



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

**REQUEST REPORT**

**Request Tracking Number:** 2014-SCI-3001  
**Request Title:** HBES Geography HBESc Earth Science Minor Changes

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

**Request Contents**

Type	Title
1. New Version of a Degree	Honours Bachelor of Environmental Studies (Geography Major)
2. New Version of a Degree	Honours Bachelor of Environmental Science (Earth Science Major)

**Request History**

Workflow Step	Workflow Action	User	Change Made	Comments	Date
Initiator	Approved	Christina Maenpaa	Yes	Submitted to workflow	01/20/2014
Dean and Faculty Council Review Stage	Approved	Christina Maenpaa	No	Approved at the Faculty of Science Council Meeting. Approved by Andrew Dean.	01/20/2014

**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
01/07/2014	Christina	Minor changes to be consistent with updates.

	Maenpaa	
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1.	New Version of a Degree	HBES.GEOG - Honours Bachelor of Environmental Studies (Geography Major)
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**Justification**

Minor Changes required to be consistent with updates.

**Degree Details**

CURRENT VERSION	PROPOSED VERSION
HBES.GEOG - Honours Bachelor of Environmental Studies (Geography Major) <b>Start Term:</b> Fall 2013 <b>End Term:</b> No Specified End Date	HBES.GEOG - Honours Bachelor of Environmental Studies (Geography Major) <b>Start Term:</b> <del>Fall 2013</del> F-W 2014-15 <b>End Term:</b> No Specified End Date

<b><i>Required Information</i></b>	
CURRENT VERSION	PROPOSED VERSION
<b>Institution Unit</b> Faculty of Science and Environmental Studies	<b>Institution Unit</b> Faculty of Science and Environmental Studies
<b>Degree Type</b> HBES	<b>Degree Type</b> HBES
<b>Major</b> GEOG	<b>Major</b> GEOG
<b>Minor</b>	<b>Minor</b>
<b>Specialization</b>	<b>Specialization</b>
<b>Rationale</b> #2012-SCI-296 (replace ENST 1120 with ENST 1140) (referred 18Jan2013 and approved 25Apr2013) plus #2012-SCI-242 (discontinue ENST4800) and #2012-SCI-243 (add new ENST 4810) (referred 18Jan2013 and approved 22Mar2013) plus #2012-SCI-293 (add new WATE 3094) (referred 18Jan2013 and approved 25Apr2013). Associated program changes to HBES (Geography Major).	<b>Rationale</b> #2012-SCI-296 (replace ENST 1120 with ENST 1140) (referred 18Jan2013 and approved 25Apr2013) plus #2012-SCI-242 (discontinue ENST4800) and #2012-SCI-243 (add new ENST 4810) (referred 18Jan2013 and approved 22Mar2013) plus #2012-SCI-293 (add new WATE 3094) (referred 18Jan2013 and approved 25Apr2013). Associated program changes to HBES (Geography Major).
<b>Requirements</b>  Four Year program  <b>First Year:</b> (a) Environmental Studies 1140 (b) One FCE from: Biology, Chemistry, Geology, Physics (c) One FCE from History, Indigenous Learning, Philosophy	<b>Requirements</b>  Four Year program  <b>First Year:</b> (a) Environmental Studies 1140 (b) One FCE from: Biology, Chemistry, Geology, Physics (c) One FCE from History, Indigenous Learning,

<p>(d) One FCE from: Economics, Political Science, Sociology (e) One FCE from English 1011, 1031, 1111, 1112</p> <p><b>Second Year:</b> (a) Environmental Studies 2013 and 2210 (b) One FCE Environmental Studies elective (Science or Arts Stream) (c) Geography 2211, 2251, 2271, 2331, 2351 (d) Geography 2511 or 2811</p> <p><b>Third Year:</b> (a) Environmental Studies 3094 (b) One FCE Environmental Studies elective (Arts Stream) (c) One half-course Environmental Studies elective (Science or Arts Stream) (d) Geography 3251 or 3253 (e) Two FCEs in Geography at the third year level (excluding Geography 3291 and 3292) (f) One half-course elective</p> <p><b>Fourth Year:</b> (a) Environmental Studies 4810 (b) Three FCEs in Geography at the fourth year level (c) One and one-half FCE electives</p>	<p>Philosophy (d) One FCE from: Economics, Political Science, Sociology (e) One FCE from English 1011, 1031, 1111, 1112</p> <p><b>Second Year:</b> (a) Environmental Studies 2013 and 2210 (b) One FCE Environmental Studies elective (Science or Arts Stream) (c) Geography 2211, 2251, 2271, 2331, 2351 (d) Geography 2511 or 2811</p> <p><b>Third Year:</b> (a) Environmental Studies 3094 (b) One FCE Environmental Studies elective (Arts Stream) (c) One half-course Environmental Studies elective (Science or Arts Stream) (d) Geography 3251 or 3253 (e) Two FCEs in Geography at the third year level (<del>excluding Geography 3291 and 3292</del>) (f) One half-course elective</p> <p><b>Fourth Year:</b> (a) Environmental Studies 4810 (b) Three FCEs in Geography at the fourth year level (c) One and one-half FCE electives</p>
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<b><u>Budgetary Considerations</u></b>	
<b>CURRENT VERSION</b>	<b>PROPOSED VERSION</b>
<b>Student Enrolment</b>	<b>Student Enrolment</b> <i>No. This is only a minor change.</i>
<b>Student Enrolment Other Units</b>	<b>Student Enrolment Other Units</b> <i>No. This is only a minor change.</i>
<b>Additional Resources</b>	<b>Additional Resources</b> <i>No. This is only a minor change.</i>
<b>Teaching Loads</b>	<b>Teaching Loads</b> <i>No. This is only a minor change.</i>
<b>TeachingSupport Services</b>	<b>TeachingSupport Services</b> <i>No. This is only a minor change.</i>
<b>Outside Support</b>	<b>Outside Support</b> <i>No. This is only a minor change.</i>

2.	New Version of a Degree	HBESC.EART - Honours Bachelor of Environmental Science (Earth Science Major)
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**Justification**

Minor Changes required to be consistent with updates.

**Degree Details**

CURRENT VERSION	PROPOSED VERSION
HBESC.EART - Honours Bachelor of Environmental Science (Earth Science Major) <b>Start Term:</b> Fall 2013 <b>End Term:</b> No Specified End Date	HBESC.EART - Honours Bachelor of Environmental Science (Earth Science Major) <b>Start Term:</b> <del>Fall 2013</del> F-W 2014-15 <b>End Term:</b> No Specified End Date

<b><i>Required Information</i></b>	
CURRENT VERSION	PROPOSED VERSION
<b>Institution Unit</b> Faculty of Science and Environmental Studies	<b>Institution Unit</b> Faculty of Science and Environmental Studies
<b>Degree Type</b> HBESC	<b>Degree Type</b> HBESC
<b>Major</b> EART	<b>Major</b> EART
<b>Minor</b>	<b>Minor</b>
<b>Specialization</b>	<b>Specialization</b>
<b>Rationale</b> #2012-SCI-242 (discontinue ENST4800) and #2012-SCI-243 (add new ENST 4810) (referred 18Jan2013 and approved 22Mar2013) plus #2012-SCI-293 (add new WATE 3094) (referred 18Jan2013 and approved 25Apr2013). Associated program changes to HBESc (Earth Science Major).	<b>Rationale</b> #2012-SCI-242 (discontinue ENST4800) and #2012-SCI-243 (add new ENST 4810) (referred 18Jan2013 and approved 22Mar2013) plus #2012-SCI-293 (add new WATE 3094) (referred 18Jan2013 and approved 25Apr2013). Associated program changes to HBESc (Earth Science Major).
<b>Requirements</b>  Four Year program  <b>First Year:</b> (a) Environmental Studies 1120 (b) Geology 1111 and 1131 (c) Chemistry 1110 and 1130 (or Chemistry 1050/1070 if no Gr. 12 U - see note below) (d) Mathematics 1210 and 1230 or 1151 and 1152 or 1171 and 1172	<b>Requirements</b>  Four Year program  <b>First Year:</b> (a) Environmental Studies 1120 (b) Geology 1111 and 1131 (c) Chemistry 1110 and 1130 (or Chemistry 1050/1070 if no Gr. 12 U - see note below) (d) Mathematics 1210 and 1230 or 1151 and 1152 or 1171 and 1172 (e) English 1011 and 1031

<p>(e) English 1011 and 1031</p> <p><b>Notes:</b>  <b>1. Chemistry</b>  Students who lack Gr. 12 U Chemistry or its equivalent must register for Chemistry 1050 and 1070. After successful completion of Chemistry 1050/1070, one of the following will apply:  (a) In Year 2, Chemistry 1110 and 1130 are taken as electives  (b) If the final mark in Chemistry 1050/1070 is 80% or higher, the Department may waive the Chemistry 1110/1130 requirement.</p> <p><b>2. Mathematics</b>  Students who lack high school MHF4U (Advanced Functions) or its equivalent must register for Mathematics 1051 and 1077. Mathematics 1210 and 1230 or 1151 and 1152 or 1171 and 1172 is taken in Year 2.</p> <p><b>Second Year:</b>  (a) Biology 1110 and 1130  (c) Geology 2214, 2215, 2217, 2219, 2310, 2318  (d) Physics 1101 or Physics 1113 and 1133</p> <p><b>Third Year:</b>  (a) Environmental Studies 2013, 2210, 2610, 3094  (b) Geology 2112, 3310, 3410  (c) Geography 2351  (d) Mathematics 2310 and 2311</p> <p><b>Fourth Year:</b>  (a) Environmental Studies 4810  (b) Geology 3110, 3130, 3311, 4011, 4137, 4161, 4181</p>	<p><b>Notes:</b>  <b>1. Chemistry</b>  Students who lack Gr. 12 U Chemistry or its equivalent must register for Chemistry 1050 and 1070. After successful completion of Chemistry 1050/1070, one of the following will apply:  (a) In Year 2, Chemistry 1110 and 1130 are taken as electives  (b) If the final mark in Chemistry 1050/1070 is 80% or higher, the Department may waive the Chemistry 1110/1130 requirement.</p> <p><b>2. Mathematics</b>  Students who lack high school MHF4U (Advanced Functions) or its equivalent must register for Mathematics 1051 and 1077. Mathematics 1210 and 1230 or 1151 and 1152 or 1171 and 1172 is taken in Year 2.</p> <p><b>Second Year:</b>  (a) Biology 1110 and 1130  (c) Geology 2214, 2215, 2217, 2219, 2310, 2318  (d) Physics 1101 or Physics 1113 and 1133</p> <p><b>Third Year:</b>  (a) Environmental Studies 2013, 2210, 2610, 3094  (b) Geology 2112, 3310, 3410  (c) Geography 2351  (d) Mathematics 2310 and 2311</p> <p><b>Fourth Year:</b>  (a) Environmental Studies 4810  (b) Geology 3110, 3130, 3311, 4011, 4137, <del>4161,</del>  <del>4181</del>  4181</p> <p><i>(c) One FCE Elective</i></p>
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<b><u>Budgetary Considerations</u></b>	
<b>CURRENT VERSION</b>	<b>PROPOSED VERSION</b>
<b>Student Enrolment</b>	<b>Student Enrolment</b> <i>No. Only a minor change.</i>
<b>Student Enrolment Other Units</b>	<b>Student Enrolment Other Units</b> <i>No. Only a minor change.</i>
<b>Additional Resources</b>	<b>Additional Resources</b> <i>No. Only a minor change.</i>
<b>Teaching Loads</b>	<b>Teaching Loads</b> <i>No. Only a minor change.</i>

<b>TeachingSupport Services</b>	<b>TeachingSupport Services</b> <i>No. Only a minor change.</i>
<b>Outside Support</b>	<b>Outside Support</b> <i>No. Only a minor change.</i>