Ecology and Evolutionary Biology

Degrees Offered	**B.S.** **Ecology and Evolutionary Biology** *Concentrations:* *Biodiversity and the Environment,* ***or*** *Organismal Biology*	**B.A.** **Ecology and Evolutionary Biology** *Concentration:* *Biodiversity and the Environment*	**B.A.** **Ecology and Evolutionary Biology** *Concentration:* *Organismal Biology*
Prerequisites for entering the major	**Intro Biology sequence** (BIOL 101, 102, 103, and 104)		
	2 term lecture sequence in General Chemistry **(**CHEM 161, 165 or CHEM 163, 167) with labs (CHEM 134L, 136L)		
	1 term Organic Chemistry (CHEM 174 or 175, or CHEM 220 or 221) with lab (CHEM 222L or 223L)		
	2 terms Physics (PHYS 170, 171, or higher)		
	1 term mathematics or 1 term of statistics & data science MATH 115, MATH 116, S&DS 100, or S&DS 230		
Requirements for each degree	**B. S. Degree** **5.5 course credits** (not incl prereqs or senior req)	**B.A. Degree** **3.5 course credits** (not incl prereqs or senior req)	**B.A. Degree** **3.5 course credits** (not incl prereqs or senior req)
	Same as B.A. degree requirements (either concentration).	E&EB 220	E&EB 290 & 291L
	Two electives, at least one elective must be a lecture or a seminar.	E&EB 225	E&EB 295 or BENG 350
		1 course from E&EB 246-272 or 280 with lab or E&EB 326 and 327L	MCDB 300 or MB&B 300
Senior Requirements	**2 terms original research** (E&EB 475, 476) **or** (E&EB 495, 496)	**1 term independent study** (E&EB 470) **or** **Senior Essay in a course**	**1 term independent study** (E&EB 470) **or** **Senior Essay in a course**
Substitutions	Substitutions permitted with DUS approval (see YCPS for details).		

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