BACHELOR OF LANDSCAPE ARCHITECTURE

Program Learning Objectives
1. Integrate natural and cultural systems in projects at multiple scales.
2. Incorporate sustainable practices throughout the design, planning and implementation process.
3. Comprehend and demonstrate the relationships among analysis, concept development, design development, and implementation.
4. Apply critical thinking and analytical problem solving throughout planning, design and implementation.
5. Demonstrate knowledge of theory, history and contemporary practices of landscape architecture.
6. Apply professional communication skills including written, oral, graphic and digital formats.
7. Identify the role of landscape architects in professional interdisciplinary settings.
8. Apply technical skills in site engineering, material explorations and detailing, construction documents, plant materials, and planting design.
9. Apply professional standards, ethics and practices in the field of landscape architecture.

Degree Requirements and Curriculum
In addition to the program requirements listed on this page, students must also satisfy requirements outlined in more detail in the Minimum Requirements for Graduation (http://catalog.calpoly.edu/ generalrequirementsbachelorsdegree/#generaleducationtext) section of this catalog, including:

- 60 units of upper division courses
- 2.0 GPA
- Graduation Writing Requirement (GWR)
- U.S. Cultural Pluralism (USCP)

Note: No major or support courses may be selected as credit/no credit.

MAJOR COURSES
LA 101   Introduction to Landscape Architecture 4
LA 170   Principles of Design Communication 4
LA 171   Principles of Digital Communication 4
LA 202   Design Fundamentals I 4
LA 203   Design Fundamentals II 4
LA 204   Design Fundamentals III 4
LA 211   History of Landscape Architecture: Ancient Civilizations through Colonial America (C3) 4
LA 212   History of Modern and Contemporary Landscape Architecture (Area C elective) 4
LA 221   California Plants and Plant Communities or AEPS 381 Native Plants for California Landscapes 4
LA 241   Site Engineering Techniques and Applications 4
LA 242   Implementation Strategies 4
LA 243   Materials and Techniques of Landscape Construction 4
LA 320   Design Theory for Landscape Architects 4
LA 330   Cultural Landscapes: People, Places and Ethical Decisions 4
LA 349   Advanced Planting Design 4
LA 370   Professional Practice 4
LA 371   Internship 3
LA 401   Research Project 2
LA 402   Design Theory and Exploration Focus Studio 4
LA 403   Natural Environments Design Focus Studio 4
LA 404   Cultural Environments Design Focus Studio 4
LA 405   Project Design and Implementation Focus Studio 4

Select from the following: 4
LA 402   Design Theory and Exploration Focus Studio
LA 403   Natural Environments Design Focus Studio
LA 404   Cultural Environments Design Focus Studio
LA 405   Project Design and Implementation Focus Studio

Integrated Learning Course (ILC) topics
Select from the following: 20
LA 431   CAD and Digital Media Communications (ILC)
LA 432   Landscape Ecology Applications (ILC)
LA 433   Cultural Environments (ILC)
LA 434   Project Design and Implementation (ILC)
LA 435   Professional Practice (ILC)
LA 436   Traditional and Digital Media Communications (ILC)
LA 437   3D Digital Design Communications (ILC)
LA 438   GIS Application to Design Projects (ILC)
LA 439   Planting Design (ILC)
LA 461   Senior Design Project Focus Studio (4,4)

Upper Division LA Electives 3

SUPPORT COURSES
AEPS 233   Plant Materials I 4
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>AEPS 234</td>
<td>Plant Materials II</td>
<td>4</td>
</tr>
<tr>
<td>BOT 121</td>
<td>General Botany (B2&amp;B4)</td>
<td>4</td>
</tr>
<tr>
<td>or BIO 114</td>
<td>Plant Diversity and Ecology</td>
<td></td>
</tr>
<tr>
<td>CRP 212</td>
<td>Introduction to Urban Planning</td>
<td>4</td>
</tr>
<tr>
<td>EDES 123</td>
<td>Principles of Environmental Design (D4)</td>
<td>4</td>
</tr>
<tr>
<td>MATH 118</td>
<td>Precalculus Algebra (B1)</td>
<td>4</td>
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<tr>
<td>MATH 119</td>
<td>Precalculus Trigonometry (B1)</td>
<td>4</td>
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<tr>
<td>Select from the following:</td>
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<tr>
<td>BIO 227</td>
<td>Wildlife Conservation Biology</td>
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<tr>
<td>BRAE 337</td>
<td>Landscape Irrigation</td>
<td></td>
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<tr>
<td>SS 121</td>
<td>Introductory Soil Science</td>
<td></td>
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<tr>
<td>STAT 217</td>
<td>Introduction to Statistical Concepts and Methods</td>
<td></td>
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<tr>
<td>or STAT 218</td>
<td>Applied Statistics for the Life Sciences</td>
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<tr>
<td>Professional Electives:</td>
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<td>8</td>
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</tbody>
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**GENERAL EDUCATION (GE)**
(See GE program requirements below.)

**FREE ELECTIVES**

Free Electives

Total units 219

1. Required in Major or Support; also satisfies GE.
2. At least three (3) different Integrated Learning Courses must be chosen. (ILCs are repeatable to 12 units).
3. 300 or 400-level LA courses and/or EDES 333.
4. May substitute 4 units of any GE D4 course.
5. May include any course in: College of Architecture and Environmental Design; Art and Design Department; TH 330; any minor in the College of Architecture and Environmental Design.

**General Education (GE) Requirements**

- 72 units required, 24 of which are specified in Major and/or Support.
- See the complete GE course listing (http://catalog.calpoly.edu/generalrequirementsbachelorsdegree/#generaleducationtext).
- Minimum of 12 units required at the 300 level.

<table>
<thead>
<tr>
<th>Area A</th>
<th>Communication</th>
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<tbody>
<tr>
<td>A1</td>
<td>Expository Writing</td>
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<tr>
<td>A2</td>
<td>Oral Communication</td>
</tr>
<tr>
<td>A3</td>
<td>Reasoning, Argumentation and Writing</td>
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<thead>
<tr>
<th>Area B</th>
<th>Science and Mathematics</th>
</tr>
</thead>
<tbody>
<tr>
<td>B1</td>
<td>Mathematics/Statistics (8 units in Support)</td>
</tr>
<tr>
<td>B2</td>
<td>Life Science (4 units in Support)</td>
</tr>
<tr>
<td>B3</td>
<td>Physical Science</td>
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<tr>
<td>B4</td>
<td>One lab taken with either a B2 or B3 course</td>
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<table>
<thead>
<tr>
<th>Area C</th>
<th>Arts and Humanities</th>
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<tbody>
<tr>
<td>C1</td>
<td>Literature</td>
</tr>
<tr>
<td>C2</td>
<td>Philosophy</td>
</tr>
<tr>
<td>C3</td>
<td>Fine/Performing Arts (4 units in Major)</td>
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