## **Natural Resource Ecology & Management Degree** Fisheries Option 4-year plan Flow Chart for 2018-19 option sheet

Senior	Spring (even)	ANSI 4323 (every semester MWF 8:30-9:20) or PLNT 3554 or BIOL 3023 Genetics	ENTO 4484 Aquatic Entomology (Spring only MW 10:30-11:20 & M 1:30- 3:20) OR BIOL 3104 Invert Zool (Spring only MWF 8:39- 9:20 & Lab)	NREM 3523 Population Ecology (Spring only TR 10:30-11:45)	NREM 4001 Global Change (Spring only M 1:30-2:20 OR W 1:30- 2:20 OR F 1:30-2:20)	Advanced Science elective (4 credit)	15 h
	Fall (odd)	NREM 4424 Fisheries Techniques (Fall only MW 11:30-12:45 & T 2:30 - 5:20)	NREM 4443 Hydrology (Fall only MW 8:30-9:20, lab either M 1:30-34:20 <u>OR</u> W 1:30-3:20)	NREM 4452 Pond Management (Fall only TR 10:30-11:20)	Advanced science or gen ed elective (3 credit)	Advanced science or gen ed elective (3 credit)	15 h
Junior	Spring (odd)	NREM 4414 Fisheries Management (Spring only TR 9-9:50 & T 2-5:50)	AGCM 3103, BCOM 3113, or ENGL3323 Tech Writing (every semester multiple sections)	NREM 4453 Aquaculture (Spring only MWF 10:30-11:20)	Human Dimension elective (3 credit)	Advanced science or gen ed elective (3 credit)	16 h
	Fall (even)	NREM 3013 Applied Ecology and Conservation (Fall only TR 10:30-11:45)	NREM 3012 Applied Ecology Lab (Fall onlyT, W, or R 1:30-5:20)	BIOL 4434 Limnology (Fall <u>even years</u> MWF 9:30 - 10:20 & M1:30 - 4:20)	BIOL 4413 Biology of Fishes (Fall only MW 11:30-12:20 & R12:30- 2:20)	Human Dimension elective (3 credit)	15 h
Sophomore	Spring (even)	AGCM 3103 <sup>†</sup> or SPCH 2713 <sup>†</sup> or 3733 <sup>†</sup> (every semester multiple times)	* Stat 3013 (Spr MWF 10:30-11:20 Fall MWF 1:30-2:20) OR Stat 4013 * (Spr TR 10:30-11:45, Fall TR 7:30-3:20 or 2:30- 3:20)	CHEM 1225 <sup>†</sup> (Fall MWF 10:30-11:20, Spr MWF <sup>4</sup> - 8:30-9:20, & lab) or 1515 <sup>†</sup> Chem II (every semester multiple times)	General Education Class (3 credits)	Advanced science or gen ed elective (3 credit)	17 h
	Fall (odd)	PBIO 1404 <sup>†</sup> Plant Biology (Fall only TR 9-10:15 PLUS LAB)	STAT 2013 Stat I OR MATH 2103 Calculus (every semester multiple times)	CHEM 1215 <sup>†</sup> (Fall MWF 12:30-1:20, Spr MWF 11:30-12:20, & lab) or CHEM 1314 <sup>†</sup> (Fall MWF 12:30-1:20, Spr MWF 10:30-11:20, & lab)	General Education Class (3 credits)		14-15 h
Freshman	Spring (odd)	BIOL 1604 Animal Bio (every semester MWF 12:30-1:20, in Fall also has section TR 3:30-4:45; & LAB)	GEOL 1114 <sup>†</sup> Physical Geo (Fall MWF 10:30- 11:20, Spr MWF 11:30- 12:20, & lab) or Phys 1014 <sup>†</sup> (Fall MTWR 10:30- 11:20, Spr 9:30-10:20, & lab)	ENGL 1213, 1413, or 3323 English Comp/Writing II (every semester)	General Education Class (3 credits)	General Education Class (3 credits)	17 h
	Fall (even)	BIOL 1114 General Biology (every semester multiple times)	MATH 1513  College Algebra (every semester multiple times)	ENGL 1113 or 1313 — English Comp/Writing I (every semester)	Take both: -AG 1011 Ag Orient (multiple times) -NREM 1012 Intro Nat Res (MW 9:30-10:20)	General Education Class (3 credits)	16 h

Tindicates a class required for the degree but also meets Gen Ed requirements. Therefore, these classes will complete all unspecified Gen Ed hours and allow students to take additional elective hours. These are accounted for by blocks with "Advanced science or gen ed elective"

- Arrows indicate pre-requisite courses (solid=required, dashed=recommended), colored cells indicate classes that are only offered only every other year.

- It is possible that the times courses are offered will change. Students should check scheduling periodicaly to make any needed adjustments.

-This is only one of several possible schedules. Students should use this as a starting point, but may need to make modifications to meet individual objectives.

## Advanced Science electives (take 7 hr + 9 more if General Education **Human Dimensions** you elect to count required science courses for gen ed Classes (take all =18 hr) electives (take 6 hr) electives) AGEC 1113 AGEC 3503 ANSI 3543 HIST 1103 OR 1483 ENVR 4512, 4813 BOT 3005, 4214 OR 1493 **GEOG 3153** POLS 1113 HIST 4523 NREM 2013, 3083, 3101, 3111, 3224, 3502, 3503, 3513, 3613,4023, 4033, HI elective (3 hr) NREM 4043, 4053 4043, 4053, 4093, 4403, 4411, 4473, 4524, 4533, 4543, 4960, HD elective (3 hr) POLS 4363, 4593 4980, 4990 SOC 4433 BIOL 3023, 3114, 3153, 4113, 4133, 4174, 4273, 4303