

## New Course

Proposal Reference : 7348  
 Number  
 PRN Alias : 13-14#761  
 Version No : 8  
 Submitted By : Prof Navin  
 Ramankutty  
 Edited By : Prof Navin  
 Ramankutty

[Display Printable PDF](#)

New Data					
Program Affected?	Y				
Program Change Form Submitted?	N (Simple Change) - Please add this course to the "Complementary Courses Section 2A" of the B.A & Sc. Interfaculty program in Sustainability, Science, and Society.				
Subject/Course/Term	GEOG 520  z one term				
Credit Weight or CEUs	3 credits				
Course Activities	<table border="1"> <thead> <tr> <th>Schedule Type</th> <th>Hours per week</th> </tr> </thead> <tbody> <tr> <td>M - Seminar</td> <td>3</td> </tr> </tbody> </table>	Schedule Type	Hours per week	M - Seminar	3
	Schedule Type	Hours per week			
M - Seminar	3				
Total Hours per Week : 3 Total Number of Weeks : 13					
Course Title	<table border="1"> <tbody> <tr> <td>Official Course Title :</td> <td>Agric., Envir., &amp; Food Security</td> </tr> <tr> <td>Course Title in Calendar :</td> <td>Agriculture, Environment, and Food Security</td> </tr> </tbody> </table>	Official Course Title :	Agric., Envir., & Food Security	Course Title in Calendar :	Agriculture, Environment, and Food Security
	Official Course Title :	Agric., Envir., & Food Security			
Course Title in Calendar :	Agriculture, Environment, and Food Security				
Rationale	Food security is a continuing challenge for humanity. At the same time, agriculture has become a major source of global environmental change. These changes, in turn, are affecting global food production. How can we increase food security while reducing agriculture's environmental footprint? These issues are of increasing concern and interest among McGill students and there is currently no course on the downtown campus that addresses the production, socio-economic, nutritional, and environmental challenges related to agriculture.				
Responsible Instructor	Navin Ramankutty				
Course Description	This course will cover multiple dimensions of the food security-environment challenge, including the biophysical, economic, nutritional, socio-political, and policy/institutional. It will use a global perspective, drawing upon both global-scale research as well as case studies from different regions of the world to understand the geography of agricultural production, its environmental footprint, and of malnutrition.				
Teaching Dept.	0288 : Geography				

Administering  
Faculty/Unit

SC : Faculty of Science

Prerequisites

ENVR 201, and NUTR 341 or any 300 or 400-level course

Approvals Summary

[Show all comments](#)

520+ " # "# ) \$ ") \$ ! "& # "&

0#( ' (%/..3  
)' PLQ /,(-# &&  
"9 OKN;MSR;RNLR  
' #&9  
# ! " "

"# 0#(! )) - /, #.3 ), KJ #&&#)( \* )\*&0#1,")#&(., &/ #)(!\* ,#(. )  
!,# /&./, #- ' \$), " && (! ) ." ( 2#( ,(./),/3÷ 7( 1"#1-#&& #- /--  
' / KJf& 1#&&(.Q { ° l&Ð !&) & \* ,-\* .#0 )( ." #--/ -7

, - , " - 1 &&' # -, (-./, ##-)(- ) ."  
3 ) !, # /&./-, &(0\*#))( ' .#.)(& #) . \* , #(.7 (

) ." )&&)1#(! )'\*)( (-.9  
& ,.# & - 0 ,3 1 %:  
\$)/,( & ,.# & :

1), -F )( .) \* #.#)"( )-1#.#(#(}{;/&.), :

MJJ ), NJJ; &&0/,&& )-/,# (#(7 !, #&!)!37  
'37 ), (/., #.# #)(7 ), ##=", /' .)'#- -., # . .)

." /,, (. &#-/-../#( #& !&))) & /, #.3:  
/( ,.-. ( \* \* , -:  
' -)' ) ." #(. "\*)# "&-:/-  
! ( )(-., / . 3)#,(!)1)( /(' ,#. & :

#- /-- L;N#\$0'/,(.-&1#&& & -!#0-( \* ,#) # &&3  
&-) 1),% )(\*#.)' 3)\*,, )0# . - & . #(  
:

&&)1#(! ,#., # 9  
' (- - )(\$)B,(- & (, 2# & -.#E)KID T  
& ,.# & - EK(JF8 - ,/ ,# . ."  
-8 - ,/ ,# . ." ( F

\$ # " ! " " &  
 • ") , . 1 , # . # (! -- # ! ( ' ( . - 9 " 1 % 7 & ) (! 1## . 7 - - # ) (\* 7 \* 3 ,) - / 1) # & & ,  
 - . ) + / - . # ) ( - ) / . . " \* \* , - : , # . . ( , / - \* ) ( = " - 1 # & & ( # (! )  
 & -- 7 ( 1 # & & ! , 0 , 3 1 % :  
 • % & 3 # - / -- # ) ( - 9 , - 1 # & & - ) : ( . M ! , / , # 1 # # & & # ! # 0 (   
 / , # (! . " ) / , - ) . " - ' - . , 7 , ) / ! " & 3 ) ( ' ) ( . " :  
 • # (! # - / -- # ) ( - 9 ) / 1 # & & , - \* ) ( - # # & / -- # , ) ( & ) # (! \$ ) / , ( & , . :  
 , \* , # (! ) , . " # - , + / # , - 3 ) / . ) , . " ( , \* # & , , + / & & # ) 7 ( , ) / (   
 1 " # " . " # - / -- # ) ( - . # ) ( ( ) , ! ( # 4 " # / : " # . ) (\* \* ( , : ) / . . "   
 \* \* , # . - & 7 ) , # . ( ' ) , - 3 ( . " . # - + ) ( - . # ) (\* . \* , # / - , - - -   
 , ) , + / - . # ) ( ) ) ( , ( . ) . " ) / , - : , / , # ) , .

\$' \$ '' C\*1/1&#-" )(&#( D7  
O: ,, ..7 : :7 -/,#(! )) (-&7@#CPD7 P QD7 RLO;RLR7 LJKJ:  
P: (7 :7 : & - (7 ( : #'7 " . ) 1.,# - &&,3 70()#(- /,#.3  
/( ,(/.,#.#)'(7 '\$!7@CPD7 QPJ;QPS7 LJJK:  
Q: %-7 :7 -/,#(! /(! ,7 #( (-#!".-7 (\*& K)R;LM&# β. ,(-.#)"  
(-.#./ 7 -"#(!.)(: :7 LJKM:  
R: '#."7 : :7 : : & # 7 ( : : ((- (7/-"- ) !)))\*"#(- /,#.3 #  
0 &)\*#(! )/(.,# -7&7 \$ #/7SLD7 KSS;LKO7 LJJJ:  
F6 " )()'#-.,7% +, (\$ +5 '(\$ 8+ +( & !& '! + ++ \$ !'\$+ 7 ,  
, LJJK:  
KJ:" )()'#-!7 !\$\$!'& 7, \*. L\$JL:

3- !" !! !" #"  
KK:"' 7 : :7 : : #&&7 : : '#."7 ( , :. ,#(%#(- ,!( ,7 /" - ) - 0  
\*)0 ,.3 ( "/(! ,7 LJLJ ) /- ,# )(. " 10!.,8 H-) \*&),7 ((."/ ( .#)( &  
)&# 3 - , " (-.#./ 7 LJJQ:  
KL: ( , \$ 7 : :7 ( : / &)7 " )()'# #0&- ) \*+7 C,K,D,7 KNK;KPC  
KM#-- &"),(7 :7 - ) /- )( - ) # & \*##.(!& ) /& /##.3)(##. ,,0 (.#)(  
,)' 1 /&/; . & 7'(% &, '-, \*87 C\*LD7 KRS;LJR7 LJJS:  
KN:/.&#(! ,7 :7 &(/.,#.#)(9 \*)0 ,.3 ')\*,\$ ) \$\*(78&R<D7 QKO;QL

4- # " "  
KO& %7 : :7 : : && (7 : : "/.. 7#=:7 :: 4& ##& 7: : ." , -7 ( )  
. ,( & ( "#& / ( ,(/.,#.#)(9 !&) & (- ,( !#)( && " 2) -/+ / ( 0 €  
C C 1250000 ?  
Q: 7C"





!\$\$ &! . \*+!,1 . \$- + %! !&, \*!,&6+ %-†, '-& \$\$,+&- , %  
& '&+ )- & + ' ,!& 4 (\$ ! \*!+% && '+ -& \* ,%! '' ' , - &  
'& - , & !+ !(\$!& \*1 \*' ,(-599//+6% !\$\$6 9+,- &,+9%\*9 '& +,  
!& '\*% ,!'&;6

& '\* /!, !\$\$ &! . \*+!,18+ \* , \*+!,- ,&,+&!&8, !!+ ,+4+ . ,  
,'+- %!, !& & \$!+ '\* !& \* & &1 /\*!,\* & /6\*# , , !+ ,'

& , . & , ' 0,\* '\* !& \*1 !\* -%+, & ,+18+1'&& ,\*\$4&!,. \*+& , & , &  
. \$- ,!'& + % !& , !+ '-\*+ !+ +- " , , ' & 6

< + , !&+,\*- , '\* ' , !+ '-\*+ & -+\*!.,' \$\*'\*&!& & &&!\$&% & ,6 ' '  
! 1'- 0( \*! & \*\*! \*+ , '\$ \*&!& !&!, !+ , '-\*+ 4++' &','% /!, %  
! '\* , - & , + /!, 4! B> A\$!@ F+E 7 C == F 6 <

< !\$\$ + ('\$! ! + '& +-+ , !& !\$,14!(, (. \*+-+' (\*%' , \* !& , - \* '  
+-+ , !& !\$,1 , !\$\$6< : -+ , !& ; !\$,1

!,!'& \$ ('\$! ! + '. \*&!& %! !++-&+/ !& '-&+ ,!& , !\$\$  
, - & , ! , + & + ('&+! !\$, (599//+6% :!\$\$6 9+;6 & ,+9+\*9