



1. Will this new course affect a current program? If "yes", has a Program Revision Form been submitted concurrently?		Yes <input checked="" type="checkbox"/> No Yes <input checked="" type="checkbox"/> No
2. Teaching Department: <div style="border: 1px solid black; padding: 2px; width: 150px; margin-top: 5px;">Plant Science</div>	4. Campus (Downtown, Macdonald, Off Campus, Distance Ed, Other – specify)  <div style="border: 1px solid black; padding: 2px; width: 100px; margin-top: 5px;">Macdonald</div>	5. Effective Term of Implementation (Ex. Sept. 2004 = 200409)  Term:  <div style="border: 1px solid black; padding: 2px; width: 100px; margin-top: 5px;">Fall 2018</div>
3. Administering Faculty/Unit:  <div style="border: 1px solid black; padding: 2px; width: 150px; margin-top: 5px;">Graduate and Postdoctoral</div>	6. Responsible Instructor  <div style="border: 1px solid black; padding: 2px; width: 150px; margin-top: 5px;">Martina Stromvik, Ph.D.</div>	
7. Course Title (Limit 30 Characters) - required for all courses:  <div style="border: 1px solid black; padding: 2px; width: 150px; margin-top: 5px;">Research Project 1</div>	8. Course Number(s) Indicate course number & the number of terms spanned: (tick all that apply)  Subject/course number: <div style="border: 1px solid black; padding: 2px; width: 100px; margin-top: 5px;">PLNT 643</div>  Course(s) Span: <input checked="" type="checkbox"/> 1 term <input type="checkbox"/> 2 consecutive terms (D1, D2) <input type="checkbox"/> 2 non-consecutive terms (N1, N2) <input type="checkbox"/> 3 consecutive terms (J1, J2, J3)	
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.  <div style="border: 1px solid black; padding: 2px; width: 150px; margin-top: 5px;">Research Project 1</div>	10. Credit Weight (or CEU's for non-credit CE courses):  <div style="border: 1px solid black; padding: 2px; width: 150px; margin-top: 5px;">3 credits</div>	
11. Rationale for new course  <div style="border: 1px solid black; padding: 10px; min-height: 100px; margin-top: 5px;"> <p>The revised program for the M.Sc. (A.) in Plant Science, calls for a research project to be carried out across two terms. This new course is the first in a series of 3 courses that cover all aspects of the research project, from literature review and proposal to project execution and final presentation.</p> </div>		
12. Course Description (as it will appear in the eCalendar [maximum 100 words]): (N.B. Faculty of Medicine must append complete course outline)  <div style="border: 1px solid black; padding: 10px; min-height: 50px; margin-top: 5px;"> <p>Review of the literature and design of the research project.</p> </div>		
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.  <div style="border: 1px solid black; padding: 10px; min-height: 50px; margin-top: 5px;"> </div>		

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
PP (Proposal)	<input type="text" value="3"/>	<input type="text"/>	<input type="text"/>
P (Project)	<input type="text" value="3"/>	<input type="text"/>	<input type="text"/>
Total Hours per Week:			<input type="text" value="6"/>
Total Number of Weeks:			<input type="text" value="13"/>

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):

Only open to students enrolled in the M.Sc.A. in Plant Science (Non-Thesis).

20. Consultation Reports Attached  
 Yes  N/A

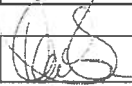
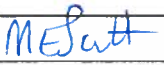
21. Additional Course Charges (must be approved by the Fee Policy Committee)

Description of Fee (e.g. screening fee)	Amount
N/A	---

22. Requires Teaching, Physical, or Financial Resources Not Currently Available (attach explanation)  
 Yes  No

INFORMATION FOR ENROLMENT SERVICES			
<i>To be completed by the Faculty</i>		<i>To be completed by ES</i>	<i>For Continuing Studies Use</i>
Slot Course:	Yes    No	CIP Code	CS Admin. Unit : <input type="text"/>
		<input type="text"/>	CS Non-Grant Courses: <input type="text"/>
Thesis Component:	Yes    No		Flat Rate: CdnFlat Rate:    Yes    N/A

23. Approvals:

Routing Sequence	Departmental Meeting	Departmental Chair	Other Faculty	Curric/Academic Committee	Faculty	SCTP
Name	M Stromvik	M Stromvik	<input type="text"/>	M E. Scott	<input type="text"/>	<input type="text"/>
Signature	<input type="text"/>		<input type="text"/>		<input type="text"/>	<input type="text"/>
Date	May 18, 2017	Oct 18, 2017	<input type="text"/>	2017-10-30	<input type="text"/>	<input type="text"/>
Departmental Contact Person (name/phone/email)	M Stromvik/8627/martina.stromvik@mcgill.ca					



1. Will this new course affect a current program? If "yes", has a Program Revision Form been submitted concurrently?	Yes <input checked="" type="checkbox"/> No Yes <input checked="" type="checkbox"/> No
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2. Teaching Department:

3. Administering Faculty/Unit:

6. Responsible Instructor

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

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

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

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.

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

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

The revised program for the M.Sc. (A.) in Plant Science, calls for a research project to be carried out across two terms. This new course is the second in a series of three courses that cover all aspects of the research project, from literature review and proposal to project execution and final presentation.

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

Continuation of project execution and completion of a progress report.

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
P (Project)	11		
PR (Presentation)	1		
Total Hours per Week:			12
Total Number of Weeks:			13

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):

PLNT 643 Research Project 1

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):

PLNT 645 Research Project 3

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

19. Restriction(s):

Only open to students enrolled in the M.Sc.A. in Plant Science (Non-Thesis).

20. Consultation Reports Attached  
 Yes  N/A

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

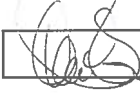
Description of Fee (e.g. screening fee)	Amount
N/A	---

22. Requires Teaching, Physical, or Financial Resources Not Currently Available (attach explanation)  
 Yes  No

**INFORMATION FOR ENROLMENT SERVICES**

<i>To be completed by the Faculty</i>		<i>To be completed by ES</i>		<i>For Continuing Studies Use</i>	
Slot Course:	Yes    No	CIP Code	<input type="text"/>		
Thesis Component:	Yes    No	<input type="text"/>			
		CS Admin. Unit :	<input type="text"/>		
		CS Non-Grant Courses:	<input type="text"/>		
		Flat Rate: CdnFlat Rate:	Yes	N/A	

**23. Approvals:**

Routing Sequence	Departmental Meeting	Departmental Chair	Other Faculty	Curric/Academic Committee	Faculty	SCTP
Name	M Stromvik	M Stromvik	<input type="text"/>	M.E.Scott	<input type="text"/>	<input type="text"/>
Signature	<input type="text"/>		<input type="text"/>	MES	<input type="text"/>	<input type="text"/>
Date	<input type="text"/>	Oct 18, 2017	<input type="text"/>	2017-10-30	<input type="text"/>	<input type="text"/>
Departmental Contact Person (name/phone/email)	M Stromvik/8627/martina.stromvik@mcgill.ca					



<b>1. Will this new course affect a current program?</b> If "yes", has a Program Revision Form been submitted concurrently?		Yes <input checked="" type="checkbox"/> No Yes <input checked="" type="checkbox"/> No
<b>2. Teaching Department:</b> <div style="border: 1px solid black; padding: 2px; text-align: center;">Plant Science</div>	<b>4. Campus</b> (Downtown, Macdonald, Off Campus, Distance Ed, Other – specify) <div style="border: 1px solid black; padding: 2px; text-align: center;">Macdonald</div>	<b>5. Effective Term of Implementation</b> (Ex. Sept. 2004 = 200409)  Term: <div style="border: 1px solid black; padding: 2px; text-align: center;">Fall 2018</div>
<b>3. Administering Faculty/Unit:</b> <div style="border: 1px solid black; padding: 2px; text-align: center;">Graduate and Postdoctoral</div>	<b>8. Course Number(s)</b> Indicate course number & the number of terms spanned: (tick all that apply)  Subject/course number: <div style="border: 1px solid black; padding: 2px; text-align: center;">PLNT 645</div> Course(s) Span: <input checked="" type="checkbox"/> 1 term <input type="checkbox"/> 2 consecutive terms (D1, D2) <input type="checkbox"/> 2 non-consecutive terms (N1, N2) <input type="checkbox"/> 3 consecutive terms (J1, J2, J3)	
<b>6. Responsible Instructor</b> <div style="border: 1px solid black; padding: 2px; text-align: center;">Martina Stromvik, Ph.D.</div>		
<b>7. Course Title (Limit 30 Characters) - required for all courses:</b> <div style="border: 1px solid black; padding: 2px; text-align: center;">Research Project 3</div>	<b>11. Rationale for new course</b> <div style="border: 1px solid black; padding: 10px; min-height: 100px;">The revised program for the M.Sc. (A.) in Plant Science, calls for a research project to be carried out across two terms. This new course is the third in a series of 3 courses that cover all aspects of the research project, from literature review and proposal to project execution and final presentation.</div>	
<b>9. Course Title to Appear in the eCalendar (optional)</b> (Limit 59 characters): Note: This can ONLY be an expansion of word(s) abbreviated in the 30 character course title above. <div style="border: 1px solid black; padding: 2px; text-align: center;">Research Project 3</div>		
<b>10. Credit Weight</b> (or CEU's for non-credit CE courses): <div style="border: 1px solid black; padding: 2px; text-align: center;">6 credits</div>		
<b>12. Course Description</b> (as it will appear in the eCalendar [maximum 100 words]): (N.B. Faculty of Medicine must append complete course outline) <div style="border: 1px solid black; padding: 10px; min-height: 50px;">Continuation of project execution, delivery of written report, and final presentation.</div>		
<b>13. Supplementary information to appear in the eCalendar in addition to the course description.</b> 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. <div style="border: 1px solid black; padding: 10px; min-height: 50px;"></div>		

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
P (Project)	11		
PR (Presentation)	1		
Total Hours per Week:			12
Total Number of Weeks:			13

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):

PLNT 643 Research Project 1

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):

PLNT 644 Research Project 2

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

19. Restriction(s):

Only open to students enrolled in the M.Sc.A. in Plant Science (Non-Thesis).

20. Consultation Reports Attached  
 Yes  N/A

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

Description of Fee (e.g. screening fee)	Amount
N/A	—

22. Requires Teaching, Physical, or Financial Resources Not Currently Available (attach explanation)  
 Yes  No



INFORMATION FOR ENROLMENT SERVICES			
<i>To be completed by the Faculty</i>		<i>To be completed by ES</i>	<i>For Continuing Studies Use</i>
Slot Course:	Yes      No	CIP Code <input type="text"/>	CS Admin. Unit : <input type="text"/>
Thesis Component:	Yes      No		CS Non-Grant Courses: <input type="text"/>
			Flat Rate: CdnFlat Rate:      Yes      N/A

23. Approvals:

Routing Sequence	Departmental Meeting	Departmental Chair	Other Faculty	Curric/Academic Committee	Faculty	SCTP
Name	M Stromvik	M Stromvik	<input type="text"/>	M.E.Scott	<input type="text"/>	<input type="text"/>
Signature	<input type="text"/>		<input type="text"/>		<input type="text"/>	<input type="text"/>
Date	May 18, 2017	Oct 18, 2017	<input type="text"/>	2017-10-31	<input type="text"/>	<input type="text"/>
Departmental Contact Person (name/phone/email)	M Stromvik/8627/martina.stromvik@mcgill.ca					

FAPC18-032

## New Course

Proposal Reference Number : 13152  
 PRN Alias : 17-18#631  
 Version No : 1  
 Submitted By : Dr Linda J Wykes

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New Data					
Program Affected?	Y				
Program Change Form Submitted?	N (Simple Change) - Please add this course to the required course list. The proposed change will split NUTR 510 (14 credits) into NUTR 508 (7 credits) and NUTR 509 (7 credits), therefore the total credit count for the program remains the same.				
Subject/Course/Term	NUTR 508 <ul style="list-style-type: none"> <li>• one term</li> </ul>				
Credit Weight or CEU's	7 credits				
Course Activities	<table border="1"> <thead> <tr> <th>Schedule Type</th> <th>Hours per week</th> </tr> </thead> <tbody> <tr> <td>F - Field Course (GDEU)</td> <td>40</td> </tr> </tbody> </table>	Schedule Type	Hours per week	F - Field Course (GDEU)	40
	Schedule Type	Hours per week			
F - Field Course (GDEU)	40				
Total Hours per Week : 40 Total Number of Weeks : 8					
Course Title	<table border="1"> <tr> <td>Official Course Title :</td> <td>Professional Practice Stage 4a</td> </tr> <tr> <td>Course Title in Calendar :</td> <td></td> </tr> </table>	Official Course Title :	Professional Practice Stage 4a	Course Title in Calendar :	
	Official Course Title :	Professional Practice Stage 4a			
Course Title in Calendar :					
Rationale	NUTR 508 will be one of two 7 credit courses to replace NUTR 510 (14 credits). The rationale to split the 14 credit course into two 7 credit courses is that in the case of a student who fails 1 of the assigned stage rotations, they currently fail the whole 14 credits and CGPA is significantly impacted. Students complete rotations in 3 domains; clinical nutrition, management and community nutrition. Typically if there is a fail, it is in only 1 domain. By splitting the course into two 7 credit courses, it can better reflect the actual portion failed.				
Responsible Instructor					
Course Description	Directed professional practice experience in domains of clinical nutrition, management, nutrition education and/or community nutrition. This course includes at least one main clinical nutrition rotation, and may include additional weeks in other domains of practice.				
Teaching Dept.	0071 : Human Nutrition				
Administering Faculty/Unit	AG : Faculty of Agric Environ Sci				
Prerequisites	NUTR 409 Web Registration Blocked? : Y Minimum Grade or Test Scores : pass Prereq course or test taken at the same time? : N				
Corequisites	NUTR 509 Web Registration Blocked? : Y				
Restrictions					

<b>Supplementary Calendar Info</b>	<ol style="list-style-type: none"> <li>1. This course includes a \$125 fee for the Level IV stage manual. The fee is refundable until the end of the add/drop period as long as the manual is intact.</li> <li>2. This course requires the ability to read in French, to understand spoken French and to speak French at a basic functional level for fieldwork experience.</li> </ol>	
<b>Additional Course Charges</b>	<b>Description</b>	Stage manual (appr NUTR 510)
	<b>Amount</b>	\$125
<b>Campus</b>	Other : Field placements	
<b>Projected Enrollment</b>	60	
<b>Requires Resources Not Currently Available</b>	N	
<b>Explanation for Required Resources</b>		
<b>Required Text/Resources Sent To Library?</b>		
<b>Library Consulted About Availability of Resources?</b>		
<b>Consultation Reports Attached?</b>		
<b>Effective Term of Implementation</b>	201809	
<b>File Attachments</b>	No attachments have been saved yet.	
<b>To be completed by the Faculty</b>		
<b>For Continuing Studies Use</b>		

### Approvals Summary

Show all comments

Version No.	Departmental Curriculum Committee	Departmental Meeting	Departmental Chair	Other Faculty	Curric/Academic Committee	Faculty	SCTP	Version Status
1								<b>Submitted to Curriculum/Academic Committee for approval</b> Created on: Dec 20 2017

## New Course

FAPC18-033

Proposal Reference Number :13154  
 PRN Alias :17-18#633  
 Version No :2  
 Submitted By :Dr Linda J Wykes  
 Edited By :Dr Linda J Wykes

[Display Printable PDF](#)

New Data					
Program Affected?	Y				
Program Change Form Submitted?	N (Simple Change) - Please add this course to the required course list. The proposed change will split NUTR 510 (14 credits) into NUTR 508 (7 credits) and NUTR 509 (7 credits), therefore the total credit count for the program remains the same.				
Subject/Course/Term	NUTR 509 <ul style="list-style-type: none"> <li>• one term</li> </ul>				
Credit Weight or CEU's	7 credits				
Course Activities	<table border="1"> <thead> <tr> <th>Schedule Type</th> <th>Hours per week</th> </tr> </thead> <tbody> <tr> <td>F - Field Course (GDEU)</td> <td>40</td> </tr> </tbody> </table>	Schedule Type	Hours per week	F - Field Course (GDEU)	40
	Schedule Type	Hours per week			
F - Field Course (GDEU)	40				
Total Hours per Week : 40 Total Number of Weeks : 8					
Course Title	<table border="1"> <tr> <td>Official Course Title :</td> <td>Professional Practice Stage 4b</td> </tr> <tr> <td>Course Title in Calendar :</td> <td></td> </tr> </table>	Official Course Title :	Professional Practice Stage 4b	Course Title in Calendar :	
	Official Course Title :	Professional Practice Stage 4b			
Course Title in Calendar :					
Rationale	NUTR 509 will be one of two 7 credit courses to replace NUTR 510 (14 credits). The rationale to split the 14 credit course into two 7 credit courses is that in the case of a student who fails 1 of the assigned stage rotations, they currently fail the whole 14 credits and CGPA is significantly impacted. Students complete rotations in 3 domains; clinical nutrition, management and community nutrition. Typically if there is a fail, it is in only 1 domain. By splitting the course into two 7 credit courses, it can better reflect the actual portion failed.				
Responsible Instructor					
Course Description	Directed professional practice experience in domains of clinical nutrition, management, nutrition education and/or community nutrition. This course includes management and community rotations.				
Teaching Dept.	0071 : Human Nutrition				
Administering Faculty/Unit	AG : Faculty of Agric Environ Sci				
Prerequisites	NUTR 409 Web Registration Blocked? : Y Minimum Grade or Test Scores : pass Prereq course or test taken at the same time? : N				
Corequisites	NUTR 508 Web Registration Blocked? : Y				
Restrictions					

<b>Supplementary Calendar Info</b>	1. This course requires the ability to read in French, to understand spoken French and to speak French at a basic functional level for fieldwork experience.
<b>Additional Course Charges</b>	
<b>Campus</b>	Other : Field placements
<b>Projected Enrollment</b>	60
<b>Requires Resources Not Currently Available</b>	N
<b>Explanation for Required Resources</b>	
<b>Required Text/Resources Sent To Library?</b>	
<b>Library Consulted About Availability of Resources?</b>	
<b>Consultation Reports Attached?</b>	
<b>Effective Term of Implementation</b>	201809
<b>File Attachments</b>	No attachments have been saved yet.
<b>To be completed by the Faculty</b>	
<b>For Continuing Studies Use</b>	

## Approvals Summary

Show all comments

Version No.	Departmental Curriculum Committee	Departmental Meeting	Departmental Chair	Other Faculty	Curric/Academic Committee	Faculty	SCTP	Version Status
2								<b>Submitted to Curriculum/Academic Committee for approval</b> Edited by: Linda J Wykes on: Dec 20 2017
1								<b>Submitted to Curriculum/Academic Committee for approval</b> Created on: Dec 20

FAPC18-028

## Revision for NUTR 209

Proposal Reference Number :13142  
 PRN Alias :17-18#621  
 Version No :1  
 Submitted By :Dr Linda J Wykes

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Summary of Changes	Supplementary Calendar Info
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	Current Data	New Data				
Program Affected?		N				
Program Change Form Submitted?						
Subject/Course/Term	NUTR 209 <ul style="list-style-type: none"> <li>one term</li> </ul>					
Credit Weight or CEU's	1. 209 = 2 credits.					
Course Activities	<ul style="list-style-type: none"> <li>ST - Stage</li> </ul>					
Course Title	<table border="1"> <tr> <td>Course Title on Transcript</td> <td>Professional Practice Stage 1B</td> </tr> <tr> <td>Course Title on Calendar</td> <td>Professional Practice Stage 1B.</td> </tr> </table>	Course Title on Transcript	Professional Practice Stage 1B	Course Title on Calendar	Professional Practice Stage 1B.	
Course Title on Transcript	Professional Practice Stage 1B					
Course Title on Calendar	Professional Practice Stage 1B.					
Rationale		Our professional order (OPDQ) has requested that language policy and language requirement be more transparent. All placement sites within the McGill network require students to have a working knowledge of both English and French. Other professional courses (ex. AGRI 430) do have this as supplementary calendar information.				
Responsible Instructor						
Course Description	Supervised activities related to food, nutrition, nutrition behaviour, health promotion, communication and education for dietetic practice.					
Teaching Dept.	0071 : Human Nutrition					
Administering Faculty/Unit	AG : Faculty of Agric Environ Sci					
Prerequisites	Prerequisite(s): All U0 math and science entrance requirements. All U1 required courses of the Dietetics major (ANSC 234, LSCI 211, LSCI 230, NUTR 207, NUTR 208, NUTR 214, NUTR 217, NUTR 322, NUTR 343 and NUTR 341). Prerequisites: all Required courses in Terms 1 and 2 of the Dietetics Major. Prerequisite: NUTR 209D1					
Corequisites						
Restrictions						
Supplementary	1. Note 1: The course NUTR 209 includes a \$150 fee for the Level I stage manual. The fee	1. The course NUTR 209 includes a \$150 fee for the Level I stage manual. The fee is				

<b>Calendar Info</b>	is refundable until the end of the add/drop period as long as the materials that have been distributed are returned intact.	refundable until the end of the add/drop period as long as the materials that have been distributed are returned intact. 2. This course requires the ability to read in French, to understand spoken French and to speak French at a basic functional level for fieldwork experience.				
<b>Additional Course Charges</b>	<table border="1"> <tr> <td><b>Description :</b></td> <td>NUTR 209 Prof Prac Stage Lev I</td> </tr> <tr> <td><b>Amount : \$</b></td> <td>150</td> </tr> </table>	<b>Description :</b>	NUTR 209 Prof Prac Stage Lev I	<b>Amount : \$</b>	150	
<b>Description :</b>	NUTR 209 Prof Prac Stage Lev I					
<b>Amount : \$</b>	150					
<b>Campus</b>						
<b>Projected Enrollment</b>						
<b>Requires Resources Not Currently Available</b>						
<b>Explanation for Required Resources</b>						
<b>Consultation Reports Attached?</b>						
<b>Effective Term of Implementation</b>		201801				
<b>File Attachments</b>		No attachments have been saved yet.				
<b>To be completed by the Faculty</b>						
<b>For Continuing Studies Use</b>						

### Approvals Summary

Show all comments

Version No.	Departmental Curriculum Committee	Departmental Meeting	Departmental Chair	Other Faculty	Curric/Academic Committee	Faculty	SCTP	Version Status
1								Submitted to Curriculum/Academic Committee for approval Created on: Dec 18 2017

FAPC18-0029

## Revision for NUTR 311

Proposal Reference Number : 13143  
 PRN Alias : 17-18#622  
 Version No : 1  
 Submitted By : Dr Linda J Wykes

[Display Printable PDF](#)

Summary of Changes	Supplementary Calendar Info
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	Current Data	New Data				
Program Affected?		N				
Program Change Form Submitted?						
Subject/Course/Term	NUTR 311 <ul style="list-style-type: none"> <li>one term</li> </ul>					
Credit Weight or CEU's	5 credits.					
Course Activities	<ul style="list-style-type: none"> <li>ST - Stage</li> </ul>					
Course Title	<table border="1"> <tr> <td>Course Title on Transcript</td> <td>Professional Practice Stage 2B</td> </tr> <tr> <td>Course Title on Calendar</td> <td>Professional Practice Stage 2B.</td> </tr> </table>	Course Title on Transcript	Professional Practice Stage 2B	Course Title on Calendar	Professional Practice Stage 2B.	
Course Title on Transcript	Professional Practice Stage 2B					
Course Title on Calendar	Professional Practice Stage 2B.					
Rationale		Our professional order (OPDQ) has requested that language policy and language requirement be more transparent. All placement sites within the McGill network require students to have a working knowledge of both English and French. Other professional courses (ex. AGRI 430) do have this as supplementary calendar information.				
Responsible Instructor						
Course Description	Two interrelated modules of directed experience in normal and clinical nutrition and food service management, in health care settings and the private sector.					
Teaching Dept.	0071 : Human Nutrition					
Administering Faculty/Unit	AG : Faculty of Agric Environ Sci					
Prerequisites	Prerequisite(s): All U2 required courses: AEMA 310, NUTR 343, ANSC 323, ANSC 424, NUTR 307, NUTR 310, NUTR 337, NUTR 344, NUTR 345, NUTR 346, NUTR 446.					
Corequisites						
Restrictions						
Supplementary Calendar Info	1. The course NUTR 311 includes a \$125 fee for the Level II manual. The fee is refundable until the end of the add/drop period as long as the manual is intact.	1. The course NUTR 311 includes a \$125 fee for the Level II manual. The fee is refundable until the end of the add/drop period as long as the manual is intact.				



		2. This course requires the ability to read in French, to understand spoken French and to speak French at a basic functional level for fieldwork experience.
<b>Additional Course Charges</b>	Description :	NUTR 311 Prof Prac Stage Lev 2
	Amount : \$	125
<b>Campus</b>		
<b>Projected Enrollment</b>		
<b>Requires Resources Not Currently Available</b>		
<b>Explanation for Required Resources</b>		
<b>Consultation Reports Attached?</b>		
<b>Effective Term of Implementation</b>		201801
<b>File Attachments</b>		No attachments have been saved yet.
<b>To be completed by the Faculty</b>		
<b>For Continuing Studies Use</b>		

## Approvals Summary

Show all comments

Version No.	Departmental Curriculum Committee	Departmental Meeting	Departmental Chair	Other Faculty	Curric/Academic Committee	Faculty	SCTP	Version Status
1								<b>Submitted to Curriculum/Academic Committee for approval</b> Created on: Dec 18 2017

FAPC18-030

## Revision for NUTR 408

Proposal Reference Number :13144  
 PRN Alias :17-18#623  
 Version No :1  
 Submitted By :Dr Linda J Wykes

Display Printable PDF

Summary of Changes	Supplementary Calendar Info
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	Current Data	New Data				
Program Affected?		N				
Program Change Form Submitted?						
Subject/Course/Term	NUTR 408 <ul style="list-style-type: none"> <li>one term</li> </ul>					
Credit Weight or CEU's	1 credits.					
Course Activities	<ul style="list-style-type: none"> <li>A - Lecture</li> </ul>					
Course Title	<table border="1"> <tr> <td>Course Title on Transcript</td> <td>Professional Practice Stage 3A</td> </tr> <tr> <td>Course Title on Calendar</td> <td>Professional Practice Stage 3A.</td> </tr> </table>	Course Title on Transcript	Professional Practice Stage 3A	Course Title on Calendar	Professional Practice Stage 3A.	
Course Title on Transcript	Professional Practice Stage 3A					
Course Title on Calendar	Professional Practice Stage 3A.					
Rationale		Our professional order (OPDQ) has requested that language policy and language requirement be more transparent. All placement sites within the McGill network require students to have a working knowledge of both English and French. Other professional courses (ex. AGRI 430) do have this as supplementary calendar information.				
Responsible Instructor						
Course Description	Orientation and educational topics linking theory to practice for field placements in the clinical setting.					
Teaching Dept.	0071 : Human Nutrition					
Administering Faculty/Unit	AG : Faculty of Agric Environ Sci					
Prerequisites	Prerequisite: NUTR 311					
Corequisites	Corequisite: NUTR 409					
Restrictions						
Supplementary Calendar Info	1. Two 2 hr lectures/week	1. Two 2 hr lectures/week 2. This course requires the ability to read in French, to understand spoken French and to speak French at a basic functional level for fieldwork experience.				
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								Submitted to Curriculum/Academic Committee for approval Created on: Dec 18 2017

FAPC18-031

## Revision for NUTR 409

Proposal Reference Number :13145  
 PRN Alias :17-18#624  
 Version No :1  
 Submitted By :Dr Linda J Wykes

[Display Printable PDF](#)

Summary of Changes	Supplementary Calendar Info
--------------------	-----------------------------

	Current Data	New Data				
Program Affected?		N				
Program Change Form Submitted?						
Subject/Course/Term	NUTR 409 <ul style="list-style-type: none"> <li>one term</li> </ul>					
Credit Weight or CEU's	9 credits.					
Course Activities	<ul style="list-style-type: none"> <li>ST - Stage</li> </ul>					
Course Title	<table border="1"> <tr> <td>Course Title on Transcript</td> <td>Professional Practice Stage 3B</td> </tr> <tr> <td>Course Title on Calendar</td> <td>Professional Practice Stage 3B.</td> </tr> </table>	Course Title on Transcript	Professional Practice Stage 3B	Course Title on Calendar	Professional Practice Stage 3B.	
Course Title on Transcript	Professional Practice Stage 3B					
Course Title on Calendar	Professional Practice Stage 3B.					
Rationale		Our professional order (OPDQ) has requested that language policy and language requirement be more transparent. All placement sites within the McGill network require students to have a working knowledge of both English and French. Other professional courses (ex. AGRI 430) do have this as supplementary calendar information.				
Responsible Instructor						
Course Description	Four interrelated modules of directed experience in clinical nutrition, food service management, normal nutrition education and community nutrition, in health care settings and the private sector.					
Teaching Dept.	0071 : Human Nutrition					
Administering Faculty/Unit	AG : Faculty of Agric Environ Sci					
Prerequisites	Prerequisites: NUTR 311, NUTR 403, NUTR 446, NUTR 450, NUTR 545 and NUTR 546.					
Corequisites						
Restrictions						
Supplementary Calendar Info	<ol style="list-style-type: none"> <li>Winter: 11 weeks</li> <li>The course NUTR 409 includes a \$125 fee for the Level III manual. The fee is refundable until the end of the add/drop period as long as the manual is intact.</li> </ol>	<ol style="list-style-type: none"> <li>Winter: 11 weeks</li> <li>The course NUTR 409 includes a \$125 fee for the Level III manual. The fee is refundable until the end of the add/drop period as long as the manual is intact.</li> </ol>				

		3. This course requires the ability to read in French, to understand spoken French and to speak French at a basic functional level for fieldwork experience.
Additional Course Charges	Description :	NUTR 409 Prof Prac Stage Lev 3
	Amount : \$	125
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								Submitted to Curriculum/Academic Committee for approval Created on: Dec 18 2017

FAPC18-034

## Revision for NUTR 510

Proposal Reference Number : 13146  
 PRN Alias : 17-18#625  
 Version No : 1  
 Submitted By : Dr Linda J Wykes

[Display Printable PDF](#)

Summary of Changes	Supplementary Calendar Info
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	Current Data	New Data				
Program Affected?		N				
Program Change Form Submitted?						
Subject/Course/Term	NUTR 510 <ul style="list-style-type: none"> <li>one term</li> </ul>					
Credit Weight or CEU's	14 credits.					
Course Activities	<ul style="list-style-type: none"> <li>F - Field Course (GDEU)</li> </ul>					
Course Title	<table border="1"> <tr> <td>Course Title on Transcript</td> <td>Professional Practice-Stage 4</td> </tr> <tr> <td>Course Title on Calendar</td> <td>Professional Practice - Stage 4.</td> </tr> </table>	Course Title on Transcript	Professional Practice-Stage 4	Course Title on Calendar	Professional Practice - Stage 4.	
Course Title on Transcript	Professional Practice-Stage 4					
Course Title on Calendar	Professional Practice - Stage 4.					
Rationale		Our professional order (OPDQ) has requested that language policy and language requirement be more transparent. All placement sites within the McGill network require students to have a working knowledge of both English and French. Other professional courses (ex. AGRI 430) do have this as supplementary calendar information.				
Responsible Instructor						
Course Description	Interrelated modules of directed experience in clinical nutrition, food service management, nutrition education and community nutrition, in health care setting and in the private sector.					
Teaching Dept.	0071 : Human Nutrition					
Administering Faculty/Unit	AG : Faculty of Agric Environ Sci					
Prerequisites	Prerequisite: NUTR 409					
Corequisites						
Restrictions						
Supplementary Calendar Info	<ol style="list-style-type: none"> <li>Fall: 16 weeks</li> <li>This course includes a \$125 fee for the Level IV stage manual. The fee is refundable until the end of the add/drop period as long as the manual is intact.</li> </ol>	<ol style="list-style-type: none"> <li>Fall: 16 weeks</li> <li>This course includes a \$125 fee for the Level IV stage manual. The fee is refundable until the end of the add/drop period as long as the manual is intact.</li> <li><b>This course requires the ability to read in</b></li> </ol>				

		French, to understand spoken French and to speak French at a basic functional level or fieldwork experience.
<b>Additional Course Charges</b>	<b>Description :</b>	NUTR 510 Level IV Stage Manual
	<b>Amount : \$</b>	125
<b>Campus</b>		
<b>Projected Enrollment</b>		
<b>Requires Resources Not Currently Available</b>		
<b>Explanation for Required Resources</b>		
<b>Consultation Reports Attached?</b>		
<b>Effective Term of Implementation</b>		201801
<b>File Attachments</b>		No attachments have been saved yet.
<b>To be completed by the Faculty</b>		
<b>For Continuing Studies Use</b>		

### Approvals Summary

Show all comments

Version No.	Departmental Curriculum Committee	Departmental Meeting	Departmental Chair	Other Faculty	Curric/Academic Committee	Faculty	SCTP	Version Status
1								Submitted to Curriculum/Academic Committee for approval Created on: Dec 18 2017



<b>1.0 Degree Title</b> Specify the two degrees for concurrent degree programs <input type="text" value="B.Sc. (Ag. Env. Sc.)"/>	<b>2.0 Administering Faculty/Unit</b> <input type="text" value="FAES/Plant Science"/>
<b>1.1 Major (Legacy= Subject) (30-char. max.)</b> <input type="text"/>	<b>Offering Faculty/Department</b> <input type="text" value="FAES/Plant Science"/>
<b>1.2 Concentration (Legacy = Concentration/Option) If applicable (30 char. max.)</b> <input type="text"/>	<b>3.0 Effective Term of revision or retirement</b> Please give reasons in 5.0 "Rationale" in the case of retirement (Ex. Sept. 2004 = 200409) <input type="checkbox"/> Retirement Term: <input type="text" value="201809"/>
<b>1.3 Minor (with Concentration, if applicable) (30 char. max.)</b> <input type="text" value="Ecological Agriculture"/>	<b>4.0 Existing Credit Weight</b> <b>Proposed Credit Weight</b> <input type="text" value="24"/> <input type="text" value="24"/>
<b>1.4 Category</b> <input type="checkbox"/> Faculty Program (FP) <input type="checkbox"/> Honours (HON) <input type="checkbox"/> Major <input type="checkbox"/> Joint Honours Component (HC) <input type="checkbox"/> Joint Major <input type="checkbox"/> Internship/Co-op <input type="checkbox"/> Major Concentration (CON) <input type="checkbox"/> Thesis (T) <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Non-Thesis (N) <input type="checkbox"/> Minor Concentration (CON) <input type="checkbox"/> Other Please specify <input type="text"/>	<b>5.0 Rationale for revised program</b> <input type="text" value="Addition of complementary course to reduce need for substitutions. Removal of courses no longer offered on a regular basis. Combined complementary list as it was not necessary to separate the courses for the minor as it is not used for OAQ membership"/>
<b>1.5 Complete Program Title</b> <input type="text" value="Ecological Agriculture minor"/>	

**6.0 Revised Program Description (Maximum 150 words)**

same



7.0 List of existing program and proposed program

Existing program (list courses as follows: Subj Code/Crse Num, Title, Credit weight, under the headings of: Required Courses, Complementary Courses, Elective Courses)

Required

AGEC 430 Agric, Food & Resource Policy 3 Credits  
AGRI 215 Agro-Ecosystems Field Course 3 Credits  
AGRI 340 Princ of Ecological Agricult 3 Credits  
SOIL 535 Ecological Soil Management 3 Credits

Complementary Courses (12 credits)

Minimum of 6 agronomic credits from:

~~AGRI 310 Internship in Agriculture/Environment (3 credits)~~  
~~AGRI 435 Soil and Water Quality Management (3 credits)~~  
ANSC 312 Animal Health and Disease (3 credits)  
ENTO 352 Biocontrol of Pest Insects (3 credits)  
PLNT 302 Forage Crops and Pastures (3 credits)  
PLNT 307 Agroecology of Vegetables and Fruits (3 credits)  
PLNT 312 Urban Horticulture (3 credits)  
PLNT 434 Weed Biology and Control (3 credits)  
~~SOIL 326 Soils in a Changing Environment (3 credits)~~

Other complementary courses:

AGRI 411 Global Issues on Development, Food and Agriculture (3 credits)  
MICR 331 Microbial Ecology (3 credits)  
NUTR 341 Global Food Security (3 credits)  
PLNT 460 Plant Ecology (3 credits)  
WOOD 441 Integrated Forest Management (3 credits)

Proposed program (list courses as follows: Subj Code/Crse Num, Title, Credit weight, under the headings of: Required Courses, Complementary Courses, Elective Courses)

Required

AGEC 430 Agric, Food & Resource Policy 3 Credits  
AGRI 215 Agro-Ecosystems Field Course 3 Credits  
AGRI 340 Princ of Ecological Agricult 3 Credits  
SOIL 535 Ecological Soil Management 3 Credits

Complementary Courses (12 credits)

AGRI 310 Internship in Agr./Environ. 3 Credits  
AGRI 411 Global Issues on Dev, Food&Agr 3 Credits  
ANSC 312 Animal Health and Disease 3 Credits  
BREE 327 Bio-Environmental Engineering 3 credits  
ENTO 352 Biocontrol of Pest Insects 3 Credits  
MICR 331 Microbial Ecology 3 credits  
NUTR 341 Global Food Security 3 Credits  
PLNT 302 Forage Crops and Pastures 3 Credits  
PLNT 307 Agroecol of Vegetables&Fruits 3 Credits  
PLNT 312 Urban Horticulture 3 Credits  
PLNT 434 Weed Biology and Control 3 Credits  
PLNT 460 Plant Ecology 3 Credits  
WOOD 441 Integrated Forest Management 3 Credits

8.0 Consultation with  
Related Units

Yes  No

Financial Consult

Yes  No

Attach list of consultations

9. Approvals

Routing Sequence	Name	Signature	Date
Department	Martina Stromvik, Chair	Martina Stromvik <small>Signature required for all forms. Please print name and title. Do not use initials. Do not use a stamp. Do not use a signature that is not your own.</small>	Oct 2, 2017
Curric/Acad Committee	Marilyn E. Scott	Marilyn E. Scott	2018-01-08
Faculty 1			
Faculty 2			
Faculty 3			
CGPS			
SCTP			
APC			
Senate			

Submitted by

Name   
Phone   
Email   
Submission Date

To be completed by ARR:

CIP Code

10. FQRSC (Research) Indicator (for GPS): Yes No

## Joanne TenEyck

---

**From:** Mark Lefsrud, Dr.  
**Sent:** September-14-17 10:13 AM  
**To:** Roger I. Cue, Dr.  
**Subject:** RE: BREE 327, include in the Ecological Agriculture specialisation?

Roger  
I do not have an issue with this.  
Mark Lefsrud

---

**From:** Roger I. Cue, Dr.  
**Sent:** Thursday, September 14, 2017 9:15 AM  
**To:** Mark Lefsrud, Dr.  
**Subject:** BREE 327, include in the Ecological Agriculture specialisation?

To Prof. Mark Lefsrud, BREE

From Roger Cue  
Program Director, undergraduate Agro-Environmental Sciences major

Mark,

Caroline Begg (coordinator, specialisation in Ecological Agriculture) and I are carrying out some updating and tidying-up of the Ecological Agriculture specialisation (within the Agro-Environmental Sciences major). We wish to add BREE 327 Bio-environmental Engineering to the complementary list of courses and request your willingness for BREE 327 to be added to the complementary course list.

There are about 6 to 8 students per year in the Ecological Agriculture specialisation and it is unlikely that they would all opt to take BREE 327 (some will need/want to take more Agronomic courses).

Would you please reply below whether you are OK with this, or if you have objections:

**No Objections:xx**

**Some Objections:**

**Comments:**

For your information I show below the list of required and complementary courses:

Required

AGEC 430 Agric, Food & Resource Policy 3 Credits [w](#)  
AGRI 215 Agro-Ecosystems Field Course 3 Credits [f](#)



<p><b>1.0 Degree Title</b> Specify the two degrees for concurrent degree programs</p> <p>B.Sc. (Ag. Env. Sc.)</p> <p><b>1.1 Major (Legacy= Subject) (30-char. max.)</b></p> <p></p> <p><b>1.2 Concentration (Legacy = Concentration/Option) If applicable (30 char. max.)</b></p> <p>Ecological Agriculture</p>	<p><b>2.0 Administering Faculty/Unit</b></p> <p>FAES/Plant Science</p> <p><b>Offering Faculty/Department</b></p> <p>FAES/Plant Science</p> <p><b>3.0 Effective Term of revision or retirement</b> Please give reasons in 5.0 "Rationale" in the case of retirement (Ex. Sept. 2004 = 200409) <input type="checkbox"/> Retirement</p> <p>Term: 201809</p>
<p><b>1.3 Minor (with Concentration, if applicable) (30 char. max.)</b></p> <p></p> <p><b>1.4 Category</b></p> <p><input type="checkbox"/> Faculty Program (FP)      <input type="checkbox"/> Honours (HON)</p> <p><input type="checkbox"/> Major                              <input type="checkbox"/> Joint Honours Component (HC)</p> <p><input type="checkbox"/> Joint Major                      <input type="checkbox"/> Internship/Co-op</p> <p><input type="checkbox"/> Major Concentration (CON)   <input type="checkbox"/> Thesis (T)</p> <p><input type="checkbox"/> Minor                                <input type="checkbox"/> Non-Thesis (N)</p> <p><input type="checkbox"/> Minor Concentration (CON)   <input checked="" type="checkbox"/> Other</p> <p>Please specify specialization</p>	<p><b>4.0 Existing Credit Weight</b>      <b>Proposed Credit Weight</b></p> <p>24    24</p> <p><b>5.0 Rationale for revised program</b></p> <p>Addition of complementary course to reduce the need for substitutions and which are suitable for the OAQ requirements. Removal of courses no longer offered on a regular basis.</p>
<p><b>1.5 Complete Program Title</b></p> <p>B.Sc. (Ag.Env.Sc.), Ecological Agriculture specialization</p>	

**6.0 Revised Program Description (Maximum 150 words)**

same

7.0 List of existing program and proposed program

Existing program (list courses as follows: Subj Code/Crse Num, Title, Credit weight, under the headings of: Required Courses, Complementary Courses, Elective Courses)

Proposed program (list courses as follows: Subj Code/Crse Num, Title, Credit weight, under the headings of: Required Courses, Complementary Courses, Elective Courses)

Required

AGEC 430 Agric, Food & Resource Policy 3 Credits  
AGRI 215 Agro-Ecosystems Field Course 3 Credits  
AGRI 340 Princ of Ecological Agricult 3 Credits  
SOIL 535 Ecological Soil Management 3 Credits

Complementary Courses (12 credits)  
Minimum of 6 agronomic credits from:

AGRI 310 Internship in Agr./Environ. 3 Credits  
~~AGRI 435 Soil & Water Quality Mgmt 3 Credits~~  
ANSC 312 Animal Health and Disease 3 Credits  
ENTO 352 Biocontrol of Pest Insects 3 Credits  
PLNT 302 Forage Crops and Pastures 3 Credits  
PLNT 307 Agroecol of Vegetables&Fruits 3 Credits  
PLNT 434 Weed Biology and Control 3 Credits

Credits Taught only in alternate years  
~~SOIL 326 Soils in a Changing Environ 3 Credits~~  
PLNT 312 Urban Horticulture 3 Credits

Other complementary courses:

AGRI 411, Global Issues on Dev., Food & Agr. 3 Credits  
MICR 331 Microbial Ecology 3 Credits  
NUTR 341 Global Food Security 3 Credits  
PLNT 460 Plant Ecology 3 Credits  
WOOD 441 Integrated Forest Management 3 Credits

Required

AGEC 430 Agric, Food & Resource Policy 3 Credits  
AGRI 215 Agro-Ecosystems Field Course 3 Credits  
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SOIL 535 Ecological Soil Management 3 Credits

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AGRI 411 Global Issues on Dev, Food&Agr 3 Credits  
ANSC 312 Animal Health and Disease 3 Credits  
BREE 327 Bio-Environmental Engineering. 3 credits  
ENTO 352 Biocontrol of Pest Insects 3 Credits  
PLNT 307 Agroecol of Vegetables&Fruits 3 Credits  
PLNT 434 Weed Biology and Control 3 Credits  
PLNT 312 Urban Horticulture 3 Credits

Other complementary courses:

MICR 331 Microbial Ecology 3 Credits  
NUTR 341 Global Food Security 3 Credits  
PLNT 460 Plant Ecology 3 Credits  
PLNT 302 Forage Crops and Pastures 3 Credits  
WOOD 441 Integrated Forest Management 3 Credits

8.0 Consultation with  
Related Units

Yes  No

Financial Consult

Yes  No

Attach list of consultations

9. Approvals

Routing Sequence	Name	Signature	Date
Department	Martina Stromvik, Chair	Martina Stromvik <small>Signature of Martina Stromvik, Chair of the Department of Psychology, McGill University, Montreal, QC H3A 2B4</small>	Oct 2, 2017
Curric/Acad Committee	Marilyn E. Scott	Marilyn E. Scott	2018-01-08
Faculty 1			
Faculty 2			
Faculty 3			
CGPS			
SCTP			
APC			
Senate			

Submitted by

Name:   
Phone:   
Email:   
Submission Date:

To be completed by ARR:

CIP Code:

10. FQRSC (Research) Indicator (for GPS): Yes No

## Joanne TenEyck

---

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**Subject:** RE: BREE 327, include in the Ecological Agriculture specialisation?

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There are about 6 to 8 students per year in the Ecological Agriculture specialisation and it is unlikely that they would all opt to take BREE 327 (some will need/want to take more Agronomic courses).

Would you please reply below whether you are OK with this, or if you have objections:

**No Objections:xx**

**Some Objections:**

**Comments:**

For your information I show below the list of required and complementary courses:

Required

AGEC 430 Agric, Food & Resource Policy 3 Credits w  
AGRI 215 Agro-Ecosystems Field Course 3 Credits f



## Program/Major or Minor/Concentration Revision Form

(2013)

<p><b>1.0 Degree Title</b> Specify the two degrees for concurrent degree programs</p> <p>Master of Science Applied (M.Sc.A.)</p> <p><b>1.1 Major (Legacy= Subject) (30-char. max.)</b></p> <p>Plant Science</p> <p><b>1.2 Concentration (Legacy = Concentration/Option) If applicable (30 char. max.)</b></p> <p>N/A</p> <p><b>1.3 Minor (with Concentration, if applicable) (30 char. max.)</b></p> <p>N/A</p> <p><b>1.4 Category</b></p> <table border="0"> <tr> <td><input type="checkbox"/> Faculty Program (FP)</td> <td><input type="checkbox"/> Honours (HON)</td> </tr> <tr> <td><input type="checkbox"/> Major</td> <td><input type="checkbox"/> Joint Honours Component (HC)</td> </tr> <tr> <td><input type="checkbox"/> Joint Major</td> <td><input type="checkbox"/> Internship/Co-op</td> </tr> <tr> <td><input type="checkbox"/> Major Concentration (CON)</td> <td><input type="checkbox"/> Thesis (T)</td> </tr> <tr> <td><input type="checkbox"/> Minor</td> <td><input checked="" type="checkbox"/> Non-Thesis (N)</td> </tr> <tr> <td><input type="checkbox"/> Minor Concentration (CON)</td> <td><input type="checkbox"/> Other</td> </tr> </table> <p>Please specify</p> <p>_____</p> <p><b>1.5 Complete Program Title</b></p> <p>Master of Science Applied (M.Sc.A.) Plant Science</p>	<input type="checkbox"/> Faculty Program (FP)	<input type="checkbox"/> Honours (HON)	<input type="checkbox"/> Major	<input type="checkbox"/> Joint Honours Component (HC)	<input type="checkbox"/> Joint Major	<input type="checkbox"/> Internship/Co-op	<input type="checkbox"/> Major Concentration (CON)	<input type="checkbox"/> Thesis (T)	<input type="checkbox"/> Minor	<input checked="" type="checkbox"/> Non-Thesis (N)	<input type="checkbox"/> Minor Concentration (CON)	<input type="checkbox"/> Other	<p><b>2.0 Administering Faculty/Unit</b></p> <p>Graduate and Postdoctoral Studies</p> <p><b>Offering Faculty/Department</b></p> <p>FAES/ Plant Science</p> <p><b>3.0 Effective Term of revision or retirement</b> Please give reasons in 5.0 "Rationale" in the case of retirement (Ex. Sept. 2004 = 200409)      <input type="checkbox"/> Retirement</p> <p>Term: Fall 2018</p> <p><b>4.0 Existing Credit Weight</b>      <b>Proposed Credit Weight</b></p> <p>45      45</p> <p><b>5.0 Rationale for revised program</b></p> <p>This program has been revised to attract students who want to further their career with a graduate degree including a research project, but who do not want to do a full thesis program.</p> <p>Currently it is not taking students and the official content consists in courses that are no longer given. However, previously it was a course-based program aimed towards industry personnel.</p> <p>From now on, it will be a course-based program that includes a research component.</p>
<input type="checkbox"/> Faculty Program (FP)	<input type="checkbox"/> Honours (HON)												
<input type="checkbox"/> Major	<input type="checkbox"/> Joint Honours Component (HC)												
<input type="checkbox"/> Joint Major	<input type="checkbox"/> Internship/Co-op												
<input type="checkbox"/> Major Concentration (CON)	<input type="checkbox"/> Thesis (T)												
<input type="checkbox"/> Minor	<input checked="" type="checkbox"/> Non-Thesis (N)												
<input type="checkbox"/> Minor Concentration (CON)	<input type="checkbox"/> Other												

**6.0 Revised Program Description (Maximum 150 words)**

The M.Sc. Applied (Non-Thesis) degree is designed for students who wish to supplement their basic degree with graduate studies in plant science. Several areas of study are available, including, but not limited to, plant protection, plant production, plant biology and plant genomics. Students will be required to complete 30 credits of graduate coursework, as well as a 15-credit research project.

Old description: None or not available. Current description mentions that the program is currently under revision



7.0 List of existing program and proposed program

Existing program (list courses as follows: Subj Code/Crse Num, Title, Credit weight, under the headings of: Required Courses, Complementary Courses, Elective Courses)

Project component - Required (18 credits)

- 367-693C Project Proposal (6)
- 367-694C Project Progress Report (6)
- 367-695C Project (6)

Required courses (27 credits)

- 360-610 Statistical Methods II (3)
- 367-670 Special Topics I (3)
- 350-454 Pest Insects (3)
- 367-632 Plant Virus Diseases (3)
- 367-636 Epidemiology and Management of Plant Diseases (3)
- 336-251 Microcomputer Applications (3)
- 350-726 Insect Population Dynamics (3)
- 330-401 Integrated Crop Protection (3)
- 367-687 Seminar in Plant Science (3)

Proposed program (list courses as follows: Subj Code/Crse Num, Title, Credit weight, under the headings of: Required Courses, Complementary Courses, Elective Courses)

Project component - Required (15 credits)

- PLNT 643 Research Project 1 (3)
- PLNT 644 Research Project 2 (6)
- PLNT 645 Research Project 3 (6)

Complementary courses (15 credits)

At least 12 credits from the following list:

- PLNT 602 Advances in Agronomy (3)
- PLNT 619 Advances in Plant Biology and Physiology (3)
- PLNT 622 Advances in Plant Protection (3)
- PLNT 650 Advances in Plant Biodiversity and Ecology (3)
- PLNT 646 Advances in Plant-Biotic & Abiotic Interactions (3)
- PLNT 662 Advances in Plant Biotechnology (3)

At least 3 credits from the following:

- AEMA 610 Statistical Methods 2 (3)
  - AEMA 611 Experimental Designs 1 (3)
  - AEMA 614 Temporal and Spatial Statistics (3)
- or another advanced level statistics course

An additional 15 credits at the 500- or 600-level recommended by the Advisory Committee.

8.0 Consultation with  
Related Units


Yes  No

Financial Consult

Yes  No

Attach list of consultations

9. Approvals

Routing Sequence	Name	Signature	Date
Department	Martina Stromvik		Oct 18, 2017
Curric/Acad Committee	Marilyn E. Scott	Marilyn E. Scott	2018-01-08
Faculty 1			
Faculty 2			
Faculty 3			
CGPS			
SCTP			
APC			
Senate			

Submitted by

Name: Valerie Gravel  
Phone:   
Email: valerie.gravel@mcgill.ca  
Submission Date:

To be completed by ARR:

CIP Code:

10. FQRSC (Research) Indicator (for GPS): Yes No



## Program/Major or Minor/Concentration Revision Form

(2013)

**1.0 Degree Title**

Specify the two degrees for concurrent degree programs

B.Sc.

**1.1 Major (Legacy= Subject) (30-char. max.)**

Dietetics

**1.2 Concentration (Legacy = Concentration/Option)  
If applicable (30 char. max.)**

[Empty box]

**1.3 Minor (with Concentration, if applicable)  
(30 char. max.)**

[Empty box]

**1.4 Category**

- Faculty Program (FP)
  - Major
  - Joint Major
  - Major Concentration (CON)
  - Minor
  - Minor Concentration (CON)
  - Honours (HON)
  - Joint Honours Component (HC)
  - Internship/Co-op
  - Thesis (T)
  - Non-Thesis (N)
  - Other
- Please specify

[Empty box]

**1.5 Complete Program Title**

B.Sc. Nutritional Sciences, Dietetics

**2.0 Administering Faculty/Unit**

School of Human Nutrition

**Offering Faculty/Department**

School of Human Nutrition

**3.0 Effective Term of revision or retirement**

Please give reasons in 5.0 "Rationale" in the case of retirement

(Ex. Sept. 2004 = 200409)

Retirement

Term: 201809

**4.0 Existing Credit Weight**

115

**Proposed Credit Weight**

115

**5.0 Rationale for revised program**

Revision of website address in introductory paragraph  
Removal of NUTR 510 (14 cr)  
Addition of NUTR 508 (7 cr) and NUTR 509 (7 cr)

The rationale to split the 14 credit course into two 7 credit courses is that in the case of a student who fails 1 out of the assigned stage rotations, they currently fail the whole 14 credits and CGPA is significantly impacted.

Students complete rotations in 3 domains; clinical nutrition, management and community nutrition. Typically if there is a fail, it is in only 1 domain. By splitting the course into two 7 credit courses, it can better reflect the actual portion failed.

**6.0 Revised Program Description (Maximum 150 words)**

[Large empty box for program description]

## 7.0 List of existing program and proposed program

Existing program (list courses as follows: Subj Code/Crse Num, Title, Credit weight, under the headings of: Required Courses, Complementary Courses, Elective Courses)

### Required Courses (109 credits)

Required courses and Professional Practice (Stage) courses are integrated and sequenced in a specific order over nine terms (3.5-year program). See <http://www.mcgill.ca/dietetics> for further detailed information regarding the undergraduate program plan, including a term by term sequence of courses.

AEMA 310 (3) Statistical Methods 1  
ANSC 234 (3) Biochemistry 2  
ANSC 323 (3) Mammalian Physiology  
ANSC 424 (3) Metabolic Endocrinology  
LSCI 211 (3) Biochemistry 1  
LSCI 230 (3) Introductory Microbiology  
NUTR 207 (3) Nutrition and Health  
NUTR 208\* (2) Professional Practice Stage 1A  
NUTR 209\* (2) Professional Practice Stage 1B  
NUTR 214 (4) Food Fundamentals  
NUTR 217 (4) Application: Food Fundamentals  
NUTR 307 (3) Human Nutrition  
NUTR 310\* (2) Professional Practice Stage 2A  
NUTR 311\* (5) Professional Practice Stage 2B  
NUTR 322 (3) Applied Sciences Communication  
NUTR 337 (3) Nutrition Through Life  
NUTR 341 (3) Global Food Security  
NUTR 343 (3) Accounting and Cost Control  
NUTR 344 (4) Clinical Nutrition 1  
NUTR 345 (4) Food Service Systems Management  
NUTR 346 (2) Quantity Food Production  
NUTR 403 (3) Nutrition in Society  
NUTR 408\* (1) Professional Practice Stage 3A  
NUTR 409\* (9) Professional Practice Stage 3B  
NUTR 438 (3) Interviewing and Counselling  
NUTR 446 (3) Applied Human Resources  
NUTR 450 (3) Research Methods: Human Nutrition

NUTR 510\* (14) Professional Practice - Stage 4  
NUTR 545 (4) Clinical Nutrition 2  
NUTR 546 (4) Clinical Nutrition 3

### Complementary Course (3 credits)

Choose one 3 credit course (200 level or higher) in human behavior social science from the following list.

NUTR 301 (3) Psychology  
PSYC 215 (3) Social Psychology  
SOC 210 (3) Sociological Perspectives  
EDPE 300 (3) Educational Psychology

### Elective Courses (3 credits)

Students who need to improve their proficiency in either English or French are strongly encouraged to choose their electives for that purpose. Students who wish to take language courses should check with the French Language Centre, Faculty of Arts, as placement testing may be required. Students are encouraged to develop a working knowledge of French in order to optimize their participation and learning in Stage placement sites. Similar to the language policy for Medicine, a functional working knowledge of French is expected by second year. Alternate elective choices may include, but are not limited to:

NUTR 501 (3) Nutrition in Developing Countries  
NUTR 503 (3) Bioenergetics and the Lifespan  
NUTR 512 (3) Herbs, Foods and Phytochemicals

### A Compulsory Immunization

A compulsory immunization program exists at McGill which is required for Dietetics students to practice. Students should complete their immunization before or soon after arriving at Macdonald campus; confirmation of immunization will be coordinated by the Health nurse through Student Services (<http://www.mcgill.ca/studenthealth/>). Certain deadlines may apply.

Proposed program (list courses as follows: Subj Code/Crse Num, Title, Credit weight, under the headings of: Required Courses, Complementary Courses, Elective Courses)

### Required Courses (109 credits)

Required courses and Professional Practice (Stage) courses are integrated and sequenced in a specific order over nine terms (3.5-year program). See <https://www.mcgill.ca/nutrition/programs/undergraduate/dietetics> for further detailed information regarding the undergraduate program plan, including a term by term sequence of courses.

AEMA 310 (3) Statistical Methods 1  
ANSC 234 (3) Biochemistry 2  
ANSC 323 (3) Mammalian Physiology  
ANSC 424 (3) Metabolic Endocrinology  
LSCI 211 (3) Biochemistry 1  
LSCI 230 (3) Introductory Microbiology  
NUTR 207 (3) Nutrition and Health  
NUTR 208\* (2) Professional Practice Stage 1A  
NUTR 209\* (2) Professional Practice Stage 1B  
NUTR 214 (4) Food Fundamentals  
NUTR 217 (4) Application: Food Fundamentals  
NUTR 307 (3) Human Nutrition  
NUTR 310\* (2) Professional Practice Stage 2A  
NUTR 311\* (5) Professional Practice Stage 2B  
NUTR 322 (3) Applied Sciences Communication  
NUTR 337 (3) Nutrition Through Life  
NUTR 341 (3) Global Food Security  
NUTR 343 (3) Accounting and Cost Control  
NUTR 344 (4) Clinical Nutrition 1  
NUTR 345 (4) Food Service Systems Management  
NUTR 346 (2) Quantity Food Production  
NUTR 403 (3) Nutrition in Society  
NUTR 408\* (1) Professional Practice Stage 3A  
NUTR 409\* (9) Professional Practice Stage 3B  
NUTR 438 (3) Interviewing and Counselling  
NUTR 446 (3) Applied Human Resources  
NUTR 450 (3) Research Methods: Human Nutrition  
NUTR 508\* (7) Professional Practice Stage 4a  
NUTR 509\* (7) Professional Practice Stage 4b  
~~NUTR 510\* (14) Professional Practice - Stage 4~~  
NUTR 545 (4) Clinical Nutrition 2  
NUTR 546 (4) Clinical Nutrition 3

### Complementary Course (3 credits)

Choose one 3 credit course (200 level or higher) in human behavior social science from the following list.

NUTR 301 (3) Psychology  
PSYC 215 (3) Social Psychology  
SOC 210 (3) Sociological Perspectives  
EDPE 300 (3) Educational Psychology

### Elective Courses (3 credits)

Students who need to improve their proficiency in either English or French are strongly encouraged to choose their electives for that purpose. Students who wish to take language courses should check with the French Language Centre, Faculty of Arts, as placement testing may be required. Students are encouraged to develop a working knowledge of French in order to optimize their participation and learning in Stage placement sites. Similar to the language policy for Medicine, a functional working knowledge of French is expected by second year. Alternate elective choices may include, but are not limited to:

NUTR 501 (3) Nutrition in Developing Countries  
NUTR 503 (3) Bioenergetics and the Lifespan  
NUTR 512 (3) Herbs, Foods and Phytochemicals

### A Compulsory Immunization

A compulsory immunization program exists at McGill which is required for Dietetics students to practice. Students should complete their immunization before or soon after arriving at Macdonald campus; confirmation of immunization will be coordinated by the Health nurse through Student Services (<http://www.mcgill.ca/studenthealth/>). Certain deadlines may apply.

Attach extra page(s) as needed

Program/Major or Minor/ Concentration Revision Form P2-2

8.0 Consultation with  
Related Units


Yes  No

Financial Consult

Yes  No

Attach list of consultations

9. Approvals

Routing Sequence	Name	Signature	Date
Department	Linda Wylces		2018-01-08
Curric/Acad Committee	Marilyn E. Scott		2018-01-08
Faculty 1			
Faculty 2			
Faculty 3			
CGPS			
SCTP			
APC			
Senate			

Submitted by

Name

Phone

Email

Submission Date

To be completed by ARR:

CIP Code

10. FQRSC (Research) Indicator (for GPS): Yes No



### 1.0 Degree Title

Please specify the two degrees for concurrent degree programs

Master of Science, Applied (M.Sc.A.)

### 2.0 Administering Faculty/Unit

Graduate and Postdoctoral Studies

### 1.1 Major (Legacy= Subject)(30-char. max.)

Animal Science

### Offering Faculty/Department

FAES / Animal Science

### 1.2 Concentration (Legacy = Concentration/Option) If applicable to Majors only (30 char. max.)

Sustainable Agriculture Option

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

201809

### 1.3 Minor (with Concentration, if Applicable) (30 char. max.)

N/A

### 4.0 Rationale and Admission Requirements for New Proposal

This program has been designed to attract students who want to do a non-thesis graduate degree, but still carry out a research project in animal science, focusing on sustainable agriculture. The required coursework will give students the foundations that they require to carry out their research project. Additional coursework will focus on areas of sustainability related primarily to animal science.

### 5.0 Program Information

Please check appropriate box(es)

#### 5.1 Program Type

- Bachelor's Program
- Master's
- M.Sc. (Applied) Program
- Dual Degree/Concurrent Program
- Certificate
- Diploma
- Graduate Certificate
- Graduate Diploma
- Ph.D. Program
- Doctorate Program  
(Other than Ph.D.)
- Private Program
- Off-Campus Program
- Distance Education Program  
(By Correspondence)
- Other (Please specify)

#### 5.2 Category

- Faculty Program (FP)
- Major
- Joint Major
- Major Concentration (CON)
- Minor
- Minor Concentration (CON)
- Honours (HON)
- Joint Honours Component (HC)
- Internship/Co-op
- Thesis (T)
- Non-Thesis (N)
- Other

Please specify

#### 5.3 Level

- Undergraduate
- Dentistry/Law/Medicine
- Continuing Ed (Non-Credit)
- Collegial
- Masters & Grad Dips & Certs
- Doctorate
- Post-Graduate Medicine/Dentistry
- Graduate Qualifying
- Postdoctoral Fellows

#### 5.4 FQRSC (Research) Indicator

(for GPS) Yes No

### 6.0 Total Credits

45

### 7.0 Consultation with Related Units

Yes  No

### Financial Consult

Yes  No

Attach list of consultations.

**8.0 Program Description (Maximum 150 words)**

Climate change and rising human population have increased the need for sustainable agricultural practices. The Sustainable Agriculture option is taken with a M.Sc. Applied (Non-Thesis) program, and designed for students who wish to supplement their basic degree with graduate studies in animal science, with a specific focus on sustainability and agriculture. Students will be exposed to different approaches to improve the sustainability of agricultural systems through specialized coursework and a research project. The degree requirements include 15 credits of coursework focused on sustainability, 15 credits in complementary and elective courses from the Department of Animal Science and other academic units, as well as a 15-credit research project.

**9.0 List of proposed program for the New Program/Major or Minor/Concentration.**

If new concentration (option) of existing Major/Minor (program), please attach a program layout (list of all courses) of existing Major/Minor.

Proposed program (list courses as follows: Subj Code/Crse Num, Title, Credit weight under the headings of: Required Courses, Complementary Courses, Elective Courses)

**Project component - Required (15 credits)**

- ANSC 643 Project 1 (3)
- ANSC 644 Project 2 (3)
- ANSC 645 Project 3 (3)
- ANSC 646 Project 4 (3)
- ANSC 647 Project 5 (3)

**Required Courses (12 credits)**

- ANSC 555 The Use and Welfare of Animals (3)
- BREE 533 Water Quality Management (3)
- IGFS 611 Advanced Issues on Development, Food and Agriculture (3)
- PLNT 602 Advances in Agronomy (3)

**Complementary Course List 1 (3 credits)**

- AEMA 610 Statistical Methods 2 (3)
- AEMA 611 Experimental Designs 1 (3)
- AEMA 614 Temporal and Spatial Statistics 1 (3)

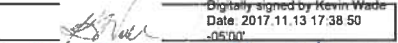
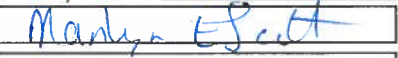
**Complementary Course List 2 (9 - 15 credits)**

At least 9 credits from the following list:

- ANSC 530 Experimental Techniques in Nutrition (3)
- ANSC 551 Carbohydrate and Lipid Metabolism (3)
- ANSC 552 Protein Metabolism and Nutrition (3)
- ANSC 560 Biology of Lactation (3)
- ANSC 565 Applied Information Systems (3)
- ANSC 637 Livestock Breeding Systems (3)
- ANSC 604 Advanced Animal Biotechnology (3)
- ANSC 611D1 / D2 Advanced Reproductive Biology (2 x 1½)
- ANSC 622 Experimental Techniques in Animal Science (3)
- ANSC 635 Vitamins and Minerals in Nutrition (3)
- FDSC 545 Advances in Food Microbiology (3)
- PLNT 662 Advances in Plant Biotechnology (3)

**Complementary Course List 3 (0 - 6 credits)**

Sufficient 500-, or 600-level courses (with Advisor's approval) to bring the total credits to 45.

10.0 Approvals			
Routing Sequence	Name	Signature	Date
Department	Kevin Wade	 <small>Digitally signed by Kevin Wade Date: 2017.11.13 17:38:50 +0500</small>	November 13, 2017
Curric/Acad Committee	Marilyn E. Scott		2017-10-30
Faculty 1			
Faculty 2			
Faculty 3			
CGPS			
SCTP			
APC			
Senate			

Submitted by		To be completed by ARR:	
Name	Kevin Wade		
Phone	7973	CIP Code	
Email	kevin.wade@mcgill.ca		
Submission Date	November 13, 2017		

**Current Program Listing**

Master of Science, Applied (M.Sc.A.) Animal Science (Non-Thesis) (45 credits)  
 Offered by: Animal Science Degree: Master of Science Applied

**Program Requirements**  
 The program aims to provide graduate training in applied areas of animal production with a view toward integrating technology and management in animal production with allied areas of agricultural resource utilization.

**Research Project (15 credits)**

- ANSC 643 Project 1 (3 credits)
- ANSC 644 Project 2 (3 credits)
- ANSC 645 Project 3 (3 credits)
- ANSC 646 Project 4 (3 credits)
- ANSC 647 Project 5 (3 credits)

**Complementary Courses (30 credits)**  
 15-30 credits from the following:

- AEMA 610 Statistical Methods 2 (3 credits)
- ANSC 504 Population Genetics (3 credits)
- ANSC 530 Experimental Techniques in Nutrition (3 credits)
- ANSC 551 Carbohydrate and Lipid Metabolism (3 credits)
- ANSC 552 Protein Metabolism and Nutrition (3 credits)
- ANSC 560 Biology of Lactation (3 credits)
- ANSC 565 Applied Information Systems (3 credits)
- ANSC 600 Advanced Eukaryotic Cells and Viruses (3 credits)
- ANSC 604 Advanced Animal Biotechnology (3 credits)
- ANSC 605 Estimation: Genetic Parameters (3 credits)
- ANSC 606 Selection Index and Animal Improvement (3 credits)
- ANSC 622 Selected Topics in Molecular Biology (3 credits) \*
- ANSC 635 Vitamins and Minerals in Nutrition (3 credits)
- ANSC 636 Analysis - Animal Breeding Research Data (3 credits)
- ANSC 691 Special Topic: Animal Sciences (3 credits)
- ANSC 692 Topic in Animal Sciences 1 (3 credits)

0-15 credits selected from 500- and 600-level courses from across the Faculty (with the possibility of up to 9 credits from outside the Faculty if deemed appropriate by the supervisor).

\* Recently revised to "Experimental Techniques in Animal Science"





<p><b>1.0 Degree Title</b> Please specify the two degrees for concurrent degree programs</p> <input type="text" value="Master of Science, Applied (M.Sc.A.)"/>	<p><b>2.0 Administering Faculty/Unit</b></p> <input type="text" value="Graduate and Postdoctoral Studies"/>
<p><b>1.1 Major (Legacy= Subject)(30-char. max.)</b></p> <input type="text" value="Plant Science"/>	<p><b>Offering Faculty/Department</b></p> <input type="text" value="FAES / Plant Science"/>
<p><b>1.2 Concentration (Legacy = Concentration/Option)</b> If applicable to Majors only (30 char. max.)</p> <input type="text" value="Sustainable Agriculture Option"/>	<p><b>3.0 Effective Term of Implementation</b> (Ex. Sept. 2004 = 200409) Term</p> <input type="text" value="201809"/>
<p><b>1.3 Minor (with Concentration, if Applicable) (30 char. max.)</b></p> <input type="text" value="N/A"/>	

**4.0 Rationale and Admission Requirements for New Proposal**

This program has been designed to attract students who want to do a non-thesis graduate degree, but still carry out a research project in plant science, focusing on sustainable agriculture. The required coursework will give students the foundations that they require to carry out their research project. Additional coursework will focus on plant science, with course options ranging the academic options of the Faculty of Agricultural and Environmental Sciences.

**5.0 Program Information**  
Please check appropriate box(es)

<p><b>5.1 Program Type</b></p> <input type="checkbox"/> Bachelor's Program <input type="checkbox"/> Master's <input checked="" type="checkbox"/> M.Sc. (Applied) Program <input type="checkbox"/> Dual Degree/Concurrent Program <input type="checkbox"/> Certificate <input type="checkbox"/> Diploma <input type="checkbox"/> Graduate Certificate <input type="checkbox"/> Graduate Diploma <input type="checkbox"/> Ph.D. Program <input type="checkbox"/> Doctorate Program (Other than Ph.D.) <input type="checkbox"/> Private Program <input type="checkbox"/> Off-Campus Program <input type="checkbox"/> Distance Education Program (By Correspondence) <input type="checkbox"/> Other (Please specify) <input type="text"/>	<p><b>5.2 Category</b></p> <input type="checkbox"/> Faculty Program (FP) <input type="checkbox"/> Major <input type="checkbox"/> Joint Major <input type="checkbox"/> Major Concentration (CON) <input type="checkbox"/> Minor <input type="checkbox"/> Minor Concentration (CON) <input type="checkbox"/> Honours (HON) <input type="checkbox"/> Joint Honours Component (HC) <input type="checkbox"/> Internship/Co-op <input type="checkbox"/> Thesis (T) <input checked="" type="checkbox"/> Non-Thesis (N) <input type="checkbox"/> Other Please specify <input type="text"/>	<p><b>5.3 Level</b></p> <input type="checkbox"/> Undergraduate <input type="checkbox"/> Dentistry/Law/Medicine <input type="checkbox"/> Continuing Ed (Non-Credit) <input type="checkbox"/> Collegial <input checked="" type="checkbox"/> Masters & Grad Dips & Certs <input type="checkbox"/> Doctorate <input type="checkbox"/> Post-Graduate Medicine/Dentistry <input type="checkbox"/> Graduate Qualifying <input type="checkbox"/> Postdoctoral Fellows <p><b>5.4 FQRSC (Research) Indicator</b> (for GPS) Yes No</p>
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**6.0 Total Credits**

**7.0 Consultation with Related Units**      Yes  No

**Financial Consult**      Yes  No

Attach list of consultations.

8.0 Program Description (Maximum 150 words)

Climate change and rising human population have increased the need for sustainable agricultural practices. The Sustainable Agriculture option is taken with a M.Sc. Applied (Non-Thesis) program, and designed for students who wish to supplement their basic degree with graduate studies in plant science with a specific focus on sustainability and agriculture. Students will be exposed to different approaches to improve the sustainability of agricultural systems through specialized coursework and a research project. The degree requirements include 15 credits of graduate coursework focused on sustainability, 15 credits in complementary and elective graduate courses from the Department of Plant Science and other academic units, as well as a 15-credit research project.

9.0 List of proposed program for the New Program/Major or Minor/Concentration.

If new concentration (option) of existing Major/Minor (program), please attach a program layout (list of all courses) of existing Major/Minor.

Proposed program (list courses as follows: Subj Code/Crse Num, Title, Credit weight under the headings of: Required Courses, Complementary Courses, Elective Courses)

Project component - Required (15 credits)

- PLNT 643 Research Project 1 (3)
- PLNT 644 Research Project 2 (6)
- PLNT 645 Research Project 3 (6)

Required Courses (12 credits)

- ANSC 555 The Use and Welfare of Animals (3)
- BREE 533 Water Quality Management (3)
- IGFS 611 Advanced Issues on Development, Food and Agriculture (3)
- PLNT 602 Advances in Agronomy (3)

Complementary courses (18 credits)

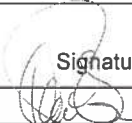
3 credits from the following list:

- AEMA 610 Statistical Methods 2 (3) or AEMA 611 Experimental Designs 1 (3) or AEMA 614 Temporal and Spatial Statistics 1 (3)

At least 9 credits from the following list:

- ANSC 637 Livestock Breeding Schemes (3)
- BINF 511 Bioinformatics for Genomics (3)
- PLNT 619 Advances in Plant Biology and Physiology (3)
- PLNT 622 Advances in Plant Protection (3)
- PLNT 646 Advances in Plant-Biotic and Abiotic Interactions (3)
- PLNT 650 Advances in Plant Biodiversity and Ecology (3)
- PLNT 662 Advances in Plant Biotechnology (3)
- SOIL 535 Ecological Soil Management (3)

Up to an additional 6 credits at the 500- or 600-level recommended by the Advisory Committee

10.0 Approvals			
Routing Sequence	Name	Signature	Date
Department	Martina Stromvik		Oct 18, 2017
Curric/Acad Committee	Marilyn E. Scott	Marilyn E. Scott	2018-01-08
Faculty 1			
Faculty 2			
Faculty 3			
CGPS			
SCTP			
APC			
Senate			

Submitted by

Name	Martina Stromvik	To be completed by ARR:
Phone	8627	CIP Code
Email	martina.stromvik@mcgill.ca	
Submission Date		

## **M.Sc. (Applied) in Plant Science**

### Existing Program

Project component - Required (18 credits)

- 367-693C Project Proposal (6)
- 367-694C Project Progress Report (6)
- 367-695C Project (6)

Required courses (27 credits)

- 360-610 Statistical Methods II (3)
- 367-670 Special Topics I (3)
- 350-454 Pest Insects (3)
- 367-632 Plant Virus Diseases (3)
- 367-636 Epidemiology and Management of Plant Diseases (3)
- 336-251 Microcomputer Applications (3)
- 350-726 Insect Population Dynamics (3)
- 330-401 Integrated Crop Protection (3)
- 367-687 Seminar in Plant Science (3)

## **M.Sc. (Applied) in Plant Science**

### Proposed Program

Project component - Required (15 credits)

- PLNT 643 Research Project 1 (3)
- PLNT 644 Research Project 2 (6)
- PLNT 645 Research Project 3 (6)

Complementary courses (15 credits)

At least 12 credits from the following list:

- PLNT 602 Advances in Agronomy (3)
- PLNT 619 Advances in Plant Biology and Physiology (3)
- PLNT 622 Advances in Plant Protection (3)
- PLNT 650 Advances in Plant Biodiversity and Ecology (3)
- PLNT 646 Advances in Plant-Biotic & Abiotic Interactions (3)
- PLNT 662 Advances in Plant Biotechnology (3)

At least 3 credits from the following:

- AEMA 610 Statistical Methods 2 (3)
  - AEMA 611 Experimental Designs 1 (3)
  - AEMA 614 Temporal and Spatial Statistics (3)
- or another advanced level statistics course

An additional 15 credits at the 500- or 600-level recommended by the Advisory Committee.