

# Environmental Systems Engineering

Typical Sequence of Courses (arrows represent prerequisites)

**Fresh/Soph Accessible Classes to "Try Out" Major. ANY CLASSSES listed below can count as Breadth Electives for any focus area (U=most relevant to Urban, F=Freshwater, C=Coastal)**

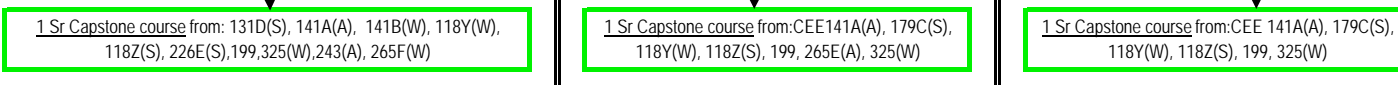
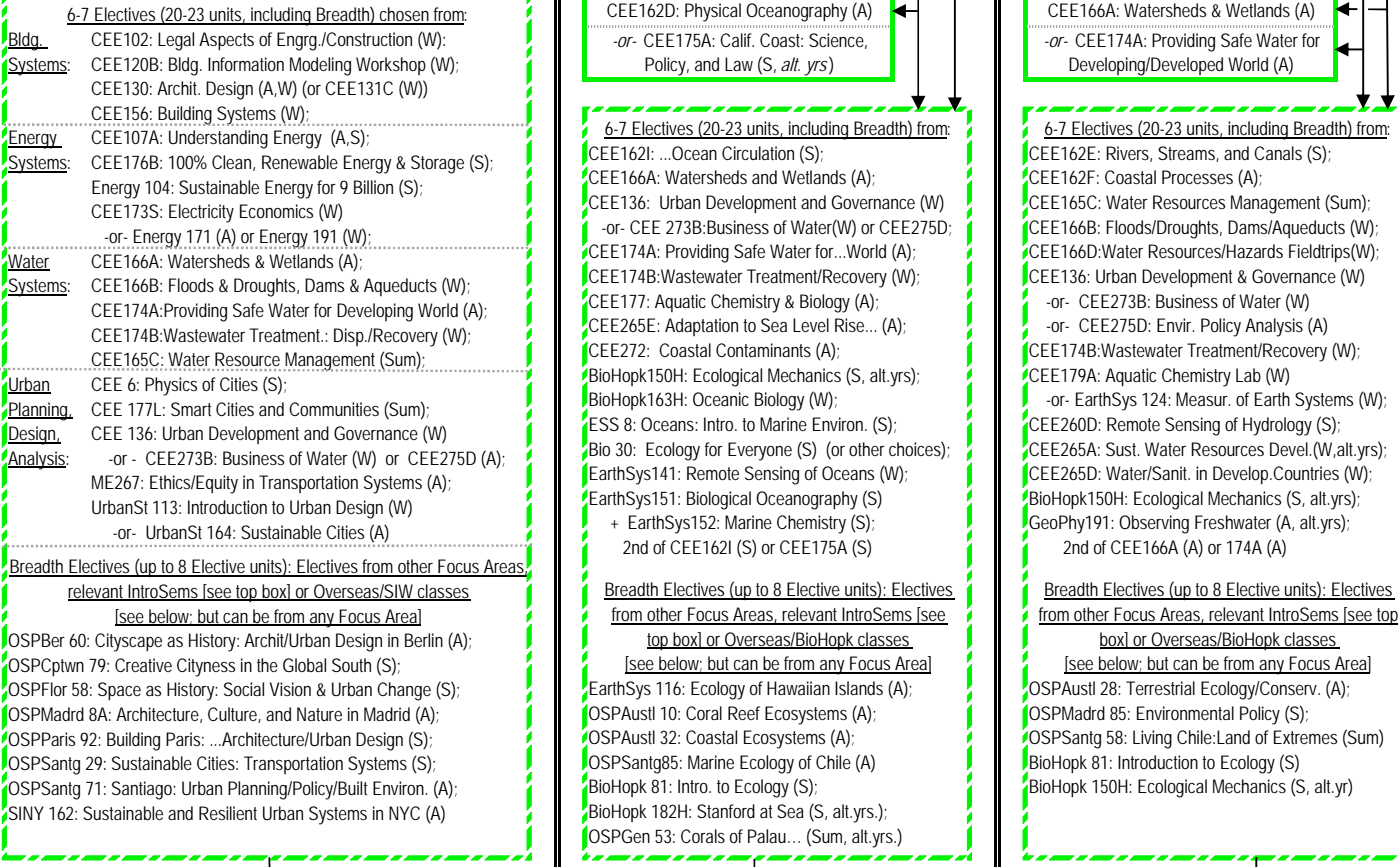
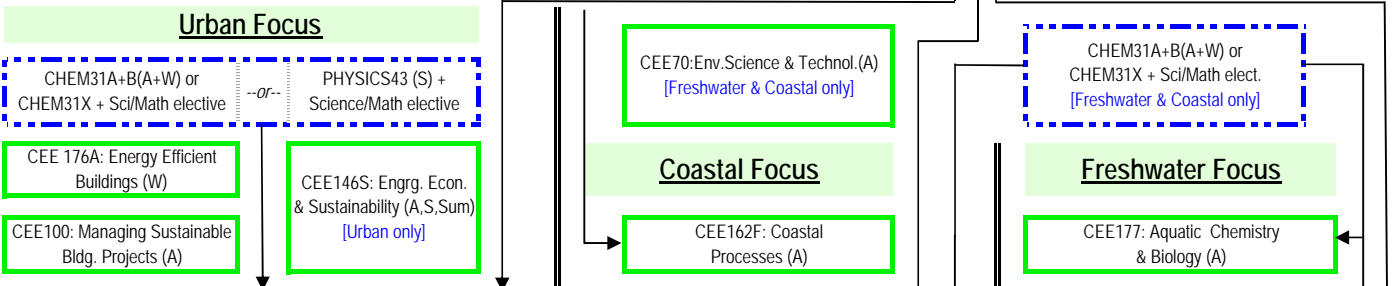
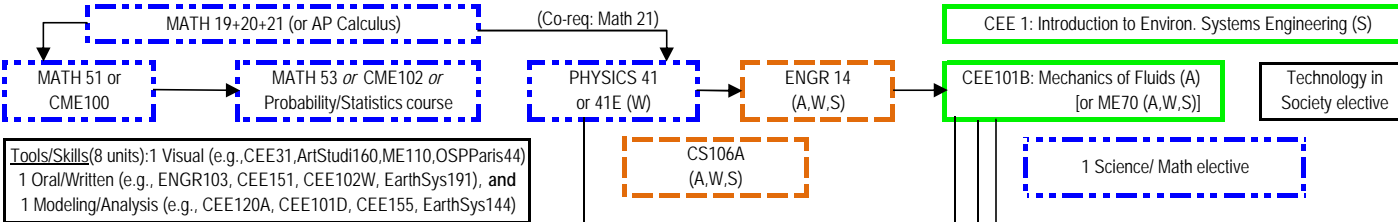
AUTUMN QUARTER	WINTER QUARTER	SPRING QUARTER
AppPhys79Q: Energy Options for 21st Century (U); Bio12N: Sensory Ecology of Marine Animals(C); CEE31Q: Accessing Archit. thru Drawing (Tool/Skill); CEE80N: Engineering the Built Environment (U); CEE120A: Bldg. Information Modeling Workshop(U); ChemEng60Q: Envir. Regulation & Policy (C,F,U); EarthSys41N: The Global Warming Paradox (U);	ANTHRO 42: Megacities (U); Bio 6N: Ocean Conserv.; Pathways to Solutions (C); Bio30: Ecology for Everyone (C,F); CEE70: Intro. to Environ. Science & Technology (C,F); EARTH 2: Climate & Society (U); Econ17N: Energy, Environment, Economy (U); UrbanSt113: Introduction to Urban Design (U)	Archgly156: Design of Cities (U); Bio35N: Climate Change Ecology -- is it Too Late? (C,U); CEE 1: Intro. to Environ. Systems Engineering (C,F); CEE 6: Physics of Cities (U); CEE31Q: Accessing Archit. thru Drawing (Tool/Skill); EarthSys104: The Water Course (alt.yrs) (F); ESS 8: The Oceans: Intro. to Marine Environment (C); ESS46N:..betw.Land & Monterey Bay:Elkhorn Slough (C)

Freshman/Sophomore

Sophomore / Junior

Junior / Senior

Senior



  = Math/Science classes  
  = Engineering Fundamentals  
  = required Environmental Systems Engrg. classes  
  = Environmental Systems Engrg. electives