

2010-2011 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 - 1 st half of semester	1	F	
Fish	102	The Fish and Wildlife Professions - 2 nd half of semester	1	F	
CORE	103-118	Core Discovery - fall semester only (not req'd for transfer students)	4	F	
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	
CORE	153-168	Core Discovery -spring semester only (not req'd for transfer students)	3	S	
		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)			
Biol	213	Principles of Biological Structure and Function (Biol 115 and 116)	4	S	
For or Rnge	221	Fundamental Principles of Ecology (Biol 102, Biol 115 or 116)	3	S F	
Stat	251	Statistical Methods (Math 137, 143, 160 or 170 or perm)	3	FS	
Approved International Course (not req'd for transfer students)			3	FS	
Univ CORE (Reference UI Catalog): Core 101 & 102, Hum/SocScience <input type="checkbox"/> + approved int'l course <input type="checkbox"/> 8 cr.					
Approved work experience in major field required to graduate - form available in Fish & Wildlife Office Completed <input type="checkbox"/>					

Fishery Resources curriculum continued:

Course		Title (Prerequisites)	CR	Sem/Yr	GR
THIRD YEAR					
AVS Biol	271/L 423	Anatomy and Physiology w/ lab OR Comparative Vertebrate Phys (Biol 213, Chem 275 or 277)	4	F	
Fish	314	Fish Ecology (For/Rnge 221 or basic ecology)	3	F	
Fish	315	Fish Ecology Lab (Coreq: Fish 314)	1	F	
MMBB	250/	General Microbiology Lecture (Chem 101 or 111) General Microbiology Lab	3	F	
	255		2	FS	

Biol Gene	210	Genetics (Biol 115 or MMBB 250) OR General Genetics (Biol 115 or MMBB 154 or perm)	4	F	
	314		3	S	
Engl Engl	313	Business Writing (Engl 102, Soph) OR Technical Writing (Engl 102, Jr or perm)	3	FS	
	317				
Fish	316	Prin of Population Dynamics (For/Rnge 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/Rnge 221 or Biol 314, Stat 251)	4	F	
Fish	418	Fish Management (Fish 314, Biol 481, Stat 251)	4	F	
Fish Fish	422	Concepts in Aquaculture (Prereq or coreq: Biol 481) OR Fish Health Management (MMBB 250 required, Fish 422 recommended)	3	S	
	424		4	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:					

Course Semester Grade

- | | | | | | | | | | | | | | |
|---|--|-----------------|-------|-------|-----------------|-------|-------|-----------------|-------|-------|---------------------|-------|-------|
| <ol style="list-style-type: none"> 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 Rnge 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 and Biol 481. 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. | <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Biol 116</td> <td style="width: 20%;">_____</td> <td style="width: 50%;">_____</td> </tr> <tr> <td>Biol 213</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>Stat 251</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>For/Rnge 221</td> <td>_____</td> <td>_____</td> </tr> </table> | Biol 116 | _____ | _____ | Biol 213 | _____ | _____ | Stat 251 | _____ | _____ | For/Rnge 221 | _____ | _____ |
| Biol 116 | _____ | _____ | | | | | | | | | | | |
| Biol 213 | _____ | _____ | | | | | | | | | | | |
| Stat 251 | _____ | _____ | | | | | | | | | | | |
| For/Rnge 221 | _____ | _____ | | | | | | | | | | | |

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

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