

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" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Schedule Type</th> <th style="width: 50%;">Hours per week</th> </tr> </thead> <tbody> <tr> <td>M - Seminar</td> <td style="text-align: center;">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" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Official Course Title :</td> <td>Agric., Envir., & Food Security</td> </tr> <tr> <td>Course Title in Calendar :</td> <td>Agriculture, Environment, and Food Security</td> </tr> </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
' (- -)(\$)8,(- & (, 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 (*& KR;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\$K L:

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" F

!\$\$ &! . *+!,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