



Lakehead University
Faculty of Science and Environmental Studies
 Biology

REQUEST REPORT

Request Tracking Number: 2015-SCI-5239
Request Title: course - modification - GR - Biology - change to 5650

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

Request Contents

Type	Title
1. New Version of a Course	Advanced Issues in Biotechnology

Request History

Workflow Step	Workflow Action	User	Change Made	Comments	Date
Initiator	Approved	Ladislav Malek	Yes	Submitted to workflow	10/01/2015
Submission Review (Academic & Curriculum Development Coordinator)	Approved	submission review	No	Approved	10/02/2015

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	Biology 5650 - Advanced Issues in Biotechnology
----	-------------------------	---

Course Details

CURRENT VERSION	PROPOSED VERSION
Biology 5650 - Advanced Issues in Biotechnology Start Term: Fall 2012 End Term: No Specified End Date	Biology 5650 - Advanced Issues in Biotechnology Start Term: Fall 2012 2016-17 End Term: No Specified End Date

<u>Course Details</u>	
CURRENT VERSION	PROPOSED VERSION
Code Biology 5650	Code Biology 5650
Title Advanced Issues in Biotechnology	Title Advanced Issues in Biotechnology
Description Graduate students will critically evaluate published materials and lead discussions of current technical and ethical issues in biotechnology: plant biotechnology and genetically modified foods, mammalian cloning, reproductive technologies, gene therapies, drug development and approval processes, implications of cloning to biodiversity and lateral gene flow, bioremediation using cloned organisms. Emphasis will be placed on the interpretation and simplification of scientific information for general audience.	Description Graduate students will critically evaluate published materials and lead discussions of current technical and ethical issues in <i>industrial</i> biotechnology :-with emphasis on plant biotechnology and genetically modified foods, mammalian cloning, reproductive technologies, gene therapies, implications of interspecies gene transfer, plant-derived drug development and approval processes ,-implications of cloning to biodiversity and lateral gene flow,- bioremediation using cloned organisms. Emphasis- <i>Some emphasis</i> will be placed on the interpretation and simplification- <i>presentation</i> of scientific information for general audience.
End Term No Specified End Date	End Term No Specified End Date
Institution Lakehead University	Institution Lakehead University
Faculty Faculty of Science and Environmental Studies	Faculty Faculty of Science and Environmental Studies
CreditWeight 0.5	CreditWeight 0.5
Rationale	Rationale <i>Newly required course in proposed MIBiotech program. It will remain an optional course for Biology MSc students.</i>
Requiredor Elective	Requiredor Elective Required
Cross List	Cross List

	<i>BIOT 5650</i>
Offering 1-0; 1-0	Offering 4-3-0 ; 1-0
Prerequisites	Prerequisites <i>None</i>
Corequisites	Corequisites <i>None</i>
Notes	Notes
SpecialTopicDropdown	SpecialTopicDropdown
GradeSchemePF	GradeSchemePF Other
EffectonEnrolmentINIT	EffectonEnrolmentINIT <i>No. The course is only for students in Biology programs, specifically the newly proposed MIBiotech.</i>
EffectonEnrolmentOTHER	EffectonEnrolmentOTHER <i>No. The course is only for students in Biology programs, specifically the newly proposed MIBiotech.</i>
AdditionalTeachingSpace	AdditionalTeachingSpace <i>See budget details in proposed MIBiotech program.</i>
EffectonTeachingLoads	EffectonTeachingLoads <i>Only additional resources will be made available by the self-funding program.</i>
EffectonServices	EffectonServices <i>None, existing resources are sufficient, provided library journal subscriptions remain at current levels.</i>
DirectinkindSupport	DirectinkindSupport <i>Yes, as per attached MIBiotech program proposal brief.</i>