

**CATALOG INFORMATION**

Dept and Nbr: BOTANY 63     Title: SONOMA COUNTY WOODLANDS  
Full Title: Sonoma County Woodlands  
Last Reviewed: 1/31/2005

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	1.00	Lecture Scheduled	8.00	1	Lecture Scheduled	8.00
Minimum	1.00	Lab Scheduled	0	1	Lab Scheduled	0
		Contact DHR	32.00		Contact DHR	32.00
		Contact Total	40.00		Contact Total	40.00
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 16.00

Total Student Learning Hours: 56.00

Title 5 Category: AA Degree Applicable  
Grading: Grade or P/NP  
Repeatability: 00 - Two Repeats if Grade was D, F, NC, or NP  
Also Listed As:  
Formerly: BIO 71.10

**Catalog Description:**  
Flora and ecology of the forests and woodlands of Sonoma County. DHR hours include field trips.

**Prerequisites/Corequisites:**

**Recommended Preparation:**  
Eligibility for ENGL 100 or ESL 100

**Limits on Enrollment:**

**Schedule of Classes Information:**  
Description: Flora and ecology of the forests and woodlands of Sonoma County. (Grade or P/NP)  
Prerequisites/Corequisites:  
Recommended: Eligibility for ENGL 100 or ESL 100  
Limits on Enrollment:  
Transfer Credit:  
Repeatability: Two Repeats if Grade was D, F, NC, or NP

## **ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:**

<b>AS Degree:</b>	<b>Area</b>	Effective:	Inactive:
<b>CSU GE:</b>	<b>Transfer Area</b>	Effective:	Inactive:

<b>IGETC:</b>	<b>Transfer Area</b>	Effective:	Inactive:
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<b>CSU Transfer:</b>	Effective:	Inactive:
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<b>UC Transfer:</b>	Effective:	Inactive:
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**CID:**

**Certificate/Major Applicable:**

Major Applicable Course

## **COURSE CONTENT**

### **Outcomes and Objectives:**

Upon completion of this course the student will be able to:

1. Identify the major woodland and forest communities and plant species in Sonoma County.
2. Explain the ecological factors which determine the presence and distribution of these species and communities and relate these explanations to relevant ecological theory.
3. Compare and contrast the ecosystem functions of these different community types.
4. Identify significant problems and management issues for each type and relate these identified issues to global environmental issues and proposed solutions.
5. Create and develop an appropriate record of field activities (field journal).

### **Topics and Scope:**

1. Taxonomy of major indicator species for woodland and forest communities of Sonoma County.
2. Ecological characteristics of Sonoma County woodlands and forests.
3. Human impact on these ecosystems and relevant management issues.
4. Procedures for development of a field journal.

### **Assignment:**

1. Read assigned papers.
2. Maintain field journal.
3. Write paper on a selected taxonomic or ecological issue pertinent to Sonoma County woodlands.

## Methods of Evaluation/Basis of Grade:

**Writing:** Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

Taxonomic or ecological paper and field journal.

Writing  
40 - 60%

**Problem Solving:** Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

None

Problem solving  
0 - 0%

**Skill Demonstrations:** All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

Field work, Species identification in the field.

Skill Demonstrations  
10 - 30%

**Exams:** All forms of formal testing, other than skill performance exams.

None

Exams  
0 - 0%

**Other:** Includes any assessment tools that do not logically fit into the above categories.

Attendance and participation

Other Category  
10 - 30%

## Representative Textbooks and Materials:

Instructor prepared materials.