## 2012-2013 ADVISING CHECKLIST – CONSERVATION BIOLOGY OPTION

Course		Title (prerequisites)	CR	Sem/Yr.	GR
RESOURCE	E MANA	AGEMENT RESTRICTED ELECTIVES (choose one course):	<u> </u>		
CSS	385	Conservation Management & Planning I (junior or senior standing)	4	F	
CSS	490	Wilderness and Protected Area Mgmt.  Offered alternate years / Spring	3	S	
CSS	496	Monitoring Impacts in Protected Areas and Wilderness Offered alternate years / Spring	3	S	
Fish	418	Fisheries Management (Fish 314, Biol 481, Stat 251)	4	F	
For	424	Forest Dynamics and Management (Sr. standing, For 274, 320, 324, and 330)	4	F	
For	462	Watershed Science and Management (Math 43 or 160, H.S. physics or Phys 100 or 111)	3	F	
REM	454	Invasive Plant Management (recommended prep: PISc 338) Offered alternate years / Spring	3	S	
REM	456	Integrated Rangeland Management (recommended prep.: REM 251)	3	S	
Wlf	492	Wildlife Management pre-req: Wlf 316, Wlf 448; Pre-or co-req: Biol 481, 483 or Wlf 482	4	S	
VV 11	472	whethe Management pre-req. wit 510, wit 440, 11c-of co-req. Biol 401, 405 of wit 402	_ +	ъ	
OUANTITA	TIVE	RESOURCE ANALYSIS RESTRICTED ELECTIVES (choose one course):			
CSS	310	Social Research Methods in Conservation (Stat 251)	4	F	
For/REM	472	Remote Sensing of the Environment (recommended prep: Phys 100 or Phys 112)	3-4	F	
Geog	385	GIS Primer (pre-req.: basic knowledge of PC-based operating system)	3	F/S	
REM	357	Rangeland and Riparian Habitat Assessment (recommended prep: basic statistics course)	3	F	
Stat	401	Statistical Analysis (Stat 251, 271, or 301)	3	F/S	
			3		
Stat Wlf	422	Sampling Methods (Stat 251, 271, or 301)  Offered through EO in Spring  Figh & Wildlife Population Feelogy (Stat 251) and Figh or Wilf 216 or govern in vertebrate	4	F/S F	<u> </u>
VV 11	448	Fish & Wildlife Population Ecology (Stat 251; and Fish or Wlf 316 or course in vertebrate	4	F	
	1	ecology)	<u> </u>	1	<u> </u>
ECOLOGY	DECTE	RICTED ELECTIVES (choose 2 courses – minimum 6 credits, 2 credits of which must be asterisked*** co	urco).		
Biol	478	Animal Behavior (Biol 115 and 116)	3	S	
		,		S	
Ent	472	Aquatic Entomology Offered alternate years / Spring	3		
Fish	314	Fish Ecology (For or REM 221 or Biol 314)	3	F	
Fish***	315	Fish Ecology lab (For or REM 221 or Biol 314; co-req Fish 314)	1	F	
Fish***	415	Limnology (For or REM 221, Stat 251)	4	F	
Fish***	430	Riparian Ecology and Management (For or REM 221 or Biol 314)	3	S	
For***	423	Forest Community Ecology (For or REM 221 or Biol 314) – graded P/F Check for when offered	1		
For	426	Fire Ecology and Management (For or REM 221 or Biol 314)	3	F	
For***	463	Hydrologic Measurement Techniques (co-req: CE 325/BAE 355, BAE 350, or For 462)	1	F	
For	468	Forest and Plant Pathology (For 320 and 330)	2	S	
For	469	Introduction to Forest Insects (For or REM 221 or Biol 314)	2	S	
Geog	310	Biogeography (Geog 100, EnvS 101, For 221, or REM 221)	2-3	S	
Geog-	450	Global Environmental Change (Math 143 or Stat 251)	3	S	
REM					
MMBB	425	Microbial Ecology (recom prep.: MMBB 250, Math 137 or 143) Offered alternate years / Spring	3	S	
PlSc	410	Biology of Weeds Offered alternate years / Fall	3	F	
REM	440	Wildland Restoration Ecology (recommended prep.: a general ecology course)	3	S	
REM	459	Rangeland Ecology (www only; recommended prep.: a general ecology course)	2	F	
REM***	460	Rangeland Ecology Current Topics & Field Studies (co-req.: REM 459)	1	F	
Wlf	314	Wildlife Ecology I (For or REM 221 or Biol 314)	3	F	
Wlf***	315	Wildlife Ecology I Laboratory (co-req.: Wlf 314)	1	F	
***11	313	Whathe Beology I Basoratory (eo leq.: Wil 311)			1
SOCIAL SC	IENCE	/POLITICAL SCIENCE RESTRICTED ELECTIVES (choose one course):			
Comm	410	Conflict Management	3	F/S	
CSS	387	Environmental Communication Skills (CSS 287 or permission)	3	S	
CSS	481	Conservation Leadership (For/CSS 235, CSS 287)	3	F	
CSS	489	Personalities and Philosophies in Conservation	2	S	
For	484	Forest Policy and Administration	2	S	
	484		3	<u> </u>	
Hist		American Environmental History Check for when offered		+	<u> </u>
Phil	382	Philosophy of Ecology Check for when offered	3	-	<u> </u>
Phil	452	Environmental Philosophy (offered www in summer)	3	F	<u> </u>
Phil	457	Natural Resource Ethics Check for when offered	3	1	
PolS/CSS	364	Politics of the Environment	3	F	