2012 - 2013 Advising Checklist
Requirements for degree (BS) in FISHERY RESOURCES
College of Natural Resources

Name High School Advisor

Transferred from Year Started at UI

Course		Title (Prerequisites)	CR	Sem/Yr	GR
		FIRST YEAR			
Chem	101	Introduction to Chemistry	4	FS	
Engl	102	College Writing & Rhetoric (Engl 101 or equiv)	3	FS	
NR	101	Exploring Natural Resources - 1st half of semester	1	F	
Fish	102	The Fish and Wildlife Professions - 2nd half of semester	1	F	
ISEM	101	Integrated Seminar	3	F/S	
Biol	115	Cells and the Evolution of Life (Pre- or Co-req: Chem 101 or 111)	4	FS	
Math	160	Survey of Calculus (scores, test, Math 137 or 143)	4	FS	
Phys	100/L	Fundamentals of Physics **OR**	4	S	
Phys	111/L	General Physics I (Math 143)		FS	
		SECOND YEAR			
Biol	116	Organisms and Environment (Prereq: Chem 101 or 111, Biol 115)	4	FS	
Chem	275	Carbon Compounds (Chem 101 or 111) **OR**	3	FS	
Chem	277	Organic Chemistry I (Chem 112)			
Comm	101	Fundamentals of Public Speaking	2	FS	
Econ**	202*	Principles of Economics (Sophomore)	3	FS	
For/CSS**	235*	Society and Natural Resources	3	FS	
Geol	101/L	Physical Geology w/ lab **OR**	4	FS	
Soil	205/6	General Soils/Lab (Chem 101 or equiv)	3/1		
Biol	213	Principles of Biological Structure and Function (Biol 115)	4	S	
For or REM	221	Fundamental Principles of Ecology (Biol 102, Biol 115 or 116)	3	S F	
Stat	251	Statistical Methods (Math 108)	3	FS	
Approved International Course (not req'd for transfer students)			3	FS	
Univ CORE (Reference UI Catalog): ISEM 101, Hum/SocScience, approved upper-division course + approved int'l course ☐18 cr.					

Approved work experience in major field required to graduate - form available in Fish & Wildlife Office Completed ☐

Fishery Resources curriculum continued:

Course		Title (Prerequisites)	CR	Sem/Yr	GR
		THIRD YEAR			
AVS Biol	271 423	Anatomy and Physiology **OR** Comparative Vertebrate Phys (Biol 213, Chem 275 or 277)	3	F	
Fish	314	Fish Ecology (For/REM 221 or basic ecology)	3	F	
Fish	315	Fish Ecology Lab (Coreq: Fish 314)	1	F	
MMBB	250/ 255	General Microbiology Lecture (Chem 101 or 111) General Microbiology Lab	3 2	F FS	
For	375	Introduction to Spatial Analysis for Natural Resource Management (Stat 251)	3	S	
CSS	383	Natural Resource and Ecosystem Service Economics (Econ 202 or 272 or permission)	3	S	
Biol Gene	310 314	Genetics (Biol 115 or MMBB 250) **OR** General Genetics (Biol 115 or MMBB 154 or perm)	4 3	F S	
Engl Engl	313 317	Business Writing (Engl 102, Soph) **OR** Technical Writing (Engl 102, Jr or perm)	3	FS	
Fish	316	Prin of Population Dynamics (For/REM 221)- half semester	2	S	
Biol	481	Ichthyology (Biol 115 and 116)	4	S	
		FOURTH YEAR			
Wlf	448	Fish/Wlf Population Ecology (Stat 251, Fish/Wlf 316 or course in vert. ecol)	4	F	
Fish	415	Limnology (For/REM 221or Biol 314, Stat 251)	4	F	
Fish	418	Fish Management (Fish 314, Biol 481, Stat 251)	4	F	
Fish Fish	422 424	Concepts in Aquaculture (Prereq or coreq: Biol 481) **OR** Fish Health Management (MMBB 250 required, Fish 422 recommended)	3 4	S S	
Fish	495	Seminar (Sr. standing)	1	S	
**		counts as social science credit for some catalog years			

UNRESTRICTED ELECTIVES as needed to total 128 credits:				

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English Transfer Test: Must be Taken; Passed (date) _____

1. No upper division course may be taken while on probation.
2. NOTE: Students pursuing a B.S. in Fishery Resources must receive a grade of C or better in each of the following 4 indicator courses to register in fish- and wildlife-prefixed upper division courses & to graduate with a B.S. in Fishery Resources: **Biol 116; Biol 213, Stat 251; For or REM 221**
3. A student must receive a grade of C or better in each fish- and wildlife-prefixed upper division course listed for the B.S. in Fishery Resources.
4. 128 total credits for degree.
5. 36 upper division credits must be completed. Transfer courses are upper division if were 300-400 level at previous institution. There must be 32 upper division credits completed at UI.

Course	Semester	Grade
Biol 116	_____	_____
Biol 213	_____	_____
Stat 251	_____	_____
For/REM 221	_____	_____

For students interested in becoming a **conservation officer**, electives from the following courses are suggested:

Comm 331 Conflict Management (3 cr)
Comm 347 Persuasion (3 cr)
CSS 387 Environmental Communication Skills (3 cr)
CSS 494 Public Relations for Natural Resources Professionals (3 cr)
JAMM 252 Principles of Public Relations (3 cr)
JS 101 Introduction to the Justice System (3 cr)