



LAKEHEAD UNIVERSITY
FACULTY OF SCIENCE AND ENVIRONMENTAL STUDIES
SUSTAINABILITY SCIENCES

CHANGE REQUEST REPORT

Change Request Tracking Number: 2022-SCI-8109

Title of Change Request: Minor in Sustainability

Status of Change Request: In Workflow

Change Request can't be split

CHANGE REQUEST CONTENTS

#	Type	Title
1.	New Version of a Degree	Minor in Sustainability

CHANGE REQUEST HISTORY

Workflow Stage	Action Type	Action Taken By	Change Made	Action Rationale	Date
Initiator	Approved	Nandakumar Kanavillil	Yes	Submitted to workflow	10/18/2022, 07:01 PM
Submission Review (Deputy Provost)	Relegated	Deputy Provost	No	As per discussions with the Sustainability Coordinator and the Academic Working group, changes to the core Sustainability courses and additions to the elective package are to be made and letters of support to be added.	01/30/2023, 03:07 PM
Initiator	Approved	Nandakumar Kanavillil	Yes	Changes to the core Sustainability courses made. Elective lists updated. Letters of support uploaded.	03/29/2023, 07:56 AM
Submission Review (Deputy Provost)	Approved	Deputy Provost	No	In correct workflow.	04/06/2023, 07:14 AM
Advisory Panel Review	Relegated	Deputy Provost	No	Relegated at the request of the Initiator.	04/06/2023, 07:15 AM
Initiator	Cancelled	Nandakumar Kanavillil	Yes	Need to cancel to make edits	04/17/2023, 02:45 PM
Initiator	Approved	Nandakumar Kanavillil	Yes	Submitted to workflow	04/21/2023, 02:35 PM
Submission Review (Deputy Provost)	Approved	Deputy Provost	No	In correct workflow.	04/21/2023, 04:13 PM
Advisory Panel Review	Approved	Administrative Assistant to Provost & VP (Academic)	No	The Advisory Review Panel met on June 26, 2023 and had no concerns with this request.	06/26/2023, 03:38 PM
Dean and Faculty Council Review Stage	Approved	SES Admin	No	Approved at FSES Faculty Council Meeting Friday, April 28, 2023.	08/23/2023, 11:12 AM

SUPPORTING DOCUMENTS

File Name	Uploaded By	Upload Date	Size
Devon Lee- Letter of Support for Sustainability Minor.pdf	Nandakumar Kanavillil	04/14/2023, 09:26 AM	166 KB

Minor in Sustainability Proposal Brief_March 29.pdf	Nandakumar Kanavillil	04/14/2023, 09:26 AM	265 KB
Support letter for Minor in Sustainability- SES Acting Dean Kurissery.pdf	Nandakumar Kanavillil	04/14/2023, 09:26 AM	148 KB
Sustainability Minor support letter - Faculty of Education.pdf	Nandakumar Kanavillil	04/14/2023, 09:26 AM	151 KB
Sustainability Minor support letter - SSH Dean.pdf	Nandakumar Kanavillil	04/14/2023, 09:26 AM	68.5 KB

SUPPORTING DOCUMENTS AUDIT TRAIL

File Name	User	Date	Action
Devon Lee- Letter of Support for Sustainability Minor.pdf	Nandakumar Kanavillil	03/29/2023, 07:46 AM	Uploaded
Minor in Sustainability Proposal Brief_March 29.pdf	Nandakumar Kanavillil	03/29/2023, 07:42 AM	Uploaded
Support letter for Minor in Sustainability- SES Acting Dean Kurissery.pdf	Nandakumar Kanavillil	03/29/2023, 07:46 AM	Uploaded
Sustainability Minor support letter - Faculty of Education.pdf	Nandakumar Kanavillil	03/29/2023, 07:46 AM	Uploaded
Sustainability Minor support letter - SSH Dean.pdf	Nandakumar Kanavillil	03/29/2023, 07:46 AM	Uploaded

CHANGE REQUEST COMMENTS

None.

1.	New Version of a Degree	Minor in Sustainability
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Justification
 In an effort to widen the availability of educational opportunities in sustainability across Lakehead University and to promote more diverse pedagogical perspectives, the Department of Sustainability Sciences working closely with the Office of Sustainability is proposing a Minor in Sustainability that is intended to reach the entire Lakehead student body interested in sustainability regardless of their disciplinary focus.

DEGREE DETAILS

MAJOR MODIFICATION TO A PROGRAM FORM.

NOTE TO USER about Quality Assurance requirements:

Visit this link to learn about the proposal requirements and the process for review and approval for Major Modifications to Programs.

Select the type of major modification you are making:

- Minor

The following is information that is displayed in the University Calendar

Title of Program: Minor in Environmental Sustainability**Program Requirements:**

A Minor in Environmental Sustainability will consist of a minimum overall average of 60% in four-three (43) FCEs of which one FCE represents two foundational courses and two FCEs are elective courses different from and in addition to the courses in the student's major; however, only courses outside the major can be counted towards a minor. A Minor in Environmental Sustainability will include:

Year 1

(a) ~~Environmental Sustainability 1033~~ ENSU 1050 Introduction to Sustainability

(b) ~~Geography 1150 and 2351 or Biology 1110 and 1130~~ (c) ~~Environmental Sustainability 2033~~ (d) ~~One half FCE from: Biology 2210/Environmental Studies 2210, Biology 2711, Geography 2331/Environmental Studies 2331, Chemistry 2610, Environmental Sustainability 2111~~ (e) ~~Environmental Sustainability 3053~~ (f) ~~One FCE from: Environmental Sustainability 3013, 3111, 3033, 3073, Biology 3610/Environmental Studies 3610, Geography 3471/Environmental Studies 3471, Environmental Sustainability 4013, Environmental Sustainability 4110, 4111, Biology 4711~~ ENSU 4050 Sustainability in Action

Year 2

(a) **1.0 FCE from Group A electives (select from list of options in Sciences)**

ENSU 1033 Introduction to Environmental Sustainability

ENSU 2033 Inquiry into Environmental Methods

ENSU 2111 Foundations of Environmental Thoughts and Policy

ENSU 3073 Environmental Biotechnology

ENSU 3112 Bioremediation

ENSU 3113 Biomonitoring of Environment

ENSU 3033 Aquatic Resources Planning and Management

ENSU 3053 Inquiry into Environmental Conservation

ENSU 4010 Seminar in Environmental Sustainability

ENSU 4033 Research in Environmental Sustainability

ENSU 4110 Freshwater Ecology

ENSU 4111 Materials, Manufacturing and Waste

ENSU 4810 Issues in Environmental Sustainability

GEOG/ENST 1150/1170 (lab) The Environment

GEOG/ENST 1190 Indigenous Knowledge, Science and the Environment

GEOG 3331 Environmental Climatology

GEOG 3411 Resource Management and Sustainability

GEOG 4351 Global Climate Change

GEOG 4771 Sustainable Communities

BIO/ENST 4470 Global Change Biology

GEOG 3331 Energy and Sustainability

GEOG 3471 Environmental Assessment and Management

GEOG 4411 Water Resources Management.

KINE 1113 Principles of Health: A Personal Wellness
Perspective

**(b) 1.0 FCE from Group B electives (select from list of
options in Social Sciences and Humanities)**

ENGL 3012 Environmental Writing

ENGL 3954 Ecocriticism

ENGL 4017 Honours Seminar in Ecocriticism

HIST 3718 Global Environmental History

HIST 4713 Imperialism and the Environment

INDI 1100: Introduction to Indigenous Learning

INDI 2317: A Critical Approach to Community

INDI 2311: Settler Colonialism in Global Contexts

INDI 2312: Indigenous Peoples in the North

INDI 2318: Social Economy and Community Economic Development

INDI 2331: Comparative Community Development

INDI 2433: Indigenous Peoples and the Government

INDI 2713: Critical Approaches to Health and Well-Being

INDI 3235: Indigenous Peoples and Self-Determination
(Prerequisite: INDI 1100)

INDI 3311: Indigenous Peoples and Community (Prerequisite:
INDI 1100)

INDI 3612: Gender, Colonialism, and Health (Prerequisite:
INDI 1100)

INDI 4011: Climate Disruption, Sustainability, and
Health (Prerequisite: INDI 1100)

INTD 1013 Environment in Politics and Culture Inquiry

INTD 3013 Topics in Environment in Politics and Culture

INTD 4823 Capstone Research in Environment in Politics and
Culture

SOCI 2113 Environmental Sociology

SOCI 2817 Sociology of the North

SOCI/WOME 3115 Food, Gender & Health

SOCI 4012 Community Transitions

SOCI 4013 Food Security in Rural and Northern Communities
 SOCI 4517 Society, Culture and Nature
 NORT 3312 Contemporary Issues 2
 OUTD 1150 Land Relations
 OUTD 2755 Natural Areas and Tourism
 OUTD 3310 Healthy Parks Healthy People
 OUTD 3733 Community Tourism Planning
 OUTD 4170 Private Land Stewardship
 OUTD XXXX: Climate Change and Sustainability in Tourism
 PHIL 2013 Environmental Philosophy
 WOME 2114 Ecofeminism
 WOME 2119 Indigenous Feminisms
 WOME 2711 Women's Actions for Social Change
 SOCI/WOME 3115 Food, Gender & Health

The following is information for Committee Review

Program Code: MINOR. ENSU

Calendar Start Term. When this change should be displayed in the Calendar: ~~2016~~2023-1724

Calendar End Term. When is the last calendar year this should be displayed?: No Specified End Date Use No Specified End date unless you are removing it from the calendar.

Faculty or Institution

Unit:

- Lakehead University
- Faculty of Science and Environmental Studies

Academic Level: Undergraduate

Total number of credits for the degree: 3.00

Transcript Title of Program: Minor in Sustainability

Degree Type:

This major modification may require a proposal brief. See link above for more information. If applicable, indicate if your proposal brief is attached:

- Yes

In order to attach the Proposal Brief, save your work first and then scroll to the top and select Supporting Documentation tab.

Pedagogical rationale for this proposal. Why are you submitting this request?:

~~a) Complying with the changes Geography department is proposing regarding Geog 1120 b) Updating course lists to reflect the changes made in the major last year.~~ This proposed minor in Sustainability will be hosted in the Department of Sustainability Sciences. The Department's educational focus is firmly rooted in the vision and mission statements of Lakehead University. The most recent academic plan of Lakehead University (2019-2024) seeks to promote academic strategies that focus on the delivery of high quality programs across the university, which include innovative and cross-disciplinary degree programs that embed experiential learning opportunities and reflect Lakehead's commitment to social and environmental justice, sustainability, interdisciplinary collaboration, and applied learning. Since its inception in 2014, the Department of Sustainability Sciences sought to promote interdisciplinary studies in environmental sustainability that adopted a student-centered learning process and inquiry-based pedagogical practices. To serve a diverse student community, the Department of Sustainability Sciences built on these principles and founded various programs under the umbrella of HBASc in Environmental Sustainability major. However, these programs are available only at the Orillia and Barrie campuses. In an effort to widen the availability of educational opportunities in sustainability across Lakehead University and to promote more diverse pedagogical perspectives, the Department of Sustainability Sciences working closely with the Office of Sustainability is proposing a Minor in Sustainability that is intended to reach the entire Lakehead student body interested in sustainability regardless of their disciplinary focus. Through its delivery (inter-faculty teams) and content (large selection of elective courses), the new Minor in Sustainability uses a social-environmental systems approach that transcends disciplinary boundaries and incorporates diverse worldviews in a pluralistic, inclusive way.

Associated Changes - List all other requests that are associate with this change (enter request number or title):

2022-SCI-8108

The following is information for Senate Budget Committee Consideration

NOTE: Complete each section and provide full explanations for both "yes" and "no" answers. This will not be displayed in the calendar but will be used by the Senate Budget Committee when considering approval of this proposal. The creator of this proposal may be asked to attend a committee meeting to discuss this proposal. Contact the Chair of the Senate Budget Committee if you wish to discuss any of the questions below.

Will this program impact student enrolment in another program within the same faculty/unit?: n/a

Will this program impact student enrolment in another program in a different faculty/unit?: N/A

Will additional resources be required (space, staff, equipment, etc.)?: ~~Not required.~~ 1.0 FCE stipend to deliver the required foundational courses

How will this impact existing teaching loads within this faculty/unit?: ~~Not affected.~~ 1.0 FCE stipend to deliver the required foundational courses

What is the impact on the demand for teaching support services (library, computers, staff, etc.)?: Not affected.

Will this require outside support? If yes, please outline the amount and timing of the funding: Not required.