

--	--	--

		<i>none; typically Fall only</i>
	REC 430: Recreation in the Ocean Environment (3)	<i>instructor consent; typically Summer only</i>
	REC 431: Recreation Resource Management (3)	<i>a 'C' or better in REC 141 or REC 225; typically Spring only</i>
	REC 433: Management of Organized Camps (3)	<i>none; typically Spring only</i>
	REC 434: Adventure Education Programming and Leadership (3)	<i>one GE foundation or instructor consent; typically Spring only</i>
	REC 435: Human Dimensions & Management in Experiential Education (3)	<i>one GE foundation or instructor consent; typically Fall only</i>

**Complete 6 units from following courses:**

	REC 242: Backpacking (2)	<i>none; typically Fall only</i>
	REC 243A: Winter Mountain Expedition (2)	<i>none; typically Winter only</i>
	REC 243C: Desert Expedition (3)	<i>none; typically Spring only</i>
	REC 244: Kayaking (2)	<i>none; typically Fall only</i>
	REC 245: Wilderness Water Expedition (3)	<i>none; typically Spring only</i>
	REC 247A: Techniques of Rock Climbing (2)	<i>none; typically Spring only</i>
	REC 246A - Mountaineering (2)	<i>none; typically Summer only</i>

† Prerequisites are subject to change; consult the University Catalog ([www.csulb.edu/catalog](http://www.csulb.edu/catalog)) for the most recent updates  
 Certificate advising worksheet is for undergraduate students only; graduate students should contact certificate faculty advisor  
 Must submit a resume of outdoor field experiences to have certificate awarded. Email Dr. Keith Fulthorp for questions.  
**Total units required for certificate: 15**