



Lakehead University
Faculty of Science and Environmental Studies

REQUEST REPORT

Request Tracking Number: 2015-SCI-4732
Request Title: changes to HBASC.ENVS.CP

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

Request Contents

Type	Title
1. New Version of a Degree	Honours BAsc (Environmental Sustainability Major) Co-op Option

Request History

Workflow Step	Workflow Action	User	Change Made	Comments	Date
Initiator	Approved	Carolyn Rimkey	Yes	Submitted to workflow	01/12/2015

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.	New Version of a Degree	HBASC.ENVS.CP - Honours BAsC (Environmental Sustainability Major) Co-op Option
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Degree Details

CURRENT VERSION	PROPOSED VERSION
HBASC.ENVS.CP - Honours BAsC (Environmental Sustainability Major) Co-op Option Start Term: 2014-15 End Term: No Specified End Date	HBASC.ENVS.CP - Honours BAsC (Environmental Sustainability Major) Co-op Option Start Term: 2014 2015-15 16 End Term: No Specified End Date

<u>Required Information</u>	
CURRENT VERSION	PROPOSED VERSION
Institution Unit Faculty of Science and Environmental Studies	Institution Unit Faculty of Science and Environmental Studies
Degree Type HBASC	Degree Type HBASC
Major ENVS	Major ENVS
Minor	Minor
Specialization	Specialization
Rationale 1) This program already has at least 3FCEs Area 1 courses built into its set of required courses. This satisfies the Area requirements for the program (Academic regulations 4). Therefore, specifying Area 1 as elective is not necessary. On the contrary, removing the Area restriction will give students more options for their electives. This will be a welcome change for students as they have only 4.5 FCE elective choices. Our preference to leave the wording "Indigenous Learning recommended" is to preserve the option for any aboriginal content in the program that students might enjoy. 2)A GIS course is a must in pretty much all angles of the Environmental Sciences. It offers wider options for students in their future careers. A variety of fields such as forest management, urban planning, engineering, municipal management, business etc. consider GIS as an essential tool. Further, students will have an opportunity to steer their course selection to get a certificate in GIS which would provide them with better employability. Geography 3251 (*Geography 2xxx) will be added as an option in the same category as NRMT 2270. These courses are similar in content. GIS includes much more applications than what is covered in NRMT 2270 which is specific to forestry	1) This program already has at least 3FCEs Area 1 courses built into its set of required courses. This satisfies the Area requirements for the program (Academic regulations 4). Therefore, specifying Area 1 as elective is not necessary. On the contrary, removing the Area restriction will give students more options for their electives. This will be a welcome change for students as they have only 4.5 FCE elective choices. Our preference to leave the wording "Indigenous Learning recommended" is to preserve the option for any aboriginal content in the program that students might enjoy. 2)A GIS course is a must in pretty much all angles of the Environmental Sciences. It offers wider options for students in their future careers. A variety of fields such as forest management, urban planning, engineering, municipal management, business etc. consider GIS as an essential tool. Further, students will have an opportunity to steer their course selection to get a certificate in GIS which would provide them with better employability. Geography 3251 (*Geography 2xxx) will be added as an option in the same category as NRMT 2270. These courses are similar in content. GIS includes much more applications than what is covered in NRMT 2270 which is specific to forestry

<p>applications.</p>	<p><i>applications. Some housekeeping changes due to the creation of the new department and moving HBASc Environmental Sustainability program from the Dept. of IS.2. Creating new courses matching the expertise of current faculty.3. Replacing some existing courses with the proposed new courses to make the program more comprehensive at the same time not affecting the balance of electives/ mandatory courses much.</i></p>
<p>Requirements</p> <p>Five Year program Continuation in the Co-op Option will be contingent on maintaining an overall average of 70% in each term. A Co-op student who obtains less than a 70% average for the course work of any term or who fails any course may be placed on probation for the following academic term. A student who does not remove the probationary standing by the end of the next academic term will be dismissed from the Co-op Option. A Co-op student who fails the year will be dismissed from the Co-op Option. Work term credits are not applicable towards the completion of the non co-op HBASc Environmental Sustainability degree.</p> <p>Graduation from the Co-operative Option of the HBASc in Environmental Sustainability requires, in addition to all academic requirements, satisfactory completion of Environmental Sustainability 1913, 2913, 3913 and 4913 (see course descriptions for further details). Students unable to complete all co-op placements will graduate with a non co-op degree.</p> <p>Students in the Co-op Option are not guaranteed work term positions. Placements are posted in the Employment and Co-operative Education Centre; students must apply. Employers make decisions on a competitive basis.</p> <p>First Year (Term 1 Fall and Term 2 Winter):</p> <ul style="list-style-type: none"> (a) Interdisciplinary Studies 1010 (b) Environmental Sustainability 1033 (c) Biology 1110 and 1130 (d) Natural Resources Management 1010 (e) Geography 1120 (f) Geology 1130 (g) Mathematics 0210 (h) One half-course elective (Indigenous Learning 1314 recommended) <p>Second Year (Term 3 Fall and Term 4 Winter):</p> <ul style="list-style-type: none"> (a) Environmental Sustainability 2033 (b) Biology 2210 and 2711 (c) Chemistry 2610 (d) Economics 2212 (e) Natural Resources Management 2054/Indigenous Learning 2054 (f) Natural Resources Management 2270 or Geography 2232 (g) Geography 2331 and either Geography 2351 or 3313 (g) Philosophy 2013 	<p>Requirements</p> <p>Five Year program Continuation in the Co-op Option will be contingent on maintaining an overall average of 70% in each term. A Co-op student who obtains less than a 70% average for the course work of any term or who fails any course may be placed on probation for the following academic term. A student who does not remove the probationary standing by the end of the next academic term will be dismissed from the Co-op Option. A Co-op student who fails the year will be dismissed from the Co-op Option. Work term credits are not applicable towards the completion of the non co-op HBASc Environmental Sustainability degree.</p> <p>Graduation from the Co-operative Option of the HBASc in Environmental Sustainability requires, in addition to all academic requirements, satisfactory completion of Environmental Sustainability 1913, 2913, 3913 and 4913 (see course descriptions for further details). Students unable to complete all co-op placements will graduate with a non co-op degree.</p> <p>Students in the Co-op Option are not guaranteed work term positions. Placements are posted in the Employment and Co-operative Education Centre; students must apply. Employers make decisions on a competitive basis.</p> <p>First Year (Term 1 Fall and Term 2 Winter):</p> <p>(a) Interdisciplinary Studies 1010(b) Environmental Sustainability 1033</p> <p>(strong>eb) Biology 1110 and 1130</p> <p>(strong>ec) Natural Resources Management 1010</p>

Second Year (Term 5 Spring/Summer):

(a) Environmental Sustainability 1913 (Co-op Work Term)

Third Year (Term 6 Fall):

(a) Environmental Sustainability 3013, 3033 and 3053
(b) Interdisciplinary Studies 4010
(c) Biology 3610

Third Year (Term 7 Winter):

(a) Environmental Sustainability 3073
(b) Political Science 3332
(c) One and one-half FCE electives

Third Year (Term 8 Spring/Summer):

(a) Environmental Sustainability 2913 (Co-op Work Term)

Fourth Year (Term 9 Fall):

(a) Environmental Sustainability 3913 (Co-op Work Term)

Fourth Year (Term 10 Winter):

(a) Interdisciplinary Studies 4033
(b) Biology 4711
(c) One and one-half FCE electives

Fifth Year (Term 11 Fall):

(a) Environmental Sustainability 4013
(b) Environmental Sustainability 4110
(c) Geography 3471
(d) One FCE electives

Fifth Year (Term 12 Winter):

(a) Environmental Sustainability 4913 (Co-op Work Term)

(~~ed~~) Geography 1120

(~~fe~~) Geology 1130

(~~gf~~) Mathematics 0210

(g) *Chemistry 2610*

(h) One half-course elective (Indigenous Learning ~~1314~~ recommended)

Second Year (~~Term 3 Fall and Term 4 Winter~~):

(a) Environmental Sustainability 2033

(b) Biology 2210 and 2711

(c) ~~Chemistry 2610(d)~~ Economics 2212

(~~ed~~) Natural Resources Management 2054/Indigenous Learning 2054

(~~fe~~) ~~Natural Resources Management 2270 or~~ Geography 2232

(~~gf~~) Geography 2331 *or Environmental Sustainability 2xxx* and either Geography 2351 or 3313

(g) ~~Philosophy 2013~~ *One FCE elective*

Second Year (Term 5 Spring/Summer):

(a) Environmental Sustainability 1913 (Co-op Work Term)

Third Year (Term 6 Fall):

(a) Environmental Sustainability 3013, 3033 and 3053

(b) ~~Interdisciplinary Studies~~ *Environmental Sustainability 4010*

(c) Biology 3610

Third Year (Term 7 Winter):

(a) Environmental Sustainability 3073

(b) ~~Political Science 3332~~ *Environmental Sustainability 3xxx*

(c) One and one-half FCE electives

Third Year (Term 8 Spring/Summer):

(a) Environmental Sustainability 2913 (Co-op Work Term)

Fourth Year (Term 9 Fall):

(a) Environmental Sustainability 3913 (Co-op Work Term)

Fourth Year (Term 10 Winter):

(a) ~~Interdisciplinary Studies~~ *Environmental*

	<p><i>Sustainability</i> 4033 (b) Biology 4711 (c) One and one-half <i>Environmental Sustainability</i> 4xxx</p> <p>(d) <i>One</i> FCE electives</p> <p>Fifth Year (Term 11 Fall): (a) Environmental Sustainability 4013 (b) Environmental Sustainability 4110 (c) Geography 3471 (d) One FCE electives</p> <p>Fifth Year (Term 12 Winter): (a) Environmental Sustainability 4913 (Co-op Work Term)</p>
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<u>Budgetary Considerations</u>	
CURRENT VERSION	PROPOSED VERSION
Student Enrolment	Student Enrolment <i>no</i>
Student Enrolment Other Units	Student Enrolment Other Units <i>no</i>
Additional Resources	Additional Resources <i>no</i>
Teaching Loads	Teaching Loads <i>no</i>
TeachingSupport Services	TeachingSupport Services <i>no</i>
Outside Support	Outside Support <i>no</i>