UC SANTA CRUZ
2021 LRDP DRAFT EIR
PUBLIC HEARINGS

INTRODUCTION +
LRDP SUMMARY

FEBRUARY 3, 2021  |  5 – 7 PM
FEBRUARY 4, 2021  |  5 – 7 PM
Purpose

The University's fundamental missions are teaching, research and public service.

- Educational opportunity and access provided to all Californians.
- Demand for a UC Santa Cruz education continues to be high.
- The diversity of our student population is growing.
- An increasing number of first-generation and low-income students are being educated.
- We rank among the top universities in the nation for student social mobility.
- The innovative research conducted benefits society as a whole.

The LRDP balances development to support academic mission with our commitment to environmental stewardship, to chart an innovative and resilient course for our campus.
What is an LRDP?

What is a Long Range Development Plan (LRDP)?

- A comprehensive framework that guides physical development...needed to achieve academic goals

- Includes a building program and land use map to guide siting of buildings and infrastructure

- Does not constitute a mandate for projected enrollment, nor is it a detailed implementation plan for development. It does not commit the campus to carrying out development on any given timeline.
Scope

Residential Campus
- ~2,040 acres
- Embedded in an open space and ecological system

Westside Research Park
- ~18 acres
- Includes former Texas Instruments building, currently used for research
- Located within the evolving Westside neighborhood
Campus Planning History

FUNCTIONAL USE DIAGRAM 1963

1963

1971

1978

1988

2005

2021

UC SANTA CRUZ  2021 LONG RANGE DEVELOPMENT PLAN DRAFT EIR | PUBLIC HEARINGS FEB 3 AND 4, 2021
Site and Community Context

GEOLOGY

VEGETATION

WATERSHED

HABITAT

TOPOGRAPHY

KARST
LRDP Objectives

1. Expand campus facilities and infrastructure to plan for projected increases in student enrollment through 2040 based on statewide public educational needs and include housing for 100% of new FTE students (above the 2005 LRDP total of 19,500 FTE students) in both colleges and student housing developments and commensurate academic and support space.

2. Ensure compact and clustered development of academic, administrative and support facilities in the academic core with student housing and colleges around the periphery to facilitate shared resources, provide convenient access, and promote pedestrian circulation.

3. Provide for establishment of two new college pairs at the main residential campus to provide housing and academic services in a close-knit intellectual and social environment.

4. Protect, to the extent feasible, existing campus open spaces in the built environment including areas designated as Natural Space to maintain an interconnectedness between natural resources and wildlife corridors and critical scenic viewsheds and areas designated as Outdoor Research and Natural Reserve to protect natural features and processes for teaching and learning, and to support dedicated outdoor research programs.
LRDP Objectives

5. **Increase on campus housing opportunities for faculty and staff** at the main residential campus and potentially the Westside Research Park to allow **25% of new faculty and staff, based on demand, to be housed on campus.**

6. **Recognize**, to the extent feasible, UC Santa Cruz and **regional histories within the campus**, including maintaining existing historic structures and enhancing the Cowell Lime Works Historic District as a campus gateway.

7. **Maintain an improved, more efficient roadway network** to support transit with peripheral parking and mobility hubs.

8. **Promote Transportation Demand Management (TDM)** programs and provide infrastructure to optimize trip- and vehicle-miles-travelled-reduction benefits and efficiency of transit, bike, and pedestrian access to, from, and within the campus to **reduce the use of single occupancy vehicles.**

9. **Foster long-term physical and social resilience**, including a response to climate change, by modeling climate resiliency and adaptation strategies and **integrating sustainability leadership into campus teaching, learning, research, design and operations.**

10. **Provide spaces for social events and academic facilities to enable the campus as a center for public cultural life in the region** through public programs, events, and services

11. **Respect and reinforce the Physical Planning Principles and Guidelines to maintain the unique character of the UC Santa Cruz campus.**
Population Projections

- Commitment to continue to expand opportunity for California’s young people – enhancing diversity, producing more college graduates to fuel economic growth, and continuing to provide a path for social mobility.

- Enrollment shown is total potential projected student enrollment over the next twenty years, until 2040.

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<thead>
<tr>
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<tbody>
<tr>
<td>Students(^1)</td>
<td>18,518(^1)</td>
<td>9,482</td>
<td>28,000</td>
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<tr>
<td>Faculty and staff</td>
<td>2,800(^2)</td>
<td>2,200</td>
<td>5,000</td>
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<tr>
<td>Total</td>
<td>21,318</td>
<td>11,682</td>
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1. Fall Winter Spring (FWS) three quarter average on-campus student enrollment at UC Santa Cruz in the 2018-2019 academic year.
2. Fall Winter Spring (FWS) three quarter average on-campus employee FTE at UC Santa Cruz in the 2018-19 academic year. The 2,800 FTE represents 3,657 employee headcount.
Building Program

- Additional 2.5M ASF of Housing
- Additional 3M ASF of Academic + Support Space
- Additional 600,000 ASF of Student Support + Public Services
- Housing for 100% of new student FTE enrollment on campus
- Housing for 25% of new employees on campus, based on demand
- Cross-departmental research activities and collaborations
- Colloquia and conference space for sharing research.
- Wellness and health, graduate commons, magnets for interactions like cafes, recreation facilities

Existing and Proposed Campus Space

<table>
<thead>
<tr>
<th>Category</th>
<th>Existing</th>
<th>Proposed</th>
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</thead>
<tbody>
<tr>
<td>Instruction + Research</td>
<td>500,000</td>
<td>1,500,000</td>
</tr>
<tr>
<td>Academic + Administrative Support</td>
<td>500,000</td>
<td>1,500,000</td>
</tr>
<tr>
<td>Student Support + Public Services</td>
<td>500,000</td>
<td>2,000,000</td>
</tr>
<tr>
<td>Facilities + Operations</td>
<td>500,000</td>
<td>500,000</td>
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<tr>
<td>Student Housing</td>
<td>3,000</td>
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<tr>
<td>Employee Housing</td>
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</table>
Vision

The Campus Land –

Respect and Resiliency

Campus and Community –

Culture and Connectivity

Academic Core Infill and Expansion – Growth From Within

Campus Life and Student Housing – the Expanded Ring

Pedestrian Mobility –

Web of Pathways

Circulation Framework –

Integrated Mobility Strategy
Land Use Plans

- Academic and Support 163 acres
- Colleges and Student Housing 277 acres
- Employee Housing 82 acres
- Employee Housing Overlay

- Outdoor Research 74 acres
- Natural Space 513 acres
- Campus Natural Reserve 789 acres
- Campus Habitat Preserve 26 acres

- Historic District 28 acres
- Recreation and Athletics 67 acres
- Facilities and Operations 21 acres
- Mixed Use 10 acres

- Existing Roadway
- Proposed Roadway

UC SANTA CRUZ 2021 LONG RANGE DEVELOPMENT PLAN DRAFT EIR PUBLIC HEARINGS FEB 3 AND 4, 2021
Integrated Transportation Strategy

Road Network

Pedestrian Network

Bicycle Network

Northern Entrance

Meyer Drive Extension

Western Drive Extension
Utilities + Infrastructure Framework

• Pursue climate-adaptive strategies to continue to plan a resilient campus

• Commit to UC Carbon Neutrality Initiative by 2025

• Comply with UC Sustainable Practices Policy

• Minimize increase in potable water use on campus; expand non-potable water network and continue stormwater capture, reuse, and recycle opportunities
CEQA Overview

The California Environmental Quality Act (CEQA) requires public agencies to:

• Disclose physical environmental effects of a proposed project

• Avoid or reduce significant environmental effects to the extent feasible through mitigation measures or alternatives

• Prepare an environmental impact report (EIR) for a proposed project that may result in a significant impact on the environment

Purpose of an EIR

• Identify potential physical environmental impacts of a proposed project

• Identify mitigation measures to minimize effects and alternatives to avoid or substantially lessen any significant project impacts

• A program-level EIR is appropriate when a “CEQA project” consists of a plan with planning criteria
The EIR Process

- Issuance of Notice of Preparation (NOP)  
  *Feb 25, 2020*

- Adjust scope based on NOP comments and Prepare of Draft EIR  
  *Spring 2020*

- Public Review/Comments on Draft EIR  
  *Jan 7 - Mar 8, 2021*

- UC Regents Consideration of EIR for Certification and Project Approval  
  *Summer 2021*

- Public Review/Comments on Scope of EIR  
  *Feb 25 - Apr 8, 2020*

- Issuance of Draft EIR  
  *Jan 7, 2021*

- Prepare Responses to Comments and Final EIR  
  *Spring 2021*

- SCOPING MEETINGS  
  *MARCH 12, 2020 & APRIL 1, 2020*
<table>
<thead>
<tr>
<th>Environmental Issues Evaluated in the EIR</th>
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<tbody>
<tr>
<td>• Aesthetics</td>
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<tr>
<td>• Agriculture and Forestry Resources</td>
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<tr>
<td>• Air Quality</td>
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<tr>
<td>• Biological Resources</td>
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<tr>
<td>• Cultural Resources</td>
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<td>• Energy</td>
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<td>• Geology and Soils</td>
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<td>• Greenhouse Gas Emissions/Climate Change</td>
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<td>• Hazards and Hazardous Materials</td>
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<td>• Hydrology and Water Quality</td>
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<tr>
<td>• Land Use and Planning</td>
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<tr>
<td>• Mineral Resources</td>
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<tr>
<td>• Noise</td>
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<tr>
<td>• Population and Housing</td>
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<tr>
<td>• Public Services</td>
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<tr>
<td>• Recreation</td>
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<tr>
<td>• Transportation</td>
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<tr>
<td>• Tribal Cultural Resources</td>
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<tr>
<td>• Utilities and Service Systems</td>
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<tr>
<td>• Wildfire</td>
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EIR Conclusions

Significant and Unavoidable Impacts

- **Air Quality**
  - Operational emissions of criteria air pollutants and precursors
  - Conflict with or obstruct implementation of an applicable Air Quality Plan (AQMP)

- **Historical Resources**
  - Potential for loss of historical resources

- **Noise**
  - Generate substantial temporary construction noise

- **Population and Housing**
  - Directly or indirectly induce substantial unplanned population growth and housing demand

- **Utilities and Service Systems**
  - Impacts on water supply
EIR Conclusions

Significant but Mitigable Impacts

• **Aesthetics**
  • The potential to result in adverse effects on the aesthetic quality of the Cowell Lime Works Historic District, degrade existing visual character or quality, and/or create a new source of light or glare.
    • Mitigation: Setbacks and buffers to protect views and minimize light and glare.

• **Air Quality**
  • Construction-generated emissions of nitric oxides (NOx)
    • Mitigation: Reduction of constructed-generated emissions.

• **Archaeological, Historical, and Tribal Cultural Resources**
  • Impacts to unique archaeological resources
    • Mitigation: Surveys and protection of archaeological resources.
  • **Substantial adverse change in the significance of a tribal cultural resource**
    • Mitigation: Notification, monitoring and protection.
EIR Conclusions

Significant but Mitigable Impacts

• Biological Resources
  • Potential disturbance or loss of special status plant and animal species, sensitive habitat and natural communities, wetlands, wildlife nurseries and conflicts with habitat conservation plans.

  Mitigation: Project-level surveys, preservation and compensatory mitigation if needed. If any future projects would result in “take” of species, UC Santa Cruz may pursue incidental take coverage or develop a campus-wide Habitat Conservation Plan. Mitigation also includes establishment of alternative preserve to amend the Ranch View Terrace Habitat Conservation Plan if needed.

• Geology and Soils
  • Potential disturbance of paleontological resources
    • Mitigation: Awareness training and protection of a resource is found.
EIR Conclusions

Significant but Mitigable Impacts

- **Greenhouse Gas Emissions**
  - Generate Greenhouse Gas (GHG) emissions that may have a significant impact on the environment.
    - Mitigation: On-campus or regional GHG reduction projects, and if necessary, purchase of carbon offset credits.

- **Hazards and Hazardous Materials**
  - Result in the release of hazardous materials from unknown contamination that has not been characterized or remediated.
    - Mitigation: Investigation and work plan, contingency plan, and minimization of hazards.
  - Result in the reduction of travel lanes on roadways where construction may occur that could interfere with the Campus Emergency Operations Plan.
    - Mitigation: Traffic management plans during construction.
EIR Conclusions

Significant but Mitigable Impacts

• **Hydrology and Water Quality**
  • Impacts to karst aquifer supply and recharge
    • Mitigation: Procedures for building on karst; groundwater level and spring flow monitoring.

• **Noise**
  • Generate temporary construction-generated vibration levels
    • Mitigation: Reduce ground vibration in proximity to sensitive land uses
  • Generate stationary source noise
    • Mitigation: Noise reduction measures from loading dock activity.

• **Public Services**
  • Impacts on fire facilities
    • Mitigation: New fire equipment and expansion of on-campus fire station.

• **Transportation**
  • Conflict with CEQA Guidelines related to Vehicle Miles Traveled
    • Mitigation: Transportation Demand Management (TDM) program.
EIR Conclusions

Significant but Mitigable Impacts

- Wildfire
  - Compatibility with adopted emergency response plan
    - Mitigation: Traffic management plans during construction.
  - Wildfire risk associated with new development and land use patterns
    - Mitigation: Implementation of vegetation management plan.
EIR Conclusions

Significant Cumulative Impacts

- **Air Quality**
  - Operational air quality emissions

- **Archaeological, Historical, and Tribal Cultural Resources**
  - Potential for loss of historical resources

- **Noise**
  - Generate substantial temporary construction noise

- **Utilities and Services Systems**
  - Impacts on water supply
Project Alternatives

Alternative 1: No Project: Required by the CEQA Guidelines to compare the impacts of approving the project with the impacts of not approving the project.

- **Student Population:** Planned growth as contemplated in the 2005 LRDP of up to 1,000 additional students to 19,500 students.

- **Employee Population:** 150 additional faculty and staff

- **Development:** 1,322,000 additional assignable square feet (asf) of academic/administrative space
Project Alternatives

Alternative 2: Reduced LRDP Enrollment:
Alternative 2 includes both reduced density and lower enrollment

• **Student Population:** Additional 7,882 above baseline / 26,400 FTE students total

• **Employee Population:** Additional 1,190 faculty/staff / 4,000 total faculty / staff

• **Development:** 2,467,000 asf of new academic and administrative space. 6,900 student beds and 300 faculty/staff housing units
Project Alternatives

Alternative 3: Reduced Development

Footprint: Alternative 3 avoids environmental impacts associated with some development of campus. Densifies development in the central and lower campus.

- **Student Population:** Additional 7,882 student FTE / 26,400 student FTE total
- **Employee Population:** Additional 1,190 faculty/staff / 4,000 total faculty / staff
- **Development:** 2,467,000 asf of new academic and administrative space. 6,900 student beds and 300 faculty/staff housing units
Project Alternatives

**Alternative 4: Reduced Campus Growth and Use of UC MBEST Off-Site:** Alternative 4 would reallocate some of the projected growth to the UC MBEST site and expand the on-line/remote learning component.

- **Student Population:** Additional 9,482 student FTE above baseline / 28,000 FTE students total. 6,300 FTE students within the LRDP area and up to 1,400 FTE students in expanded online/remote learning programs, and 1,800 FTE graduate students at the UC MBEST site.

- **Employee Population:** 1,100 additional faculty/staff on-campus, 250 faculty/staff for remote learning programs, and 320 faculty/staff at UC MBEST. Total of 4,500 faculty / staff.

- **Development:** 1,100,000 asf of academic/administrative & support space within the LRDP area and 250,000 asf of academic/administrative space at UC MBEST. 6,300 student housing units and 280 faculty/staff housing units.
Environmentally Superior Alternative

Alternative 2

• Alternative 2 would meet most of the project objectives and result in a reduction of impacts compared to the 2021 LRDP, especially with respect to the overall level of development.

• Alternative 2 would not meet the key project objective of allowing campus growth to the full 28,000 FTE students.

• Alternative 2 would not avoid the significant and unavoidable impacts associated with historic resources, noise, population and housing, and water supply that were identified for the 2021 LRDP.
How to Review the Draft EIR

Electronically

• Available online at: https://lrdp.ucsc.edu/
• USB/flash drive can be provided upon request

Hardcopies

• Hardcopy is available for “Grab & Go Library Service” pickup at any of the Santa Cruz Public Library branches. For hours and instructions visit: https://www.santacruzpl.org/grab-and-go/
• Hardcopies are available for scheduled pickup from UC Santa Cruz. Please contact: lrdp@ucsc.edu or via telephone at (831) 459-3732 for more information.
Public Comments on the Draft EIR

After the public hearings, submit any written comments:

**Via Mail**
Erika Carpenter  
Senior Environmental Planner  
Physical Planning, Development, and Operations  
University of California, Santa Cruz  
1156 High Street, Santa Cruz, CA 95064

**Via Email**
eircomment@ucsc.edu

Public comment period open until: 5:00 p.m. on **Monday, March 8, 2021**