



Lakehead University
Faculty of Science and Environmental Studies

REQUEST REPORT

Request Tracking Number: 2015-SCI-4684
Request Title: Course changes for Geology Programs

[DeAcTerm[EffectiveDate]] [DeAc[RequestEffectiveDate]]
Request Status: In Workflow
 Request can be split

Request Contents

Type		Title
1.	Discontinued Course	Ore Petrology
2.	New Course	Mineral Deposits I
3.	New Course	Biogeochemistry

Request History

Workflow Step	Workflow Action	User	Change Made	Comments	Date
Initiator	Approved	Kristine Carey	Yes	Submitted to workflow	01/06/2015
Submission Review (Calendar Officer)	Approved	Margaret Anderson (Submission Review)	No	Ready for workflow submission	01/06/2015

Supporting Documents

File Name	Uploaded By	Upload Date	Size
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Supporting Documents Audit Trail

File Name	User	Date	Action
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Notes

Date	User	Note
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1.	Discontinued Course	Geology 3216 - Ore Petrology
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Course Details

Geology 3216 - Ore Petrology Start Term: Fall 2012 End Term: 2014-15
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<u>Course Details</u>
Code Geology 3216
Title Ore Petrology
Description The study of ores and ore minerals to include the following: ore mineralogy, ore textures and their interpretation, significant ore systems. Laboratory work to include hand specimen work, ore microscopy and fluid inclusions.
End Term 2014-15
Institution Lakehead University
Faculty Faculty of Science and Environmental Studies
CreditWeight 0.5
Rationale We are modifying and updating the program to better meet the needs of the students and reflect the state of the art of the science. Material will be covered in new and existing courses.
Requiredor Elective
Cross List
Offering 3-2; or 3-2
Prerequisites Geology 2217
Corequisites

Notes
SpecialTopicDropdown
GradeSchemePF
EffectonEnrolmentINIT no
EffectonEnrolmentOTHER no
AdditionalTeachingSpace no
EffectonTeachingLoads no effect, as adding new course
EffectonServices no
DirectinkindSupport none (see preceding point)

Prerequisites

R1: ...		
All Course(s) from the following...		
Code	Title	Credits
Geology 2217	Mineralogy with Laboratory	

2.	New Course	Geology 3218 - Mineral Deposits I
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Course Details

Geology 3218 - Mineral Deposits I Start Term: 2015-16 End Term: No Specified End Date

<u>Course Details</u>
Code Geology 3218
Title Mineral Deposits I
Description This course explores the characteristics and genesis magmatic and magmatic-hydrothermal mineral deposits. Emphasis will be on NI-Cu-PGE, rare metal, diamond, porphyry and epithermal deposits. Laboratory work will consist of the study of ore suites and other materials from representative deposits.
End Term No Specified End Date
Institution Lakehead University
Faculty Faculty of Science and Environmental Studies
CreditWeight 0.5
Rationale We are updating our program to better reflect changes in the field and provide our students with more relevant courses.
Requiredor Elective Required
Cross List
Offering 3-2; or 3-2
Prerequisites Geology 2215
Corequisites

Notes
SpecialTopicDropdown
GradeSchemePF
EffectonEnrolmentINIT no
EffectonEnrolmentOTHER no
AdditionalTeachingSpace no
EffectonTeachingLoads no effect, we have dropped Glacial Systems 3130 which will now be taught by Geography
EffectonServices none
DirectinkindSupport no

3.	New Course	Geology 4132 - Biogeochemistry
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Course Details

Geology 4132 - Biogeochemistry Start Term: 2015-16 End Term: No Specified End Date
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<u>Course Details</u>
Code Geology 4132
Title Biogeochemistry
Description Biogeochemistry introduces the student to the fundamentals of biogeochemical cycling. Processes and reactions governing elemental cycles in the atmosphere, lithosphere, hydrosphere and biosphere are discussed. Global change is investigated by focusing on chemical, physical, geological, and biological processes that cycle elements through the Earth's system. Topics such as the origin of life, global element cycles, global change, and the global carbon budget will be covered.
End Term No Specified End Date
Institution Lakehead University
Faculty Faculty of Science and Environmental Studies
CreditWeight 0.5
Rationale We are updating our program to better reflect changes in the field and provide our students with more relevant courses.
Requiredor Elective Required
Cross List
Offering 3-2: or 3-2
Prerequisites Chemistry 1110 and 1130; Geology 1110 or 1111 or Environmental Studies 1111 or 1112 and Geology 1130 or 1131 or Environmental Studies 1131 or 1132
Corequisites

Notes
SpecialTopicDropdown
GradeSchemePF
EffectonEnrolmentINIT no
EffectonEnrolmentOTHER no
AdditionalTeachingSpace no
EffectonTeachingLoads no
EffectonServices none
DirectinkindSupport no