

FIELD METHODS IN ZOOLOGY & BOTANY (MCCAIN)

DATES	LECTURE (WEDNESDAYS)	LAB (FRIDAYS)
Aug. 25 & 27	Introductions, Overview of Class & Syllabus, Field Projects, Field Notes	Field Trip I: Insect Field Methods [Virginia Scott]
Sept. 1 & 3	Insect Field Methods [Dr. Nufio; V. Scott]	Field Trip II: Bird Field Methods [RMBO-8 am]
Sept. 8 & 10	Bird Field Methods	Lecture: Herp Field Methods; Mammal Methods (A)
Sept. 15-19	No Class	Field Trip III: Amphibian & Reptile Field Methods [Dr. Johnson & Lab]
		Weekend Field Trip (Sat-Sunday): Mammal Trapping, plant & insect sampling
Sept. 22 & 24	Field Abundance Indices Observational Field Methods	Field Trip IV: Scat analysis methods [City of Boulder Mtn Parks & Open Space]
Sept. 29 & Oct. 2	Mammal Field Methods (B)	Saturday Field Trip: Breeding elk observation techniques [RMNP; no Friday Lab]
Oct. 6 & 8	Plant Field Methods I	Field Trip V: Plant Field Methods II [Tim Hogan]
Oct. 13 & 15	MIDTERM EXAM	Field Trip VI: Conifer ID & Forestry Methods
Oct. 20 & 22	Diatoms: Field Research & H2O quality [Dr. Kociolek]	Field Trip VII/Lab: Diatom Methods
Oct. 27 & 29	Why Museum Collections Are Important: specimens & data	Museum Practica I: Pressing Plants, Herbarium techniques [Nancy Lederer]
Nov. 3 & 5	Standardized Sampling & Theory I	Museum Practica II: Preparing Insects, Entomology Museum Methods [Virginia Scott]
Nov. 10 & 12	Standardized Sampling & Theory II	Museum Practica III: Vertebrate methods
Nov. 17 & 19	Conservation: Field Methods [Dr. King]	Museum Practica IV: Collection and Observational databases [Dr. Guralnick, H.Robson]
Nov. 24 & 26	Fall Break: no classes	--
Dec. 1 & 3	Museum Practica V: Camera Trapping Methods [Peter Erb]	Museum Practica VI: Invertebrate Paleontology Methods [Dr. Smith]
Dec. 8 & 10	Permits & Long-term Field Studies	Project Presentations
Dec. 13 th TBA	FINAL EXAM	Field Notebooks due by Friday