**LAND USE AND NATURAL RESOURCES SUMMER 2018 CALENDAR**

### JUNE

<table>
<thead>
<tr>
<th>Sunday</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
<th>Saturday</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### JULY

<table>
<thead>
<tr>
<th>Sunday</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
<th>Saturday</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### AUGUST

<table>
<thead>
<tr>
<th>Sunday</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
<th>Saturday</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### SEPTEMBER

<table>
<thead>
<tr>
<th>Sunday</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
<th>Saturday</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Courses, certificates and professional concentrations in:**

- Geographic Information Systems
- Land Use and Natural Resources
- Sustainability
- Water Resources

**Award-Winning Professional Education**

**LAND USE AND NATURAL RESOURCES**

**SUMMER 2018**

- CEQA and Climate Change: An In-Depth Approach (1)
- Working with ArcGIS and Migrating to ArcGIS Pro (3)
- Bicycle Planning in Transportation (2)
- Sustainability and the Built Environment (3)
- Online Webinar Writing for Planners, Engineers and Policymakers (1)
- Public Real Estate Transactions (1)
- Habitat Conservation Plan Implementation (1)
- Development Agreements, Public-Private Partnerships and Redevelopment 2.0 (1)
- Vested Rights, Vesting Maps and Development Agreements (1)
- Special Status Amphibians and Reptiles of Northern California (2)
- CEQA: A Step-by-Step Approach (1)
- Advanced GIS: Productivity, Geoprocessing and Analysis (3)
- LEED Building Certification (3)

**Free Planning and Sustainability Information Session**

- Introduction to Fluvial Geomorphology (1)
- Developing Groundwater Sustainability Plans: Strategies and Process (1)
- Advanced GIS: Productivity, Geoprocessing and Analysis (3)
- LEED Building Certification (3)

**Free Conflict Resolution Information Session**
### AWARD-WINNING PROFESSIONAL EDUCATION

**SUMMER 2018**

- **Courses, certificates and professional concentrations:**
  - Geographic Information Systems
  - Land Use and Natural Resources
  - Sustainability
  - Water Resources

---

**JUNE**

- **Courses:**
  - Development Agreements, Public-Private Partnerships and Redevelopment 2.0
  - Vested Rights, Vesting Maps and Development Agreements
  - Special Status Amphibians and Reptiles of Northern California

**JULY**

- **Courses:**
  - CEQA and Climate Change: An In-Depth Approach
  - Working with ArcGIS and Migrating to ArcGIS Pro
  - Bicycle Planning in Transportation
  - Sustainability and the Built Environment
  - Writing for Planners, Engineers and Policymakers
  - Public Real Estate Transactions
  - Habitat Conservation Plan Implementation
  - CEQA: A Step-by-Step Approach

**AUGUST**

- **Courses:**
  - Free Planning and Sustainability Information Session
  - Introduction to Fluvial Geomorphology
  - Developing Groundwater Sustainability Plans: Strategies and Process
  - Advanced GIS: Productivity, Geoprocessing and Analysis
  - LEED Building Certification

**JULY**

- **Courses:**
  - Special Status Amphibians and Reptiles of Northern California
  - Advanced GIS
  - LEED Building Certification

**SEPTEMBER**

- **Courses:**
  - Free Planning and Sustainability Information Session
  - Introduction to Fluvial Geomorphology
  - Developing Groundwater Sustainability Plans: Strategies and Process
  - Advanced GIS: Productivity, Geoprocessing and Analysis
  - LEED Building Certification

---

**EXTENSION.UCDAVIS.EDU/LANDUSE**

UC Davis Extension
University of California
1333 Research Park Drive
Davis, CA 95618-4852

Nonprofit Org.  U.S. Postage  PAID  UC Davis
<table>
<thead>
<tr>
<th>JUNE</th>
<th>JULY</th>
<th>AUGUST</th>
<th>SEPTEMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sunday</td>
<td>Sunday</td>
<td>Sunday</td>
<td>Sunday</td>
</tr>
<tr>
<td>Monday</td>
<td>Monday</td>
<td>Monday</td>
<td>Monday</td>
</tr>
<tr>
<td>Tuesday</td>
<td>Tuesday</td>
<td>Tuesday</td>
<td>Tuesday</td>
</tr>
<tr>
<td>Wednesday</td>
<td>Wednesday</td>
<td>Wednesday</td>
<td>Wednesday</td>
</tr>
<tr>
<td>Thursday</td>
<td>Thursday</td>
<td>Thursday</td>
<td>Thursday</td>
</tr>
<tr>
<td>Friday</td>
<td>Friday</td>
<td>Friday</td>
<td>Friday</td>
</tr>
<tr>
<td>Saturday</td>
<td>Saturday</td>
<td>Saturday</td>
<td>Saturday</td>
</tr>
<tr>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
</tr>
<tr>
<td>4</td>
<td>5</td>
<td>6</td>
<td>7</td>
</tr>
<tr>
<td>5</td>
<td>6</td>
<td>7</td>
<td>8</td>
</tr>
<tr>
<td>6</td>
<td>7</td>
<td>8</td>
<td>9</td>
</tr>
<tr>
<td>7</td>
<td>8</td>
<td>9</td>
<td>10</td>
</tr>
<tr>
<td>8</td>
<td>9</td>
<td>10</td>
<td>11</td>
</tr>
<tr>
<td>9</td>
<td>10</td>
<td>11</td>
<td>12</td>
</tr>
<tr>
<td>10</td>
<td>11</td>
<td>12</td>
<td>13</td>
</tr>
<tr>
<td>11</td>
<td>12</td>
<td>13</td>
<td>14</td>
</tr>
<tr>
<td>12</td>
<td>13</td>
<td>14</td>
<td>15</td>
</tr>
<tr>
<td>13</td>
<td>14</td>
<td>15</td>
<td>16</td>
</tr>
<tr>
<td>14</td>
<td>15</td>
<td>16</td>
<td>17</td>
</tr>
<tr>
<td>15</td>
<td>16</td>
<td>17</td>
<td>18</td>
</tr>
<tr>
<td>16</td>
<td>17</td>
<td>18</td>
<td>19</td>
</tr>
<tr>
<td>17</td>
<td>18</td>
<td>19</td>
<td>20</td>
</tr>
<tr>
<td>18</td>
<td>19</td>
<td>20</td>
<td>21</td>
</tr>
<tr>
<td>19</td>
<td>20</td>
<td>21</td>
<td>22</td>
</tr>
<tr>
<td>20</td>
<td>21</td>
<td>22</td>
<td>23</td>
</tr>
<tr>
<td>21</td>
<td>22</td>
<td>23</td>
<td>24</td>
</tr>
<tr>
<td>22</td>
<td>23</td>
<td>24</td>
<td>25</td>
</tr>
<tr>
<td>23</td>
<td>24</td>
<td>25</td>
<td>26</td>
</tr>
<tr>
<td>24</td>
<td>25</td>
<td>26</td>
<td>27</td>
</tr>
<tr>
<td>25</td>
<td>26</td>
<td>27</td>
<td>28</td>
</tr>
<tr>
<td>26</td>
<td>27</td>
<td>28</td>
<td>29</td>
</tr>
<tr>
<td>27</td>
<td>28</td>
<td>29</td>
<td>30</td>
</tr>
<tr>
<td>28</td>
<td>29</td>
<td>30</td>
<td>31</td>
</tr>
<tr>
<td>29</td>
<td>30</td>
<td>31</td>
<td></td>
</tr>
</tbody>
</table>

**JUNE**
- CEQA and Climate Change: An In-Depth Approach (1)
- Working with ArcGIS and Migrating to ArcGIS Pro (3)
- Bicycle Planning in Transportation (2)
- Sustainability and the Built Environment (3)
- Online Webinar: Writing for Planners, Engineers and Policy makers (1)
- Public Real Estate Transactions (1)
- Habitat Conservation Plan Implementation (1)
- Development Agreements, Public-Private Partnerships and Redevelopment 2.0 (1)
- Vested Rights, Vesting Maps and Development Agreements (1)
- Special Status Amphibians and Reptiles of Northern California (2)
- CEQA: A Step-by-Step Approach (1)

**AUGUST**
- CEQA and Climate Change: An In-Depth Approach (1)
- Working with ArcGIS and Migrating to ArcGIS Pro (3)
- Bicycle Planning in Transportation (2)
- Sustainability and the Built Environment (3)
- Online Webinar: Writing for Planners, Engineers and Policy makers (1)
- Public Real Estate Transactions (1)
- Habitat Conservation Plan Implementation (1)
- Development Agreements, Public-Private Partnerships and Redevelopment 2.0 (1)
- Vested Rights, Vesting Maps and Development Agreements (1)
- Special Status Amphibians and Reptiles of Northern California (2)
- CEQA: A Step-by-Step Approach (1)

**SEPTEMBER**
- CEQA and Climate Change: An In-Depth Approach (1)
- Working with ArcGIS and Migrating to ArcGIS Pro (3)
- Bicycle Planning in Transportation (2)
- Sustainability and the Built Environment (3)
- Online Webinar: Writing for Planners, Engineers and Policy makers (1)
- Public Real Estate Transactions (1)
- Habitat Conservation Plan Implementation (1)
- Development Agreements, Public-Private Partnerships and Redevelopment 2.0 (1)
- Vested Rights, Vesting Maps and Development Agreements (1)
- Special Status Amphibians and Reptiles of Northern California (2)
- CEQA: A Step-by-Step Approach (1)

**SUMMER 2018**
- AWARD-WINNING PROFESSIONAL EDUCATION
- University of California Extension
- UC Davis
- UC Davis Extension
- UC Davis, CA 95618-4852
- UCDAVIS.EDU/LANDUSE

**SUMMER 2018 CALENDAR**
ENHANCE YOUR CAREER, YOUR COMMUNITY AND THE ENVIRONMENT with comprehensive education that’s innovative, relevant and taught by recognized experts in the field. Our programs provide real-world learning and exceptional networking opportunities. Learn to predict and manage the environment and develop strategies to work effectively within the regulatory and environmental framework of planning. Gain skills to develop healthier communities and define effective ways to utilize our natural resources, including water and soil. Finally, discover tools to address and resolve conflicts through better communication. We hope to see you in class!

LAND USE AND NATURAL RESOURCES SUMMER 2018 AT A GLANCE

Bicycle Planning in Transportation Planning

LAND USE AND NATURAL RESOURCES

• July 12–14, 9 a.m.–4 p.m.
• Sacramento, 2901 K St.
$750. Enroll in section 181GIS105.

SUSTAINABILITY

• Sacramento, 200 K St.
$675. Enroll in section 191LAN100.

Free Online Conference Resolution Information Session

Join us to learn about what our professional concentration in Conflict Resolution can benefit you. Our comprehensive program covers all facets of conflict resolution—from roles and responsibilities of the facilitator to mediation and stakeholder involvement. Speak with program faculty and advisors to learn how earning a professional concentration in conflict resolution can benefit you both personally and professionally.

• July 25, 10 a.m.–1 p.m.
• In event via WEBEX

Sustainability and the Built Environment: An Overview

In this comprehensive course, you will examine sustainability principles as they apply to the built environment—from the economic, environmental and social-equity perspectives.

• June 26–28, 8 a.m.–4:30 p.m.
• Sacramento, 200 K St.
$675. Enroll in section 191SUS100.

LAND USE AND NATURAL RESOURCES 2018 AT A GLANCE

Free Online Planning and Sustainability Information Session

Join us for this free information session to learn more about the programs in our Planning and Sustainability portfolio, including Land Use and Natural Resources, Geographic Information Systems and Sustainability. Meet our instructors and staff and find out what our programs can offer you.

• Aug. 29, noon–2 p.m.
• In event via WEBEX

June 22–25: Thurs.–Sun., 9 a.m.–4:30 p.m.
David Int’l Center, 420 California Ave.
$400. Enroll in section 181PRC128.

Developing Agreements, Public-Private Partnerships and Redevelopment 2.0

Discuss public-private partnerships and the legal and practical considerations impacting how cities, transit- and private developers can collaborate on matters involving economic development.

• July 9–10, 9 a.m.–4:30 p.m.
Sacramento, 2901 K St.
$950. Enroll in section 191LAN111.

Special Status Amphibians and Reptiles of California

The two-day course covers the identification, distribution, natural history, ecology, conservation history and conservation status of the Northern and Southern California amphibian and reptile species and subspecies that are listed as threatened or endangered by the California Department of Fish and Wildlife or the U.S. Fish and Wildlife Service.

• Aug. 20–21, 8 a.m.–5 p.m.
Sacramento, 200 K St.
$415. Enroll in section 191LAN102.

CEGA: A Step-by-Step Approach

Learn the intricacies of the CEQA process and the implications it has for your organization or project. Discuss the latest changes to the state CEGA guidelines, new case law and regulation.

• Aug. 7–9, 9 a.m.–4:30 p.m.
Sacramento, 2901 K St.
$400. Enroll in section 191SUS101.

CEGA and Climate Change: An In-Depth Update

The implications of global warming and climate change on compliance with CEQA are evolving and becoming more important each year in California. Participate in an in-depth discussion of the implications of our evolving understanding of climate change and its practical effects on CEGA compliance.

• Aug. 13–15, 9 a.m.–4:30 p.m.
Sacramento, 200 K St.
$950. Enroll in section 191SUS102.

Writing for Planners, Engineers and Policymakers

Engineers, planners and other professionals require a high degree of technical writing skill to produce a variety of documents including trip reports, fact sheets and emails. Through short writing exercises and a review of good and bad writing examples, acquire practical skills that you can use immediately to prepare high-quality documents.

• Aug. 21, 9 a.m.–4:30 p.m.
Sacramento, 2901 K St.
$400. Enroll in section 191LAN110.

Habitat Conservation Plan Implementation

Examine the techniques and best practices for implementing Habitat Conservation Plans. Natural Community Conservation Plans and other types of regional conservation plans for endangered species. Learn how to address the challenges of implementing a plan. 

• Aug. 21–22, 8 a.m.–4 p.m.
Sacramento, 200 K St.
$675. Enroll in section 191LAN114.

Vested Rights, Vesting Maps and Development Agreements

Examine the legal basis for development agreements and the overlaying agreements and vesting subdivision maps. Learn the negotiating strategies you need to discuss the range of options available when negotiating a development agreement, and review the theoretically possible agreement.

• Aug. 28–29, 9 a.m.–4:30 p.m.
Sacramento, 200 K St.
$950. Enroll in section 191LAN113.

Public Real Estate Transactions

Understanding the public and private transaction process with essential knowledge for anyone in the public or nonprofit sectors involved in the acquisition, resale, appraisal or management of public property. Learn the fundamentals of this process and how to determine if the transaction is right for your institution, which can use immediately to prepare high-quality documents.

• June 20–22, Wed.–Fri., 9 a.m.–5 p.m.
David Int’l Center, 420 California Ave.
$175. Enroll in section 191LAN105.

Advanced GIS: Productivity, Geoprocessing and Analysis

Increase your understanding of available tools in ArcGIS for many types of spatial analyses and learn how to choose the appropriate set of tools for different solutions.

• Aug. 15–17, Wed.–Fri., 8 a.m.–6 p.m.
Sacramento, 200 K St.
$750. Enroll in section 191LAN107.

Developing Groundwater Sustainability Plans: Strategies and Process

Learn about the various steps and content of the groundwater sustainability plans and analyze various implementation strategies that meet the technical requirements of the Sustainable Groundwater Management Act. Explore alternative strategies involving options like conjunctive use and groundwater recharge, extraction limits and fees, shared resource agreements, conservation and recycling strategies, water quality considerations, modeling and monitoring and permitting and approval.

• Sept. 10–12, 9 a.m.–4:30 p.m.
Sacramento, 200 K St.
$950. Enroll in section 191LAN103.

GEOPHYSICAL INFORMATION SYSTEMS

NEW! Working with ArcGIS and Migrating to ArcGIS Pro

Join laptops with experience with ArcMap and ArcCatalog (Version 10.x), as well as the newest Geodatabase development platform, ArcGIS Pro. Learn how to work with tables, creating layouts, and analysis in ArcGIS Pro.

• Aug. 27–30, Mon.–Thurs., 9 a.m.–5 p.m.
Sacramento, 200 K St.
$1,300. Enroll in section 191LAN104.

WATER RESOURCES

Introduction to Fluvial Geomorphology

Gain an overview of fluvial geomorphology, using a holistic watershed approach that highlights the processes of river and floodplain development. Gain an understanding of the interaction of surface, land and groundwater and their effects on the landscape.

• Sept. 10–13, Thurs.–Sun., 9 a.m.–4:30 p.m.
Sacramento, 200 K St.
$950. Enroll in section 191LAN101.

Pictured on the cover: Western pond turtle (Actinemys marmorata), a California Species of Special Concern. Photograph taken by Sean Barry, a herpetologist, conservation biologist and instructor for UC Davis Extension with more than 50 years of experience studying California amphibian and reptile populations.