



1. Will this new course affect a current program?
If "yes", has a Program Revision Form been submitted concurrently?

Yes No
Yes No

2. Teaching Department:

Institute for Global Food Security

3. Administering Faculty/Unit:

Graduate and Postdoctoral Studies

6. Responsible Instructors

Humberto Monardes / Hugo Melgar-Quiñonez

7. Course Title (Limit 30 Characters) - required for all courses:

Advanced Issues on Dev, Food & Agric

9. Course Title to Appear in the eCalendar (optional)
(Limit 59 characters):
Note: This can ONLY be an expansion of word(s) abbreviated in the 30 character course title above.

Advanced Issues on Development, Food and Agriculture

10. Credit Weight
(or CEU's for non-credit CE courses):

3

4. Campus
(Downtown, Macdonald, Off Campus, Distance Ed, Other – specify)

Macdonald

5. Effective Term of Implementation
(Ex. Sept. 2004 = 200409)

Term:

201801

8. Course Number(s)
Indicate course number & the number of terms spanned:
(tick all that apply)

Subject/course number: IGFS 611

Course(s) Span:

- 1 term
 2 consecutive terms (D1, D2)
 2 non-consecutive terms (N1, N2)
 3 consecutive terms (J1, J2, J3)

11. Rationale for new course

This course is being developed as a required course in the imminent MSc (Applied) in Global Food Security, and to satisfy a growing need of students at the graduate level who have been requesting this kind of offering for many years. Regardless, it fills a need for students to become aware of important global issues in agriculture, rural development and food security. While a similar course (AGRI 411) exists at the undergraduate level, this simultaneous offering provides an opportunity for graduate students to take advantage of invited speakers, while subsequently going into greater depth of discussion and analysis in separate tutorial sessions.

Students taking AGRI 411 would attend the same lectures, but the requirements in AGRI 611 – in terms of expected knowledge and application – will be at the graduate level. In addition, a unique aspect of this course is the experience for the 611 students to prepare an application for funding, following the norms of an established agency. This is something that would benefit their future careers in government and non-government organizations. The code of IGFS (Interdisciplinary Global Food Security) is being proposed because traditional individual unit codes are not appropriate, given that this course is interdisciplinary in nature, with input from a range of domain experts. It is also appropriate that the Institute begin to build a range of its own offerings to lend it more visibility.

12. Course Description
(as it will appear in the eCalendar [maximum 100 words]):
(N.B. Faculty of Medicine must append complete course outline)

A comprehensive view and understanding of world issues (agronomic, environmental and socio-economic) affecting development, poverty, hunger and food security. Topics cover rural development; soil and water management; climate change; demographic issues; gender equality; fair-trade food; plant and animal resources conservation; bio-products and biofuels; and economic and environmental issues - especially in tropical and sub-tropical regions. Globalization, sustainable development in agriculture, technology transfer and human-resources needs for rural development. Students attend guest lectures, interact with domain experts, and participate in round-table discussions. Students prepare a development project in the form of a funding application, following the norms of an established agency.

13. Supplementary information to appear in the eCalendar in addition to the course description.
Such as: equivalent course(s), contact hours, enrolment limitations, language of instruction etc.
Please enter the information as it should appear in the calendar notes.

14. Schedule Types(s):

(Enter all that apply – see course guidelines for a complete list.)
(i.e. Lecture, Labs, Tutorial)

	Hours per Week		Hours per Week		Hours per Week
Conference	<input type="text" value="4"/>	Round-Table Discussion	<input type="text" value="1.5"/>		<input type="text"/>
<hr/>	<input type="text"/>	and Journal Club	<input type="text"/>	<hr/>	<input type="text"/>
<hr/>				<hr/>	<input type="text" value="5.5"/>
Total Hours per Week:					<input type="text" value="13"/>
Total Number of Weeks:					<input type="text"/>

15. Projected Enrolment:

16. Required text and/or preliminary reading list sent to library?

Yes No
The Library has been consulted about the availability of necessary resources? Yes No

17. Prerequisite(s) (Courses or Tests)

Specify course number(s) or name(s) of test(s):

If the student does not have a prerequisite should web registration be blocked?
 Yes No

If "Yes" complete A and B:

A. Indicate minimum grade or test score(s) the student must attain in prerequisite course(s) or test(s):

B. Can the prerequisite course(s) or test(s) be taken in the same term as this course?
 Yes No

18. Corequisite(s) Course Number(s):

Specify course number(s) and title(s):

If the student does not register for the corequisite in the same term should web registration be blocked?
 Yes No

19. Restriction(s):

20. Consultation Reports Attached

Yes N/A

21. Additional Course Charges (must be approved by the Fee Advisory Committee)

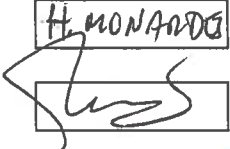
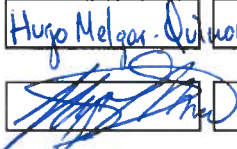
Description of Fee (e.g. screening fee)	Amount
<input type="text"/>	<input type="text"/>

22. Requires Teaching, Physical, or Financial Resources Not Currently Available (attach explanation)

Yes No

INFORMATION FOR ENROLMENT SERVICES		
<p><i>To be completed by the Faculty</i></p> <p>Slot Course: <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Thesis Component: <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p><i>To be completed by ES</i></p> <p>CIP Code</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	<p><i>For Continuing Studies Use</i></p> <p>CS Admin. Unit : <div style="border: 1px solid black; width: 100%; height: 20px;"></div></p> <p>CS Non-Grant Courses: <div style="border: 1px solid black; width: 100%; height: 20px;"></div></p> <p>Flat Rate: CdnFlat Rate: <input type="checkbox"/> Yes <input type="checkbox"/> N/A</p>

23. Approvals:

Routing Sequence	Departmental Meeting	Departmental Chair	Other Faculty	Curric/Academic Committee	Faculty	SCTP
Name	H. MONARDO	Hugo Melgar Quiñonez		M.E. Scott		
Signature				[Mandy E. Scott]		
Date	20/09/2017	21/09/17		2017-09-25		
Departmental Contact Person (name/phone/email)						

Advanced Issues on Development, Food and Agriculture

IGFS-611 (3 credits), Winter 2018

Instructors: Profs. Humberto Monardes (MS1-093) and Hugo Melgar-Quiñonez (CINE-room 208)

E-mails: Humberto.Monardes@McGill.ca, Hugo.Melgar-Quiñonez@McGill.ca

Class times:

Monday	14:35 - 16:25	R3-048	Conference (jointly w. AGRI-411)
Wednesday	14:35 - 16:25	R3-048	Conference (jointly w. AGRI-411)
Wednesday	16:35 - 18:00	R3-048	Round-Table Discussion

Course description

A comprehensive view and understanding of world issues (agronomic, environmental and socio-economic) affecting development, poverty, hunger and food security. Topics cover rural development; soil and water management; climate change; demographic issues; gender equality; fair-trade food; plant and animal resources conservation; bio-products and biofuels; and economic and environmental issues - especially in tropical and sub-tropical regions. Globalization, sustainable development in agriculture, technology transfer and human-resources needs for rural development. Students attend guest lectures, interact with domain experts, and participate in round-table discussions. Students prepare a development project in the form of a funding application, following the norms of an established agency.

Evaluation and Marking

The course mark is based on 1 final exam, round-table discussions and 1 project proposal.

Final exam	35%	
Group Discussions	30%	(Round-table discussions and Journal club)
Project Proposal	35%	(explained below)

Important Dates	February 16	Hand in project/paper titles/subjects
	April 11	Submit final Paper/Project

Project proposal. The project proposal is a student assignment which consists on the preparation of a thorough development project proposal for funding or an international research project proposal for funding, aiming to solve some real issue/constraint/problem in a real local community of her/his choice, or as a response to a past or present call from an international funding agency such as IDRC, GAC, WB, IDB, etc. Preparation of this paper will require a thorough review of the subject, a critical review of the topic and a realistic vision of the actions taken to fulfill the requirements of the call. Students in the course will receive detailed guidelines on how to develop this assignment, which should meet basic criteria such as: detailed methodology, cultural, logistical and technical constraints, duration, timetable, contribution to knowledge, gender and ethical considerations, impact to the community and to policy, potential dissemination of results, budgetary considerations.

Group Discussion. In practice, this is going to be, in alternate weeks, a round-table discussion led by the course instructor(s) and, in a subsequent week, a journal club. In the latter, one or two papers will be presented and debated by 1 or 2 students each (depending on the number of students). All students will be given the papers a week ahead of time. Every other week, in the round-table discussion, students will be expected to discuss issues and unanswered questions provoked by each presentation from the class lectures.

Attendance to classes and participation are important to succeed in this course!

Academic Integrity [approved by Senate on 29 January 2003]

McGill University values academic integrity. Therefore all students must understand the meaning and consequences of cheating, plagiarism and other academic offences under the Code of Student Conduct and Disciplinary Procedures (see www.mcgill.ca/integrity for more information).

L'université McGill attache une haute importance à l'honnêteté académique. Il incombe par conséquent à tous les étudiants de comprendre ce que l'on entend par tricherie, plagiat et autres infractions académiques, ainsi que les conséquences que peuvent avoir de telles actions, selon le Code de conduite de l'étudiant et des procédures disciplinaires (pour de plus amples renseignements, veuillez consulter le site www.mcgill.ca/integrity).

Right to submit in English or French written work that is to be graded [approved by Senate on 21 January 2009].

In accord with McGill University's Charter of Students' Rights, students in this course have the right to submit in English or in French any written work that is to be graded.

In the event of extraordinary circumstances beyond the University's control, the content and/or evaluation scheme in this course is subject to change

Sickness/illness during the term: Please visit Student Services (CC1-124) at Macdonald Campus if you are suffering from any mental or physical health-related issues during the term. If you need to seek accommodation for in-course assignments, for medical or other emergencies, please bring medical documentation to the Student Affairs Office (106 Laird Hall).

Some Key Links and References

Global Affairs Canada:

<http://www.international.gc.ca/development-developpement/index.aspx?lang=eng>

Consultative Group on International Agricultural Research: <http://www.cgiar.org>

Earth Policy Institute. <http://www.earth-policy.org/index.php?/>

International Federation of Agricultural Producers. <http://www.ifap.org/en/>

International Food Policy Research Institute: <http://www.ifpri.org>

Intergovernmental Panel on Climate Change: <http://www.ipcc.ch/organization/organization.htm>

International Assessment of Agricultural Knowledge, Science and Technology for Development-IAASTD.
<http://www.agassessment.org/>

International Fund for Agricultural Development-IFAD. <http://www.ifad.org/>

McGill Conference on Global Food Security. <http://www.mcgill.ca/globalfoodsecurity/>

United Nations Development Programme: <http://www.undp.org>

U. Nations Department of Economics and Social Affairs.

http://www.un.org/esa/dsd/susdevtopics/sdt_agriculture.shtml

<http://www.un.org/millenniumgoals/>

U. Nations Millennium Declaration. <http://www.un.org/millennium/declaration/ares552e.htm>

United Nations Organization for Food and Agriculture-FAO : <http://www.fao.org>

United Nations World Food Programme: <http://www.wfp.org/>

World Bank : <http://www.worldbank.org>

Libraries

Class notes from speakers

Reading material from the speakers

An example from the Winter 2017

**SCHEDULE OF LECTURES
GLOBAL ISSUES ON DEVELOPMENT, FOOD AND AGRICULTURE
AGRI-411, WINTER 2017**

TUESDAY and THURSDAY CLASSES will be held in R4-045 from 14:35 TO 16:25

JANUARY

TUE. 10	1	Introduction and Overview	Humberto Monardes
THU. 12	2	Nutrition in resource-restricted countries	Grace Marquis
TUE. 17	3	Agriculture and Climate Change	Donald Smith
THU. 19	4	The Political Economy of Development	Philip Oxhorn
TUE. 24	5	Soil Degradation and Food Security	Caroline Begg
THU. 26	6	Biofuels and Sustainable Agriculture	Donald Smith
TUE. 31	7	Agricultural Biotechnology and Food Security	Serge Lussier

FEBRUARY

THU. 02	8	Biotechnology in Agriculture	Jaswinder Singh
TUE. 07	9	Water resources in a changing climate	Jan Adamowski
THU. 09	10	Water and Food Security	Chandra Madramootoo

APRIL

TUE. 04	22	Students Presentations and General Discussion	
THU. 06	23	Students Presentations and General Discussion	
TUE. 11	24	Students Presentations and General Discussion LAST CLASS	
		FINAL EXAM	

H. Monardes

FAPC18-002

Revision for LSCI 452

Proposal Reference Number : 12656

PRN Alias : 17-18#135

Version No : 1

Submitted By : Ms Julie Major

[Display Printable PDF](#)

Summary of Changes	Prerequisites, Restrictions
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	Current Data	New Data				
Program Affected?		N				
Program Change Form Submitted?						
Subject/Course/Term	LSCI 452 <ul style="list-style-type: none"> • one term 					
Credit Weight or CEU's	3 credits.					
Course Activities	<ul style="list-style-type: none"> • P - Project 					
Course Title	<table border="1"> <tr> <td>Course Title on Transcript</td> <td>Research Project 2</td> </tr> <tr> <td>Course Title on Calendar</td> <td>Research Project 2.</td> </tr> </table>	Course Title on Transcript	Research Project 2	Course Title on Calendar	Research Project 2.	
Course Title on Transcript	Research Project 2					
Course Title on Calendar	Research Project 2.					
Rationale		The minimum grade obtained in LSCI 451, which is the pre-req for LSCI 452, is raised from C to B. Instructor approval will now be required for registration in LSCI 452 as it is for LSCI 451. The grade standard is thus raised, and given that research projects imply supervision by a Faculty member, requiring instructor permission ensures that students are supervised by a willing Faculty member. These changes also improve the uniformity of LSCI 451/452 with ENVB 497/498. Reference to an old course code (AEBI 452) is removed.				
Responsible Instructor						
Course Description	Continuation of the project begun in LSCI 451 on a topic relevant to the life sciences.					
Teaching Dept.	0078 : Natural Resource Sciences					
Administering Faculty/Unit	AG : Faculty of Agric Environ Sci					
Prerequisites	Prerequisite: LSCI 451	Prerequisite: LSCI 451 and permission of instructor.				

		<table border="1"> <tr> <td>Web Registration Blocked? :</td> <td>Y</td> </tr> <tr> <td>Minimum Grade or Test Scores :</td> <td>B</td> </tr> <tr> <td>Prereq course or test taken at the same time? :</td> <td>N</td> </tr> </table>	Web Registration Blocked? :	Y	Minimum Grade or Test Scores :	B	Prereq course or test taken at the same time? :	N
Web Registration Blocked? :	Y							
Minimum Grade or Test Scores :	B							
Prereq course or test taken at the same time? :	N							
Corequisites								
Restrictions	<ul style="list-style-type: none"> Restrictions: Enrolment is limited by availability of research project supervisors and to students in the Life Sciences (Biological and Agricultural) Major. Students should make arrangements with a supervisor; the proposed supervisor and project are subject to approval. Not open to students who have taken AEBI 452. 	<ul style="list-style-type: none"> Restrictions: Enrolment is limited by availability of research project supervisors and to students in the Life Sciences (Biological and Agricultural) Major. Students should make arrangements with a supervisor; the proposed supervisor and project are subject to approval. 						
Supplementary Calendar Info	1. Fall and Winter							
Additional Course Charges								
Campus								
Projected Enrollment								
Requires Resources Not Currently Available								
Explanation for Required Resources								
Consultation Reports Attached?								
Effective Term of Implementation		201801						
File Attachments		No attachments have been saved yet.						
To be completed by the Faculty								
For Continuing Studies Use								

Approvals Summary

Show all comments

Version No.	Departmental Curriculum Committee	Departmental Meeting	Departmental Chair	Other Faculty	Curric/Academic Committee	Faculty	SCTP	Version Status
1			Approved					Approved by

			Brian T Driscoll Meeting Date: Aug 30 2017 Approval Date: Aug 30 2017 View Comments				Departmental Chair Created on: Aug 30 2017
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