>   | <b>Cross List</b>  |
| <b>Offering</b><br>3-0; or 3-0  | <b>Offering</b><br>3-0; or 3-0   |
| <b>Prerequisites</b><br>Geography 1120  | <b>Prerequisites</b><br>Geography 1120 <i>or 1140 or permission of the instructor</i>  |
| <b>Corequisites</b>   | <b>Corequisites</b>  |
| <b>Notes</b><br>Open only to students in the third and fourth year of any program except with permission of the instructor. Students who have previous credit in Geography 2631 may not take Geography 3631 for credit. | <b>Notes</b><br>Open only to students in the third and fourth year of any program except with permission of the instructor.-<br><del>Students who have previous credit in Geography 2631 may not take Geography 3631 for credit.</del> |
| <b>SpecialTopicDropdown</b>   | <b>SpecialTopicDropdown</b>  |
| <b>GradeSchemePF</b>  | <b>GradeSchemePF</b>   |
| <b>EffectonEnrolmentINIT</b>  | <b>EffectonEnrolmentINIT</b><br><i>No - prerequisite update only</i>   |
| <b>EffectonEnrolmentOTHER</b>   | <b>EffectonEnrolmentOTHER</b><br><i>No - prerequisite update only</i>  |
| <b>AdditionalTeachingSpace</b>  | <b>AdditionalTeachingSpace</b><br><i>No - prerequisite update only</i>   |
| <b>EffectonTeachingLoads</b>  | <b>EffectonTeachingLoads</b><br><i>No - prerequisite update only</i>   |
| <b>EffectonServices</b>   | <b>EffectonServices</b><br><i>No - prerequisite update only</i>  |
| <b>DirectinkindSupport</b>  | <b>DirectinkindSupport</b><br><i>No - prerequisite update only</i>   |

### Prerequisites

| CURRENT VERSION                                |   |                | PROPOSED VERSION                               |   |                |
|--|---|----------------|--|---|----------------|
| R1: ...<br>All Course(s) from the following... |   |                | R1: ...<br>All Course(s) from the following... |   |                |
| <b>Code</b>                                    | <b>Title</b>                                  | <b>Credits</b> | <b>Code</b>                                    | <b>Title</b>                                  | <b>Credits</b> |
| Geography 1120                                 | Environmental Issues: A Geographical Approach |                | Geography 1120                                 | Environmental Issues: A Geographical Approach |                |

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|----|-------------------------|---|
| 9. | New Version of a Course | Geography 3693 - Geography of Northern Europe |
|----|-------------------------|---|

### Course Details

| CURRENT VERSION   | PROPOSED VERSION  |
|---|---|
| Geography 3693 - Geography of Northern Europe<br><b>Start Term:</b> Fall 2012<br><b>End Term:</b> No Specified End Date | Geography 3693 - Geography of Northern Europe<br><b>Start Term:</b> Fall <del>2012</del> 2014<br><b>End Term:</b> No Specified End Date |

| <u>Course Details</u>   |   |
|---|---|
| CURRENT VERSION   | PROPOSED VERSION  |
| <b>Code</b><br>Geography 3693   | <b>Code</b><br>Geography 3693   |
| <b>Title</b><br>Geography of Northern Europe  | <b>Title</b><br>Geography of Northern Europe  |
| <b>Description</b><br>A systematic regional survey to gain an appreciation of regional cultural diversity, history, politics and economy of the Northern European cultural region. Broad course topics will be introduced in lectures while assigned readings will allow for more detailed regional case studies. Case studies will include specific regional issues as well as any relevant and current news-related topics. | <b>Description</b><br>A systematic regional survey to gain an appreciation of regional cultural diversity, history, politics and economy of the Northern European cultural region. Broad course topics will be introduced in lectures while assigned readings will allow for more detailed regional case studies. Case studies will include specific regional issues as well as any relevant and current news-related topics.   |
| <b>End Term</b><br>No Specified End Date  | <b>End Term</b><br>No Specified End Date  |
| <b>Institution</b><br>Lakehead University   | <b>Institution</b><br>Lakehead University   |
| <b>Faculty</b><br>Faculty of Science and Environmental Studies  | <b>Faculty</b><br>Faculty of Science and Environmental Studies  |
| <b>CreditWeight</b><br>0.5  | <b>CreditWeight</b><br>0.5  |
| <b>Rationale</b>  | <b>Rationale</b><br><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> |

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

### Prerequisites

| CURRENT VERSION                                |   |                | PROPOSED VERSION                               |   |                |
|--|---|----------------|--|---|----------------|
| R1: ...<br>All Course(s) from the following... |   |                | R1: ...<br>All Course(s) from the following... |   |                |
| <b>Code</b>                                    | <b>Title</b>                                  | <b>Credits</b> | <b>Code</b>                                    | <b>Title</b>                                  | <b>Credits</b> |
| Geography 1120                                 | Environmental Issues: A Geographical Approach |                | Geography 1120                                 | Environmental Issues: A Geographical Approach |                |

|     |                         |   |
|-----|-------------------------|---|
| 10. | New Version of a Course | Geography 4333 - Advanced Glacial Geomorphology |
|-----|-------------------------|---|

### Course Details

| CURRENT VERSION   | PROPOSED VERSION  |
|---|---|
| Geography 4333 - Advanced Glacial Geomorphology<br><b>Start Term:</b> Fall 2012<br><b>End Term:</b> No Specified End Date | Geography 4333 - Advanced Glacial Geomorphology<br><b>Start Term:</b> Fall <del>2012</del> 2014<br><b>End Term:</b> No Specified End Date |

| <u>Course Details</u>   |   |
|---|---|
| CURRENT VERSION   | PROPOSED VERSION  |
| <b>Code</b><br>Geography 4333   | <b>Code</b><br>Geography 4333   |
| <b>Title</b><br>Advanced Glacial Geomorphology  | <b>Title</b><br>Advanced Glacial Geomorphology  |
| <b>Description</b><br>Processes and landforms associated with modern and past glacial environments. Glacial dynamics, processes of erosion, transportation and deposition, and glaciotectionism will be studied. Glacial environment continuum, with the associated subglacial, ice-marginal and proglacial, sediments and landforms will also be considered. Practical exercises will be emphasized. | <b>Description</b><br>Processes and landforms associated with modern and past glacial environments. Glacial dynamics, processes of erosion, transportation and deposition, and glaciotectionism will be studied. Glacial environment continuum, with the associated subglacial, ice-marginal and proglacial, sediments and landforms will also be considered. Practical exercises will be emphasized. |
| <b>End Term</b><br>No Specified End Date  | <b>End Term</b><br>No Specified End Date  |
| <b>Institution</b><br>Lakehead University   | <b>Institution</b><br>Lakehead University   |
| <b>Faculty</b><br>Faculty of Science and Environmental Studies  | <b>Faculty</b><br>Faculty of Science and Environmental Studies  |
| <b>CreditWeight</b><br>0.5  | <b>CreditWeight</b><br>0.5  |
| <b>Rationale</b>  | <b>Rationale</b><br><i>General "housekeeping" to the calendar entry to have it be consistent with the other entries.</i>  |
| <b>Requiredor Elective</b>  | <b>Requiredor Elective</b>  |
| <b>Cross List</b>   | <b>Cross List</b>   |
| <b>Offering</b><br>3-0; or 3-0  | <b>Offering</b><br>3-0; or 3-0  |
| <b>Prerequisites</b>  | <b>Prerequisites</b>  |

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| Geography 2351 and 3315; or permission of the instructor | Geography 2351 and 3315; or permission of the instructor   |
| <b>Corequisites</b>                                      | <b>Corequisites</b>  |
| <b>Notes</b>   | <b>Notes</b><br><i>Open only to students in the third and fourth year of any program except with permission of the instructor.</i> |
| <b>SpecialTopicDropdown</b>                              | <b>SpecialTopicDropdown</b>  |
| <b>GradeSchemePF</b>                                     | <b>GradeSchemePF</b>   |
| <b>EffectonEnrolmentINIT</b>                             | <b>EffectonEnrolmentINIT</b><br><i>No - entry clean up only</i>  |
| <b>EffectonEnrolmentOTHER</b>                            | <b>EffectonEnrolmentOTHER</b><br><i>No - entry clean up only</i>   |
| <b>AdditionalTeachingSpace</b>                           | <b>AdditionalTeachingSpace</b><br><i>No - entry clean up only</i>  |
| <b>EffectonTeachingLoads</b>                             | <b>EffectonTeachingLoads</b><br><i>No - entry clean up only</i>  |
| <b>EffectonServices</b>                                  | <b>EffectonServices</b><br><i>No entry clean up only</i>   |
| <b>DirectinkindSupport</b>                               | <b>DirectinkindSupport</b><br><i>No - entry clean up only</i>  |

|     |                         |   |
|-----|-------------------------|---|
| 11. | New Version of a Course | Geography 4411 - Water Resources Management |
|-----|-------------------------|---|

### Course Details

| CURRENT VERSION   | PROPOSED VERSION  |
|---|---|
| Geography 4411 - Water Resources Management<br><b>Start Term:</b> Fall 2012<br><b>End Term:</b> No Specified End Date | Geography 4411 - Water Resources Management<br><b>Start Term:</b> Fall <del>2012</del> 2014<br><b>End Term:</b> No Specified End Date |

| <u>Course Details</u>   |   |
|---|---|
| CURRENT VERSION   | PROPOSED VERSION  |
| <b>Code</b><br>Geography 4411   | <b>Code</b><br>Geography 4411   |
| <b>Title</b><br>Water Resources Management  | <b>Title</b><br>Water Resources Management  |
| <b>Description</b><br>Geographical aspects of physical water resources and human control systems will be studied. Emphasis will be placed on complex management challenges, derived from the interaction between the water cycle and human control agencies. Major themes include water supply, water quality, hydropower and flood control; each of which will be examined across a range of scales, technologies and societies. | <b>Description</b><br>Geographical aspects of physical water resources and human control systems will be studied. Emphasis will be placed on complex management challenges, derived from the interaction between the water cycle and human control agencies. Major themes include water supply, water quality, hydropower and flood control; each of which will be examined across a range of scales, technologies and societies.   |
| <b>End Term</b><br>No Specified End Date  | <b>End Term</b><br>No Specified End Date  |
| <b>Institution</b><br>Lakehead University   | <b>Institution</b><br>Lakehead University   |
| <b>Faculty</b><br>Faculty of Science and Environmental Studies  | <b>Faculty</b><br>Faculty of Science and Environmental Studies  |
| <b>CreditWeight</b><br>0.5  | <b>CreditWeight</b><br>0.5  |
| <b>Rationale</b>  | <b>Rationale</b><br><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> |



|   |  |
|---|--|
| <b>Requiredor Elective</b>                      | <b>Requiredor Elective</b>   |
| <b>Cross List</b><br>Environmental Studies 4411 | <b>Cross List</b><br>Environmental Studies 4411  |
| <b>Offering</b><br>3-0; or 3-0                  | <b>Offering</b><br>3-0; or 3-0   |
| <b>Prerequisites</b><br>Geography 1120          | <b>Prerequisites</b><br>Geography 1120 <i>or 1140 or permission of the instructor</i>  |
| <b>Corequisites</b>                             | <b>Corequisites</b>  |
| <b>Notes</b>                                    | <b>Notes</b><br><i>Open only to students in the third and fourth year of any program except with permission of the instructor.</i> |
| <b>SpecialTopicDropdown</b>                     | <b>SpecialTopicDropdown</b>  |
| <b>GradeSchemePF</b>                            | <b>GradeSchemePF</b>   |
| <b>EffectonEnrolmentINIT</b>                    | <b>EffectonEnrolmentINIT</b><br><i>No - prerequisite update &amp; entry clean up</i>   |
| <b>EffectonEnrolmentOTHER</b>                   | <b>EffectonEnrolmentOTHER</b><br><i>No - prerequisite update &amp; entry clean up</i>  |
| <b>AdditionalTeachingSpace</b>                  | <b>AdditionalTeachingSpace</b><br><i>No - prerequisite update and entry clean up</i>   |
| <b>EffectonTeachingLoads</b>                    | <b>EffectonTeachingLoads</b><br><i>No - prerequisite update and entry clean up</i>   |
| <b>EffectonServices</b>                         | <b>EffectonServices</b><br><i>No - prerequisite update and entry clean up</i>  |
| <b>DirectinkindSupport</b>                      | <b>DirectinkindSupport</b><br><i>No - prerequisite update and entry clean up</i>   |

### Prerequisites

| CURRENT VERSION                                |   |                | PROPOSED VERSION                               |   |                |
|--|---|----------------|--|---|----------------|
| R1: ...<br>All Course(s) from the following... |   |                | R1: ...<br>All Course(s) from the following... |   |                |
| <b>Code</b>                                    | <b>Title</b>                                  | <b>Credits</b> | <b>Code</b>                                    | <b>Title</b>                                  | <b>Credits</b> |
| Geography 1120                                 | Environmental Issues: A Geographical Approach |                | Geography 1120                                 | Environmental Issues: A Geographical Approach |                |

|     |                         |   |
|-----|-------------------------|---|
| 12. | New Version of a Course | Geography 4431 - Conservation Geography |
|-----|-------------------------|---|

### Course Details

| CURRENT VERSION   | PROPOSED VERSION  |
|---|---|
| Geography 4431 - Conservation Geography<br><b>Start Term:</b> Fall 2012<br><b>End Term:</b> No Specified End Date | Geography 4431 - Conservation Geography<br><b>Start Term:</b> Fall <del>2012</del> 2014<br><b>End Term:</b> No Specified End Date |

| <u>Course Details</u>  |   |
|--|---|
| CURRENT VERSION  | PROPOSED VERSION  |
| <b>Code</b><br>Geography 4431  | <b>Code</b><br>Geography 4431   |
| <b>Title</b><br>Conservation Geography   | <b>Title</b><br>Conservation Geography  |
| <b>Description</b><br>Topics covered will include the history of conservation as embedded in different cultures. A major focus of the course is the examination of national and international case studies to explore the complex relationships between biological conservation, culture and economic development. | <b>Description</b><br>Topics covered will include the history of conservation as embedded in different cultures. A major focus of the course is the examination of national and international case studies to explore the complex relationships between biological conservation, culture and economic development.  |
| <b>End Term</b><br>No Specified End Date   | <b>End Term</b><br>No Specified End Date  |
| <b>Institution</b><br>Lakehead University  | <b>Institution</b><br>Lakehead University   |
| <b>Faculty</b><br>Faculty of Science and Environmental Studies   | <b>Faculty</b><br>Faculty of Science and Environmental Studies  |
| <b>CreditWeight</b><br>0.5   | <b>CreditWeight</b><br>0.5  |
| <b>Rationale</b>   | <b>Rationale</b><br><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> |
| <b>Requiredor Elective</b>   | <b>Requiredor Elective</b>  |

|   |  |
|---|--|
| <b>Cross List</b><br>Environmental Studies 4431 | <b>Cross List</b><br>Environmental Studies 4431  |
| <b>Offering</b><br>3-0; or 3-0                  | <b>Offering</b><br>3-0; or 3-0   |
| <b>Prerequisites</b><br>Geography 1120          | <b>Prerequisites</b><br>Geography 1120 <i>or 1140</i>  |
| <b>Corequisites</b>                             | <b>Corequisites</b>  |
| <b>Notes</b>                                    | <b>Notes</b><br><i>Open only to students in third and fourth year of any program except with permission of the instructor.</i> |
| <b>SpecialTopicDropdown</b>                     | <b>SpecialTopicDropdown</b>  |
| <b>GradeSchemePF</b>                            | <b>GradeSchemePF</b>   |
| <b>EffectonEnrolmentINIT</b>                    | <b>EffectonEnrolmentINIT</b><br><i>No - prerequisite update and entry clean up</i>   |
| <b>EffectonEnrolmentOTHER</b>                   | <b>EffectonEnrolmentOTHER</b><br><i>No - prerequisite update and entry clean up</i>  |
| <b>AdditionalTeachingSpace</b>                  | <b>AdditionalTeachingSpace</b><br><i>No - prerequisite update and entry clean up</i>   |
| <b>EffectonTeachingLoads</b>                    | <b>EffectonTeachingLoads</b><br><i>No - prerequisite update and entry clean up</i>   |
| <b>EffectonServices</b>                         | <b>EffectonServices</b><br><i>No - prerequisite update and entry clean up</i>  |
| <b>DirectinkindSupport</b>                      | <b>DirectinkindSupport</b><br><i>No - prerequisite update and entry clean up</i>   |

### Prerequisites

| CURRENT VERSION                                |   |                | PROPOSED VERSION                               |   |                |
|--|---|----------------|--|---|----------------|
| R1: ...<br>All Course(s) from the following... |   |                | R1: ...<br>All Course(s) from the following... |   |                |
| <b>Code</b>                                    | <b>Title</b>                                  | <b>Credits</b> | <b>Code</b>                                    | <b>Title</b>                                  | <b>Credits</b> |
| Geography 1120                                 | Environmental Issues: A Geographical Approach |                | Geography 1120                                 | Environmental Issues: A Geographical Approach |                |

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| 13. | New Version of a Course | Geography 4451 - Geography of Risk and Hazard |
|-----|-------------------------|---|

### Course Details

| CURRENT VERSION   | PROPOSED VERSION  |
|---|---|
| Geography 4451 - Geography of Risk and Hazard<br><b>Start Term:</b> Fall 2012<br><b>End Term:</b> No Specified End Date | Geography 4451 - Geography of Risk and Hazard<br><b>Start Term:</b> Fall <del>2012</del> 2014<br><b>End Term:</b> No Specified End Date |

| <u>Course Details</u>   |  |
|---|--|
| CURRENT VERSION   | PROPOSED VERSION   |
| <b>Code</b><br>Geography 4451   | <b>Code</b><br>Geography 4451  |
| <b>Title</b><br>Geography of Risk and Hazard  | <b>Title</b><br>Geography of Risk and Hazard   |
| <b>Description</b><br>An examination of the geographic theories, constructs, frameworks and methods used in the study of risk and hazard. Emphasis is placed upon human-environment interaction in environmental and technological hazards. | <b>Description</b><br>An examination of the geographic theories, constructs, frameworks and methods used in the study of risk and hazard. Emphasis is placed upon human-environment interaction in environmental and technological hazards.  |
| <b>End Term</b><br>No Specified End Date  | <b>End Term</b><br>No Specified End Date   |
| <b>Institution</b><br>Lakehead University   | <b>Institution</b><br>Lakehead University  |
| <b>Faculty</b><br>Faculty of Science and Environmental Studies  | <b>Faculty</b><br>Faculty of Science and Environmental Studies   |
| <b>CreditWeight</b><br>0.5  | <b>CreditWeight</b><br>0.5   |
| <b>Rationale</b>  | <b>Rationale</b><br><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 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. The dropping of Geography 2251 is a housekeeping change (ie most of fourth year Geography had been changed in the last few years). The adding of Geography 1120 (together with Geography 1140) as</i> |

|   |  |
|---|--|
|   | <i>a prerequisite will allow the course to better taken by both Geography and non-Geography third and fourth year students. Removal of the Geography 2251 should increase enrolment as well.</i> |
| <b>Requiredor Elective</b>                      | <b>Requiredor Elective</b>   |
| <b>Cross List</b><br>Environmental Studies 4451 | <b>Cross List</b><br>Environmental Studies 4451  |
| <b>Offering</b><br>3-0; or 3-0                  | <b>Offering</b><br>3-0; or 3-0   |
| <b>Prerequisites</b><br>Geography 2251          | <b>Prerequisites</b><br>Geography <del>2251</del> 1120 or 1140 or permission of the instructor   |
| <b>Corequisites</b>                             | <b>Corequisites</b>  |
| <b>Notes</b>                                    | <b>Notes</b><br><i>Open only to students in third and fourth year of any program except with permission of the instructor.</i>   |
| <b>SpecialTopicDropdown</b>                     | <b>SpecialTopicDropdown</b>  |
| <b>GradeSchemePF</b>                            | <b>GradeSchemePF</b>   |
| <b>EffectonEnrolmentINIT</b>                    | <b>EffectonEnrolmentINIT</b><br><i>Prerequisite update and entry clean up could potentially increase enrolment (ie. the prerequisites are less restrictive than previous).</i>                   |
| <b>EffectonEnrolmentOTHER</b>                   | <b>EffectonEnrolmentOTHER</b><br><i>Prerequisite update and entry clean up could potentially increase enrolment (ie. the prerequisites are less restrictive than previous).</i>                  |
| <b>AdditionalTeachingSpace</b>                  | <b>AdditionalTeachingSpace</b><br><i>None - prerequisite update and entry clean up</i>   |
| <b>EffectonTeachingLoads</b>                    | <b>EffectonTeachingLoads</b><br><i>No effect. Part of offerings of a regular faculty member.</i>   |
| <b>EffectonServices</b>                         | <b>EffectonServices</b><br><i>None needed.</i>   |
| <b>DirectinkindSupport</b>                      | <b>DirectinkindSupport</b><br><i>None needed.</i>  |

### Prerequisites

| CURRENT VERSION                                |   |                | PROPOSED VERSION                               |   |                |
|--|---|----------------|--|---|----------------|
| R1: ...<br>All Course(s) from the following... |   |                | R1: ...<br>All Course(s) from the following... |   |                |
| <b>Code</b>                                    | <b>Title</b>                            | <b>Credits</b> | <b>Code</b>                                    | <b>Title</b>                            | <b>Credits</b> |
| Geography 2251                                 | Geographical Inquiry and Interpretation |                | Geography 2251                                 | Geographical Inquiry and Interpretation |                |

|     |                         |                                  |
|-----|-------------------------|----------------------------------|
| 14. | New Version of a Course | Geography 4731 - Urban Geography |
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### Course Details

| CURRENT VERSION  | PROPOSED VERSION   |
|--|--|
| Geography 4731 - Urban Geography<br><b>Start Term:</b> Fall 2012<br><b>End Term:</b> No Specified End Date | Geography 4731 - Urban Geography<br><b>Start Term:</b> Fall <del>2012</del> 2014<br><b>End Term:</b> No Specified End Date |

| <u>Course Details</u>   |  |
|---|--|
| CURRENT VERSION   | PROPOSED VERSION   |
| <b>Code</b><br>Geography 4731   | <b>Code</b><br>Geography 4731  |
| <b>Title</b><br>Urban Geography   | <b>Title</b><br>Urban Geography  |
| <b>Description</b><br>Selected topics pertaining to the economic development of urban environments with a focus on such topics as: demographic change; housing market dynamics and neighbourhood transition; decentralization of commercial and industrial activity; the revitalization of core areas; local adaptation to the forces of global economic restructuring. | <b>Description</b><br>Selected topics pertaining to the economic development of urban environments with a focus on such topics as: demographic change; housing market dynamics and neighbourhood transition; decentralization of commercial and industrial activity; the revitalization of core areas; local adaptation to the forces of global economic restructuring.                                      |
| <b>End Term</b><br>No Specified End Date  | <b>End Term</b><br>No Specified End Date   |
| <b>Institution</b><br>Lakehead University   | <b>Institution</b><br>Lakehead University  |
| <b>Faculty</b><br>Faculty of Science and Environmental Studies  | <b>Faculty</b><br>Faculty of Science and Environmental Studies   |
| <b>CreditWeight</b><br>0.5  | <b>CreditWeight</b><br>0.5   |
| <b>Rationale</b>  | <b>Rationale</b><br><i>The proposed updating of the prerequisite to Geography 2511 will ensure that students still have sufficient background in locational economics and economic geography, with the added benefit that the course will be accessible to both third and fourth year students. Removing the third year prerequisites will make it easier for the Department to rotate course offerings.</i> |
| <b>Requiredor Elective</b>  | <b>Requiredor Elective</b>   |
| <b>Cross List</b>   | <b>Cross List</b>  |

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|---|--|
| <b>Offering</b><br>3-0; or 3-0  | <b>Offering</b><br>3-0; or 3-0   |
| <b>Prerequisites</b><br>One of Geography 3731 and 3751; or permission of the instructor | <b>Prerequisites</b><br><del>One of Geography 3731 and 3751;</del> <i>Geography 2511</i> or permission of the instructor   |
| <b>Corequisites</b>   | <b>Corequisites</b>  |
| <b>Notes</b>  | <b>Notes</b><br><i>Open only to students in third and fourth year of any program except with permission of the instructor.</i>   |
| <b>SpecialTopicDropdown</b>   | <b>SpecialTopicDropdown</b>  |
| <b>GradeSchemePF</b>  | <b>GradeSchemePF</b>   |
| <b>EffectonEnrolmentINIT</b>  | <b>EffectonEnrolmentINIT</b><br><i>Enrolments should likely increase, due to the change to a second year prerequisite (course now available to third or fourth year cohorts), when this course is offered. It is not offered annually.</i> |
| <b>EffectonEnrolmentOTHER</b>   | <b>EffectonEnrolmentOTHER</b><br><i>None anticipated - prerequisite update and entry clean up</i>  |
| <b>AdditionalTeachingSpace</b>  | <b>AdditionalTeachingSpace</b><br><i>None required - update to prerequisite only.</i>  |
| <b>EffectonTeachingLoads</b>  | <b>EffectonTeachingLoads</b><br><i>Course is not regularly offered Has no load implications.</i>   |
| <b>EffectonServices</b>   | <b>EffectonServices</b><br><i>None required - update to prerequisite only.</i>   |
| <b>DirectinkindSupport</b>  | <b>DirectinkindSupport</b><br><i>None required - update to prerequisite only.</i>  |

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| 15. | New Version of a Course | Geography 4771 - Sustainable Communities |
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### Course Details

| CURRENT VERSION  | PROPOSED VERSION   |
|--|--|
| Geography 4771 - Sustainable Communities<br><b>Start Term:</b> Fall 2012<br><b>End Term:</b> No Specified End Date | Geography 4771 - Sustainable Communities<br><b>Start Term:</b> Fall <del>2012</del> 2014<br><b>End Term:</b> No Specified End Date |

| <u>Course Details</u>   |  |
|---|--|
| CURRENT VERSION   | PROPOSED VERSION   |
| <b>Code</b><br>Geography 4771   | <b>Code</b><br>Geography 4771  |
| <b>Title</b><br>Sustainable Communities   | <b>Title</b><br>Sustainable Communities  |
| <b>Description</b><br>A review of current literature and practical applications relating to concept of sustainable community planning, with specific reference to neighbourhood design, transportation systems, land use zoning, water and energy usage, and agriculture. The measurement of urban sustainability and the sustainability of human activities at regional and city scales are also considered. | <b>Description</b><br>A review of current literature and practical applications relating to concept of sustainable community planning, with specific reference to neighbourhood design, transportation systems, land use zoning, water and energy usage, and agriculture. The measurement of urban sustainability and the sustainability of human activities at regional and city scales are also considered.  |
| <b>End Term</b><br>No Specified End Date  | <b>End Term</b><br>No Specified End Date   |
| <b>Institution</b><br>Lakehead University   | <b>Institution</b><br>Lakehead University  |
| <b>Faculty</b><br>Faculty of Science and Environmental Studies  | <b>Faculty</b><br>Faculty of Science and Environmental Studies   |
| <b>CreditWeight</b><br>0.5  | <b>CreditWeight</b><br>0.5   |
| <b>Rationale</b>  | <b>Rationale</b><br><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. The dropping of Geography 3731 is a housekeeping</i> |



|  |  |
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|  | <i>change (ie most of fourth year Geography had been changed in the last few years). The adding of Geography 1120 (together with Geography 1140) as a prerequisite will allow the course to better taken by both Geography and non-Geography third and fourth year students. Removal of the Geography 3731 should increase enrolment as well as the instructor had noticed this as a potential registration barrier over the past couple of years.</i> |
| <b>Requiredor Elective</b>   | <b>Requiredor Elective</b>   |
| <b>Cross List</b>  | <b>Cross List</b>  |
| <b>Offering</b><br>3-0; or 3-0   | <b>Offering</b><br>3-0; or 3-0   |
| <b>Prerequisites</b><br>Geography 3731 or permission of the instructor | <b>Prerequisites</b><br>Geography <del>3731</del> 1120 or 1140 or permission of the instructor   |
| <b>Corequisites</b>  | <b>Corequisites</b>  |
| <b>Notes</b>   | <b>Notes</b><br><i>Open only to students in the third and fourth year of any program except with permission of the instructor.</i>   |
| <b>SpecialTopicDropdown</b>  | <b>SpecialTopicDropdown</b>  |
| <b>GradeSchemePF</b>   | <b>GradeSchemePF</b>   |
| <b>EffectonEnrolmentINIT</b>   | <b>EffectonEnrolmentINIT</b><br><i>Removing the third year prerequisite (and replacing it with a first year one) will increase enrolment in the course and make it more accessible to both Geography and non-Geography majors, including but not limited to students in Outdoor Recreation, Parks and Tourism and Engineering programs -- these student groups have taken the course in the past with permission of the instructor.</i>                |
| <b>EffectonEnrolmentOTHER</b>  | <b>EffectonEnrolmentOTHER</b><br><i>Course should be more accessible to non-Geography majors with the proposed changes to the prerequisites, including but not limited to OPRT and Engineering students.</i>   |
| <b>AdditionalTeachingSpace</b>   | <b>AdditionalTeachingSpace</b><br><i>No - prerequisite update and entry clean up</i>   |
| <b>EffectonTeachingLoads</b>   | <b>EffectonTeachingLoads</b><br><i>No change. Part of load for regular faculty member.</i>   |
| <b>EffectonServices</b>  | <b>EffectonServices</b><br><i>No - prerequisite update and entry clean up</i>  |
| <b>DirectinkindSupport</b>   | <b>DirectinkindSupport</b><br><i>No - prerequisite update and entry clean up</i>   |

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|-----|-------------------------|----------------------------------|
| 16. | New Version of a Course | Geography 4811 - Rural Geography |
|-----|-------------------------|----------------------------------|

### Course Details

| CURRENT VERSION  | PROPOSED VERSION   |
|--|--|
| Geography 4811 - Rural Geography<br><b>Start Term:</b> Fall 2012<br><b>End Term:</b> No Specified End Date | Geography 4811 - Rural Geography<br><b>Start Term:</b> Fall <del>2012</del> 2014<br><b>End Term:</b> No Specified End Date |

| <u>Course Details</u>  |  |
|--|--|
| CURRENT VERSION  | PROPOSED VERSION   |
| <b>Code</b><br>Geography 4811  | <b>Code</b><br>Geography 4811  |
| <b>Title</b><br>Rural Geography  | <b>Title</b><br>Rural Geography  |
| <b>Description</b><br>A course dealing with the theories, data, research procedures and planning policies used in rural geography. The focus is on such topics as agriculture, settlement, land use, landscape evaluation and tourism. | <b>Description</b><br>A course dealing with the theories, data, research procedures and planning policies used in rural geography. The focus is on such topics as agriculture, settlement, land use, landscape evaluation and tourism. |
| <b>End Term</b><br>No Specified End Date   | <b>End Term</b><br>No Specified End Date   |
| <b>Institution</b><br>Lakehead University  | <b>Institution</b><br>Lakehead University  |
| <b>Faculty</b><br>Faculty of Science and Environmental Studies   | <b>Faculty</b><br>Faculty of Science and Environmental Studies   |
| <b>CreditWeight</b><br>0.5   | <b>CreditWeight</b><br>0.5   |
| <b>Rationale</b>   | <b>Rationale</b><br><i>General entry clean up to make listing consistent with other courses.</i>   |
| <b>Requiredor Elective</b>   | <b>Requiredor Elective</b>   |
| <b>Cross List</b>  | <b>Cross List</b>  |
| <b>Offering</b><br>3-0; or 3-0   | <b>Offering</b><br>3-0; or 3-0   |
| <b>Prerequisites</b><br>Geography 2811   | <b>Prerequisites</b><br>Geography 2811 <i>or permission of the instructor</i>  |

|                                |  |
|--------------------------------|--|
| <b>Corequisites</b>            | <b>Corequisites</b>  |
| <b>Notes</b>                   | <b>Notes</b><br><i>Open only to students in the third and fourth year of any program except with permission of the instructor.</i> |
| <b>SpecialTopicDropdown</b>    | <b>SpecialTopicDropdown</b>  |
| <b>GradeSchemePF</b>           | <b>GradeSchemePF</b>   |
| <b>EffectonEnrolmentINIT</b>   | <b>EffectonEnrolmentINIT</b><br><i>No - entry clean up</i>   |
| <b>EffectonEnrolmentOTHER</b>  | <b>EffectonEnrolmentOTHER</b><br><i>No - entry clean up</i>  |
| <b>AdditionalTeachingSpace</b> | <b>AdditionalTeachingSpace</b><br><i>No - entry clean up</i>   |
| <b>EffectonTeachingLoads</b>   | <b>EffectonTeachingLoads</b><br><i>No - entry clean up</i>   |
| <b>EffectonServices</b>        | <b>EffectonServices</b><br><i>No - entry clean up</i>  |
| <b>DirectinkindSupport</b>     | <b>DirectinkindSupport</b><br><i>No - entry clean up</i>   |

### Prerequisites

| CURRENT VERSION                                |                    |                | PROPOSED VERSION                               |                    |                |
|--|--------------------|----------------|--|--------------------|----------------|
| R1: ...<br>All Course(s) from the following... |                    |                | R1: ...<br>All Course(s) from the following... |                    |                |
| <b>Code</b>                                    | <b>Title</b>       | <b>Credits</b> | <b>Code</b>                                    | <b>Title</b>       | <b>Credits</b> |
| Geography 2811                                 | Cultural Geography |                | Geography 2811                                 | Cultural Geography |                |

|     |                         |   |
|-----|-------------------------|---|
| 17. | New Version of a Course | Geography 4831 - Indigenous Geographies of Mountain Areas |
|-----|-------------------------|---|

### Course Details

| CURRENT VERSION   | PROPOSED VERSION  |
|---|---|
| Geography 4831 - Indigenous Geographies of Mountain Areas<br><b>Start Term:</b> Fall 2012<br><b>End Term:</b> No Specified End Date | Geography 4831 - Indigenous Geographies of Mountain Areas<br><b>Start Term:</b> Fall <del>2012</del> 2014<br><b>End Term:</b> No Specified End Date |

| <u>Course Details</u>  |  |
|--|--|
| CURRENT VERSION  | PROPOSED VERSION   |
| <b>Code</b><br>Geography 4831  | <b>Code</b><br>Geography 4831  |
| <b>Title</b><br>Indigenous Geographies of Mountain Areas   | <b>Title</b><br>Indigenous Geographies of Mountain Areas   |
| <b>Description</b><br>Theory and practice in the ethnosience of mountain peoples: especially ethnogeographic aspects of mountain botany, zoology, ecology and cartography. Students will work on case studies in consultation with the instructor and with indigenous groups and scholars in other parts of the world. | <b>Description</b><br>Theory and practice in the ethnosience of mountain peoples: especially ethnogeographic aspects of mountain botany, zoology, ecology and cartography. Students will work on case studies in consultation with the instructor and with indigenous groups and scholars in other parts of the world.   |
| <b>End Term</b><br>No Specified End Date   | <b>End Term</b><br>No Specified End Date   |
| <b>Institution</b><br>Lakehead University  | <b>Institution</b><br>Lakehead University  |
| <b>Faculty</b><br>Faculty of Science and Environmental Studies   | <b>Faculty</b><br>Faculty of Science and Environmental Studies   |
| <b>CreditWeight</b><br>0.5   | <b>CreditWeight</b><br>0.5   |
| <b>Rationale</b>   | <b>Rationale</b><br><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. The dropping of Geography 2251 and 3691 is a housekeeping change (ie most of fourth year</i> |

|  |   |
|--|---|
|  | <i>Geography had been changed in the last few years). The adding of Geography 1120 (together with Geography 1140) as a prerequisite will allow the course to better taken by both Geography and non-Geography third and fourth year students. Removal of the Geography 2251 and 3691 should increase enrolment as well.</i> |
| <b>Requiredor Elective</b>   | <b>Requiredor Elective</b>  |
| <b>Cross List</b>  | <b>Cross List</b>   |
| <b>Offering</b><br>3-0; or 3-0   | <b>Offering</b><br>3-0; or 3-0  |
| <b>Prerequisites</b><br>Geography 2251 and 3691 or permission of the instructor  | <b>Prerequisites</b><br>Geography <del>2251 and 3691</del> 1120 or 1140 or permission of the instructor   |
| <b>Corequisites</b>  | <b>Corequisites</b>   |
| <b>Notes</b><br>Registration in this course is limited to students with fourth-year standing in Geography; Anthropology; Biology; or Outdoor Recreation, Parks and Tourism | <b>Notes</b><br><del>Registration in this course is limited</del> <i>Open only</i> to students <del>with in the third and fourth -year standing in Geography; Anthropology; Biology; or Outdoor Recreation, Parks and Tourism</del> <i>year of any program except with permission of the instructor.</i>                    |
| <b>SpecialTopicDropdown</b>  | <b>SpecialTopicDropdown</b>   |
| <b>GradeSchemePF</b>   | <b>GradeSchemePF</b>  |
| <b>EffectonEnrolmentINIT</b>   | <b>EffectonEnrolmentINIT</b><br><i>Prerequisite update and entry clean up could potentially increase enrolment (ie. the prerequisites are less restrictive than previous).</i>  |
| <b>EffectonEnrolmentOTHER</b>  | <b>EffectonEnrolmentOTHER</b><br><i>Prerequisite update and entry clean up could potentially increase enrolment (ie. the prerequisites are less restrictive than previous).</i>   |
| <b>AdditionalTeachingSpace</b>   | <b>AdditionalTeachingSpace</b><br><i>None required.</i>   |
| <b>EffectonTeachingLoads</b>   | <b>EffectonTeachingLoads</b><br><i>No effect on load. Part of course rotations of a regular faculty member.</i>   |
| <b>EffectonServices</b>  | <b>EffectonServices</b><br><i>None required.</i>  |
| <b>DirectinkindSupport</b>   | <b>DirectinkindSupport</b><br><i>None required.</i>   |

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|-----|-------------------------|--|
| 18. | New Version of a Course | Geography 3911 - Special Topic in Geography: Half Year |
|-----|-------------------------|--|

### Course Details

| CURRENT VERSION  | PROPOSED VERSION   |
|--|--|
| Geography 3911 - Special Topic in Geography: Half Year<br><b>Start Term:</b> Fall 2012<br><b>End Term:</b> No Specified End Date | Geography 3911 - Special Topic in Geography: Half Year<br><b>Start Term:</b> Fall <del>2012</del> 2014<br><b>End Term:</b> No Specified End Date |

| <u>Course Details</u>   |  |
|---|--|
| CURRENT VERSION   | PROPOSED VERSION   |
| <b>Code</b><br>Geography 3911   | <b>Code</b><br>Geography 3911  |
| <b>Title</b><br>Special Topic in Geography: Half Year                                   | <b>Title</b><br>Special Topic in Geography: Half Year  |
| <b>Description</b><br>Half course in a specially-chosen field of geographical interest. | <b>Description</b><br>Half course in a specially-chosen field of geographical interest.  |
| <b>End Term</b><br>No Specified End Date  | <b>End Term</b><br>No Specified End Date   |
| <b>Institution</b><br>Lakehead University   | <b>Institution</b><br>Lakehead University  |
| <b>Faculty</b><br>Faculty of Science and Environmental Studies                          | <b>Faculty</b><br>Faculty of Science and Environmental Studies   |
| <b>CreditWeight</b><br>0.5  | <b>CreditWeight</b><br>0.5   |
| <b>Rationale</b>  | <b>Rationale</b><br><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. A listing of those Geography courses for which only the Geography 1140 will serve as a permissible prerequisite is provided. These courses are those specifically targeted towards honours Geography degree program students and are not intended for students from other disciplines.</i> |
| <b>Requiredor Elective</b>  | <b>Requiredor Elective</b>   |
| <b>Cross List</b>   | <b>Cross List</b>  |
| <b>Offering</b>   | <b>Offering</b>  |

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| <b>Prerequisites</b><br>Geography 1120 or permission of the Department | <b>Prerequisites</b><br>Geography 1120 or <i>1140</i> or permission of the <del>Department</del> <i>instructor</i>                 |
| <b>Corequisites</b>  | <b>Corequisites</b>  |
| <b>Notes</b>   | <b>Notes</b><br><i>Open only to students in the third and fourth year of any program except with permission of the instructor.</i> |
| <b>SpecialTopicDropdown</b>  | <b>SpecialTopicDropdown</b><br>Yes   |
| <b>GradeSchemePF</b>   | <b>GradeSchemePF</b>   |
| <b>EffectonEnrolmentINIT</b>   | <b>EffectonEnrolmentINIT</b><br><i>NO - prerequisite update only</i>   |
| <b>EffectonEnrolmentOTHER</b>  | <b>EffectonEnrolmentOTHER</b><br><i>NO - prerequisite update only</i>  |
| <b>AdditionalTeachingSpace</b>   | <b>AdditionalTeachingSpace</b><br><i>NO - prerequisite update only</i>   |
| <b>EffectonTeachingLoads</b>   | <b>EffectonTeachingLoads</b><br><i>NO - prerequisite update only</i>   |
| <b>EffectonServices</b>  | <b>EffectonServices</b><br><i>NO - prerequisite update only</i>  |
| <b>DirectinkindSupport</b>   | <b>DirectinkindSupport</b><br><i>NO - prerequisite update only</i>   |

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| 19. | New Version of a Course | Geography 3317 - Fluvial Geomorphology |
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### Course Details

| CURRENT VERSION  | PROPOSED VERSION   |
|--|--|
| Geography 3317 - Fluvial Geomorphology<br><b>Start Term:</b> Fall 2013<br><b>End Term:</b> No Specified End Date | Geography 3317 - Fluvial Geomorphology<br><b>Start Term:</b> Fall <del>2013</del> 2014<br><b>End Term:</b> No Specified End Date |

| <u>Course Details</u>   |   |
|---|---|
| CURRENT VERSION   | PROPOSED VERSION  |
| <b>Code</b><br>Geography 3317   | <b>Code</b><br>Geography 3317   |
| <b>Title</b><br>Fluvial Geomorphology   | <b>Title</b><br>Fluvial Geomorphology   |
| <b>Description</b><br>An examination of selected aspects of fluvial processes, sediments and landforms. | <b>Description</b><br>An examination of selected aspects of fluvial processes, sediments and landforms.       |
| <b>End Term</b><br>No Specified End Date  | <b>End Term</b><br>No Specified End Date  |
| <b>Institution</b><br>Lakehead University   | <b>Institution</b><br>Lakehead University   |
| <b>Faculty</b><br>Faculty of Science and Environmental Studies  | <b>Faculty</b><br>Faculty of Science and Environmental Studies  |
| <b>CreditWeight</b><br>0.5  | <b>CreditWeight</b><br>0.5  |
| <b>Rationale</b>  | <b>Rationale</b><br><i>Removal of "and Char of the Department" - old wording that no longer applies.</i>      |
| <b>Requiredor Elective</b>  | <b>Requiredor Elective</b>  |
| <b>Cross List</b><br>Environmental Studies 3317   | <b>Cross List</b><br>Environmental Studies 3317   |
| <b>Offering</b><br>3-0; or 3-0  | <b>Offering</b><br>3-0; or 3-0  |
| <b>Prerequisites</b><br>Geography 2351 or permission of the instructor and Chair of the Department      | <b>Prerequisites</b><br>Geography 2351 or permission of the instructor <del>and Chair of the Department</del> |
| <b>Corequisites</b>   | <b>Corequisites</b>   |



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| <b>Notes</b><br>Open only to students in the third or fourth year of any program except with permission of the instructor and Chair of the Department. | <b>Notes</b><br>Open only to students in the third or fourth year of any program except with permission of the instructor-<br><del>and Chair of the Department.</del> |
| <b>SpecialTopicDropdown</b>  | <b>SpecialTopicDropdown</b>   |
| <b>GradeSchemePF</b>   | <b>GradeSchemePF</b>  |
| <b>EffectonEnrolmentINIT</b>   | <b>EffectonEnrolmentINIT</b><br><i>No - housekeeping only</i>   |
| <b>EffectonEnrolmentOTHER</b>  | <b>EffectonEnrolmentOTHER</b><br><i>No - housekeeping only</i>  |
| <b>AdditionalTeachingSpace</b>   | <b>AdditionalTeachingSpace</b><br><i>No - housekeeping only</i>   |
| <b>EffectonTeachingLoads</b>   | <b>EffectonTeachingLoads</b><br><i>No - housekeeping only</i>   |
| <b>EffectonServices</b>  | <b>EffectonServices</b><br><i>No - housekeeping only</i>  |
| <b>DirectinkindSupport</b>   | <b>DirectinkindSupport</b><br><i>No - housekeeping only</i>   |

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| 20. | New Version of a Course | Geography 3633 - Geography of the Lake Superior Basin |
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### Course Details

| CURRENT VERSION   | PROPOSED VERSION  |
|---|---|
| Geography 3633 - Geography of the Lake Superior Basin<br><b>Start Term:</b> Fall 2012<br><b>End Term:</b> No Specified End Date | Geography 3633 - Geography of the Lake Superior Basin<br><b>Start Term:</b> Fall <del>2012</del> 2014<br><b>End Term:</b> No Specified End Date |

| <u>Course Details</u>  |   |
|--|---|
| CURRENT VERSION  | PROPOSED VERSION  |
| <b>Code</b><br>Geography 3633  | <b>Code</b><br>Geography 3633   |
| <b>Title</b><br>Geography of the Lake Superior Basin   | <b>Title</b><br>Geography of the Lake Superior Basin  |
| <b>Description</b><br>An examination of early formation and glacial features of Lake Superior, travel and commerce, and more recent development based on various resources. Topics in the final weeks focus on recent and current economic developments and issues such as environmental regulation and parkland management. | <b>Description</b><br>An examination of early formation and glacial features of Lake Superior, travel and commerce, and more recent development based on various resources. Topics in the final weeks focus on recent and current economic developments and issues such as environmental regulation and parkland management.  |
| <b>End Term</b><br>No Specified End Date   | <b>End Term</b><br>No Specified End Date  |
| <b>Institution</b><br>Lakehead University  | <b>Institution</b><br>Lakehead University   |
| <b>Faculty</b><br>Faculty of Science and Environmental Studies   | <b>Faculty</b><br>Faculty of Science and Environmental Studies  |
| <b>CreditWeight</b><br>0.5   | <b>CreditWeight</b><br>0.5  |
| <b>Rationale</b>   | <b>Rationale</b><br><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> |

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

### Prerequisites

| CURRENT VERSION                                |   |                | PROPOSED VERSION                               |   |                |
|--|---|----------------|--|---|----------------|
| R1: ...<br>All Course(s) from the following... |   |                | R1: ...<br>All Course(s) from the following... |   |                |
| <b>Code</b>                                    | <b>Title</b>                                  | <b>Credits</b> | <b>Code</b>                                    | <b>Title</b>                                  | <b>Credits</b> |
| Geography 1120                                 | Environmental Issues: A Geographical Approach |                | Geography 1120                                 | Environmental Issues: A Geographical Approach |                |

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|-----|-------------------------|---|
| 21. | New Version of a Course | Geography 4011 - Honours Thesis Preparation |
|-----|-------------------------|---|

### Course Details

| CURRENT VERSION   | PROPOSED VERSION  |
|---|---|
| Geography 4011 - Honours Thesis Preparation<br><b>Start Term:</b> Fall 2012<br><b>End Term:</b> No Specified End Date | Geography 4011 - Honours Thesis Preparation<br><b>Start Term:</b> Fall <del>2012</del> 2014<br><b>End Term:</b> No Specified End Date |

| <u>Course Details</u>   |   |
|---|---|
| CURRENT VERSION   | PROPOSED VERSION  |
| <b>Code</b><br>Geography 4011   | <b>Code</b><br>Geography 4011   |
| <b>Title</b><br>Honours Thesis Preparation  | <b>Title</b><br>Honours Thesis Preparation  |
| <b>Description</b><br>Fall Term. A research project will be chosen after consultation with the department and with the agreement of the professor who will supervise the work. Students are advised to begin this work in the summer before their final year. This first part of the thesis class involves preparation of a literature review and development of a research methods design. Attendance at a number of workshops is required. There will be an oral presentation at the end of the term. Students who are considering applying for graduate school, or who hope to apply Geography in a professional field such as planning or environmental management, are most strongly advised to complete an Honours Thesis. Restricted to students in the fourth year of an Honours Geography program. | <b>Description</b><br>Fall Term. A research project will be chosen after consultation with the department and with the agreement of the professor who will supervise the work. Students are advised to begin this work in the summer before their final year. This first part of the thesis class involves preparation of a literature review and development of a research methods design. Attendance at a number of workshops is required. There will be an oral presentation at the end of the term. Students who are considering applying for graduate school, or who hope to apply Geography in a professional field such as planning or environmental management, are most strongly advised to complete an Honours Thesis. Restricted to students in the fourth year of an Honours Geography program. |
| <b>End Term</b><br>No Specified End Date  | <b>End Term</b><br>No Specified End Date  |
| <b>Institution</b><br>Lakehead University   | <b>Institution</b><br>Lakehead University   |
| <b>Faculty</b><br>Faculty of Science and Environmental Studies  | <b>Faculty</b><br>Faculty of Science and Environmental Studies  |
| <b>CreditWeight</b><br>0.5  | <b>CreditWeight</b><br>0.5  |
| <b>Rationale</b>  | <b>Rationale</b><br><i>Entry clean up - Correction of the permission required - from department to Chair.</i>   |
| <b>Requiredor Elective</b>  | <b>Requiredor Elective</b>  |

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|---|---|
| <b>Cross List</b>   | <b>Cross List</b>   |
| <b>Offering</b>   | <b>Offering</b>   |
| <b>Prerequisites</b><br>Geography 2251 and 2271; or permission of the Department  | <b>Prerequisites</b><br>Geography 2251 and 2271; or permission of the <del>Department</del> Chair   |
| <b>Corequisites</b>   | <b>Corequisites</b>   |
| <b>Notes</b><br>Students in Geography 4011 and 4013 will be expected to bear the costs of any field research required. Restricted to students in the fourth year of an Honours Geography program. | <b>Notes</b><br>Students in Geography 4011 and 4013 will be expected to bear the costs of any field research required. Restricted to students in the fourth year of an Honours Geography program. |
| <b>SpecialTopicDropdown</b>   | <b>SpecialTopicDropdown</b>   |
| <b>GradeSchemePF</b>  | <b>GradeSchemePF</b>  |
| <b>EffectonEnrolmentINIT</b>  | <b>EffectonEnrolmentINIT</b><br><i>No - entry clean up only</i>   |
| <b>EffectonEnrolmentOTHER</b>   | <b>EffectonEnrolmentOTHER</b><br><i>No - entry clean up only</i>  |
| <b>AdditionalTeachingSpace</b>  | <b>AdditionalTeachingSpace</b><br><i>No - entry clean up only</i>   |
| <b>EffectonTeachingLoads</b>  | <b>EffectonTeachingLoads</b><br><i>No - entry clean up only</i>   |
| <b>EffectonServices</b>   | <b>EffectonServices</b><br><i>No - entry clean up only</i>  |
| <b>DirectinkindSupport</b>  | <b>DirectinkindSupport</b><br><i>No entry clean up only</i>   |

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| 22. | New Version of a Course | Geography 4271 - Field Studies |
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### Course Details

| CURRENT VERSION  | PROPOSED VERSION   |
|--|--|
| Geography 4271 - Field Studies<br><b>Start Term:</b> Fall 2012<br><b>End Term:</b> No Specified End Date | Geography 4271 - Field Studies<br><b>Start Term:</b> Fall <del>2012</del> 2014<br><b>End Term:</b> No Specified End Date |

| <u>Course Details</u>   |   |
|---|---|
| CURRENT VERSION   | PROPOSED VERSION  |
| <b>Code</b><br>Geography 4271   | <b>Code</b><br>Geography 4271   |
| <b>Title</b><br>Field Studies   | <b>Title</b><br>Field Studies   |
| <b>Description</b><br>Students participate in a five to seven day excursion or a series of excursions to examine characteristics of both the physical and cultural landscape. Sites visited will vary depending on the central theme chosen for the course. The field component is followed by a classroom component involving identification and assessment of concepts and issues arising from the field excursion, oral presentations and discussions, and the submission of a research essay. | <b>Description</b><br>Students participate in a five to seven day excursion or a series of excursions to examine characteristics of both the physical and cultural landscape. Sites visited will vary depending on the central theme chosen for the course. The field component is followed by a classroom component involving identification and assessment of concepts and issues arising from the field excursion, oral presentations and discussions, and the submission of a research essay. |
| <b>End Term</b><br>No Specified End Date  | <b>End Term</b><br>No Specified End Date  |
| <b>Institution</b><br>Lakehead University   | <b>Institution</b><br>Lakehead University   |
| <b>Faculty</b><br>Faculty of Science and Environmental Studies  | <b>Faculty</b><br>Faculty of Science and Environmental Studies  |
| <b>CreditWeight</b><br>0.5  | <b>CreditWeight</b><br>0.5  |
| <b>Rationale</b>  | <b>Rationale</b><br><i>Change of prerequisite year level to allow more students to register for the course.</i>   |
| <b>Requiredor Elective</b>  | <b>Requiredor Elective</b>  |
| <b>Cross List</b>   | <b>Cross List</b>   |
| <b>Offering</b>   | <b>Offering</b>   |

|  |   |
|--|---|
| <b>Prerequisites</b><br>Completion of the third year of a geography program and permission of the instructor | <b>Prerequisites</b><br>Completion of the <del>third</del> -second year of a geography program and permission of the instructor |
| <b>Corequisites</b>  | <b>Corequisites</b>   |
| <b>Notes</b><br>A fee is assessed to cover travel and accommodation costs.                                   | <b>Notes</b><br>A fee is assessed to cover travel and accommodation costs.  |
| <b>SpecialTopicDropdown</b>  | <b>SpecialTopicDropdown</b>   |
| <b>GradeSchemePF</b>   | <b>GradeSchemePF</b>  |
| <b>EffectonEnrolmentINIT</b>   | <b>EffectonEnrolmentINIT</b><br><i>No - entry clean up only</i>   |
| <b>EffectonEnrolmentOTHER</b>  | <b>EffectonEnrolmentOTHER</b><br><i>No - entry clean up only</i>  |
| <b>AdditionalTeachingSpace</b>   | <b>AdditionalTeachingSpace</b><br><i>No - entry clean up ponly</i>  |
| <b>EffectonTeachingLoads</b>   | <b>EffectonTeachingLoads</b><br><i>No - entry clean up only</i>   |
| <b>EffectonServices</b>  | <b>EffectonServices</b><br><i>No - entry clean up only</i>  |
| <b>DirectinkindSupport</b>   | <b>DirectinkindSupport</b><br><i>No - entry clean up only</i>   |