## Natural Resource Ecology & Management Degree <u>Rangeland Ecology & Mgmt</u> Option 4-year Flow Chart for 2019-20

Senior	Spring	NREM 4033 Ecology of Invasive Species TR 12:30-1:45PM	NREM 4613 Rangeland Resource Planning MW 11:30-12:45PM	AGEC 1113 Intro to Agriculture Economics (Spr MWF 12:30-1:20 or TR 9- 10:15, Fall TR 9:00-10:15 or MW 2:30-3:45)	NREM 4001 Global Change (Spring only M 1:30-2:20 OR W 1:30- 2:20 OR F 1:30-2:20)	NREM 4603 Range & Pasture Utilization (MW 8:30-9:20 & M 3:30-5:20)	13 h
	Fall	NREM 3503 Wildlife ◀ Mgt (Fall only MWF 12:30- 1:20)	NREM 4023 Restoration Ecology MW 2:30- 3:45PM	Advanced science or gen ed elective (3 credit)	SOIL 3433 Soil Genesis (TR 10:30-11:20AM, & Lab R 2-4:50) OR SOIL 4563 (spring? Has not been taught since 2013)	NREM 4443 Watershed Hydrology and Water Quality (Fall MW 8:30-9:20 & lab M or W 2:30-4:20) OR NREM 4473	15 h
Junior	Spring	NREM 4043 Natural Resource Admin and Policy (Spring only TR 10:30-11:45)	Advanced Science or gen ed elective (3 credit)	ANSI 3543 Principles of Animal Nutrition (MWF 10:30-11:20)	AGCM 3103, BCOM 4 3113, or ENGL3323 Tech Writing (every semester multiple sections)	Advanced Science or gen ed elective (5 credit, at least 2 credits must be adv sci elective)	17 h
	Fall	► NREM 3013 Applied Ecology and Conservation (Fall only TR 10:30-11:45)	NREM 3012 Applied Ecology Lab (Fall only T, W, or R 1:30-5:20)	*NREM 3063 Natural Resource Biometics (Fall MW 9:30-10:20 & lab F 8:30- 10:20)	NREM 4783 Prescribed Fire (Fall only TR 7:30- 8:45AM)	BOT 3005 Field Botany (Fall ony TR 9:00-10:15 & mulitple lab times)	16 h
Sophomore	Spring	AGCM 3103 <sup>†</sup> or SPCH 2713 <sup>†</sup> or 3733 <sup>†</sup> (every semester multiple times)	STAT 2013 Elementary Statistics (every semester multiple times)	CHEM 1225 <sup>†</sup> (Fall MWF ← 10:30-11:20, Spr MWF 8:30-9:20, & lab) or 1515 <sup>†</sup> Chem II (every semester multiple times)	SOIL 2124 Fund. of Soil Science (Every semester MWF 9:30-10:20 & lab)		15 h
	Fall	NREM 3613 Principles of Rangeland Ecology and Mangement (Fall only TR 12:30-1:45)	NREM 2083 Geospatial ← Technologies for Natural Resources (Fall only MW 1:30-2:20 & Lab 2:30- 5:20)	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)	HI or HD (3 credits)	PBIO 1404 <sup>†</sup> Plant Biology (Every semester TR 9- 10:15 PLUS LAB)	17 h
Freshman	Spring	BIOL 1604 Animal Bio (every semester MWF 12:30-1:20, in Fall also has section MWF 3:30-4:20; & lab)	MATH 1513 ——————————————————————————————————	HIST 1103 (every semester multiple times)	ENGL 1213, 1413, or— 3323 English Comp/Writing II (every semester)	Advanced science or gen ed elective (3 credit)	16 h
	Fall	BIOL 1114 General Biology (every semester multiple times)	Take both: -AG 1011 Ag Orient (multiple times) -NREM 1012 Intro Nat Res (MW 9:30-10:20)	POLS 1113 (every semester multiple times)	ENGL 1113 or 1313 English Comp/Writing I (every semester)	HI or HD (3 credits)	16 h

Indicates 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 5 hr + 9 hr more if student elects to use required science classes for gen ed electives)

AGEC 3423,3503 ANSI 1124, 3433, 3653, 4613
BIOL 3023 or ANSI 3423 or PLNT 3554
BIOL 3034, 4113, 4115, 4133, 4174, 4303
ENTO 2993, 3331, 4223 ENVR 1113, 4512
GEOG 3023, 3033, 3153, 3333, 4053, 4333, 4343
GEOL 3503
NREM 2013, 2134, 3101, 3111, 3224, 3502, 3713, 4053, 4093, 4213, 4403, 4452, 4453, 4464, 4473, 4524, 4533, 4543, 4063, 4793, 4960, 4980, 4990
PBIO 3024, 3114, 3463, 4023
PLP 3343 PLNT 1213, 3113
POLS 4593 SOIL 3433, 4463, 4483, 4563, 4683

Last updated on 3-21-2019 by Dan Shoup