

加州大學戴維斯分校－國立中興大學3+X碩士學位 UC Davis – NCHU 3+X Master's Program

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Why choose California and UC Davis??

加州農業產值是全美第一，擁有全世界最大的地中海型氣候區

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Year: 2019 Nominal/real dollars Nominal (current)

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Cash receipts by commodity, state ranking, 2019
Nominal (current dollars)

all commodities

Rank	State	State receipts for all commodities	Share of U.S. receipts for all commodities	Cumulative share of U.S. receipts for all commodities
	United States	\$1,000	Percent	Percent
	United States	369,723,116		
1	California	50,137,407	13.6	13.6
2	Iowa	27,416,093	7.4	21.0
3	Nebraska	21,364,958	5.8	26.8
4	Texas	21,224,814	5.7	32.5
5	Minnesota	16,700,594	4.5	37.0
6	Illinois	16,504,864	4.5	41.5

What's Growing?

Top Agricultural Products in CALIFORNIA

DAIRY PRODUCTS
\$6.3B

Farm Fact: A dairy cow produces about 6.3 gallons of milk each day and 350,000 glasses of milk in a lifetime.

STRAWBERRIES
\$1.86B

Farm Fact: Strawberries are the first fruit to ripen in the spring.

TOMATOES
\$1.71B

Farm Fact: The average person consumes a whopping 88 pounds of tomatoes every year in the United States.

ALMONDS
\$5.33B

Farm Fact: A tasty, high-protein snack, almonds have 6 grams of protein per ounce.

FLORICULTURE
\$1.08B

Farm Fact: Floriculture is flower farming. More than 30 percent of U.S. consumers buy fresh flowers each year.

GRAPES
\$4.95B

Farm Fact: Table grapes (those not used for wine) are considered berries and grow with an average of 100 berries on each bunch.

WALNUTS
\$977M

Farm Fact: Walnuts are one of the best plant food sources of omega-3 fatty acids, beneficial to the brain and heart.

CATTLE & CALVES
\$3.4B

Farm Fact: A steer typically weighs about 1,000 pounds and yields about 450 pounds of edible meat.

HAY
\$958M

Farm Fact: Sheep and goats refuse to eat trampled hay, but cows and horses will gobble it up.

LETTUCE
\$2.26B

Farm Fact: Lettuce leaves that are darker in color indicate high fiber, better flavor and nutritional value.

FARM FLAVOR

Based on 2015 cash receipts according to the U.S. Department of Agriculture Economic Research Service. Excludes stats for "miscellaneous crops" and "all other animal products".

Visit FarmFlavor.com to learn your state's top agriculture products.

牛奶、杏仁、葡萄、牛肉、生菜、草莓、番茄、花卉、核桃、牧草、橘子等



全美第一、全世界第二獸醫學院
全美第一、全世界第二農學院

UC DAVIS
UNIVERSITY OF CALIFORNIA

Established in **1908**

Comprehensive public land-grant
tier-one research university

39,152 enrolled students

75,000 jobs supported statewide

\$230+ million from philanthropy annually
from nearly **37,000** donors

\$847 million in annual research funding

\$5 billion annual budget

\$8.1 billion in annual economic activity

1
1ST IN THE U.S. AND
2ND IN THE WORLD
FOR VETERINARY SCIENCE

1
1ST IN THE U.S. AND
2ND IN THE WORLD
FOR AGRICULTURE

1
1ST IN THE U.S. FOR
LAUNCHING WOMEN INTO
STEM PROFESSIONS

3
3RD GREENEST UNIVERSITY
IN THE WORLD

5
5TH AMONG BEST
PUBLIC UNIVERSITIES
IN THE U.S.

9
9TH IN THE NATION FOR
CONTRIBUTIONS TO THE
"PUBLIC GOOD"

10
10TH AMONG
U.S. UNIVERSITIES
IN NUMBER OF
INTERNATIONAL SCHOLARS

HSI
HISPANIC SERVING
INSTITUTION (HSI)

ilie
The Power of
International
Education
INAUGURAL SENIOR
INTERNATIONAL OFFICER
AWARD (2019)

G
TOP PRODUCER FOR
GILMAN SCHOLARSHIPS
FOR PROGRAMS ABROAD

1 OF 5
PUBLIC UNIVERSITIES WITH OUR
BREADTH OF EXPERTISE

HUMAN HEALTH

ANIMAL HEALTH

AG & ENVIRONMENT

綜合型研究大學

4 Colleges

- Agricultural and Environmental Sciences
- Biological Sciences
- Engineering
- Letters and Science
 - Humanities, Arts and Cultural Studies
 - Mathematical and Physical Sciences
 - Social Sciences

6 Professional Schools

Education

Law

Management

Medicine

Veterinary Medicine

School of Nursing

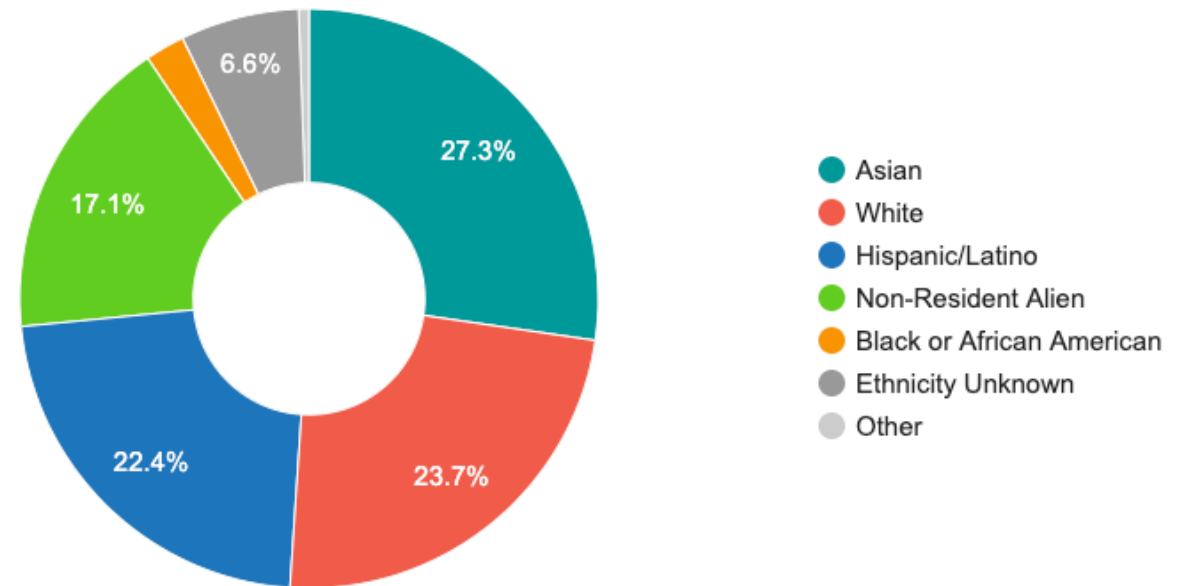
Lifelong Education

UC Davis Continuing & Professional Education

UC Cooperative Extension

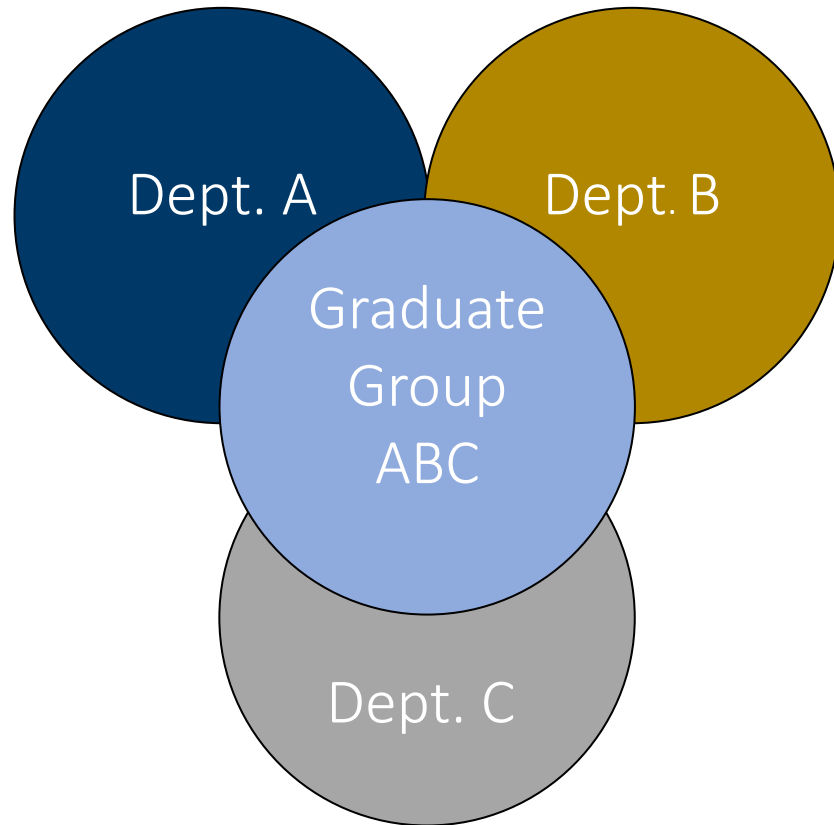
Graduate Program Ranking

- Veterinary Medicine: #1 in the World
- Agriculture: #2 in the World
- Animal Behavior: #2 in the World
- Ecology/Evolutionary Biology : #2 in the World
- Plant Science : #2 in the World
- Biological/Agricultural Engineering : #3 in the U.S.
- Environmental Engineering : #9 in the U.S
- Medicine : Top 10 in the U.S.
- Environmental Sciences : #17 in the U.S
- Biological Sciences : #18 in the U.S



Departmental Graduate Programs and Interdisciplinary Graduate Programs

INTERDISCIPLINARY GRADUATE GROUPS



- UCD 研究所主要為學程的形式，像是一個研究所學程可能有各系所的老師

舉例說明：
Microbiology graduate group的老師可能來自植病系、生科系、醫學免疫所等
- UCD的學制為Quarter制，一學年分為秋季、冬季、春季，三個學期。
- 美國博士與碩士班，大學畢業即可申請，不用先讀碩士再讀博士班，因此課程都是碩博班一起上課。

UCD 3+X Program Overview



- “3+X” 是指在大三結束後，並且完成本系大四所需的必修後，秋季前往UCD完成一學期的Global Study Program，冬季班就可以在研究所註冊就讀。
- 學生可以一到UCD就開始修碩士課程或是補完在中興所缺的學分。
- 只要各學程許可，可以轉學程、雙主修、或是直攻博班。

UC Davis –中興大學3+X簽署系所

中興大學

植物病理系
應用經濟系
土木工程系
生命科學系

UC Davis

Plant Pathology (M.S.)
Civil and Environmental Engineering (M.S.)
Agricultural and Resource Economics (M.S.)
Plant Biology (M.S.)

植病系可以選UCD Plant Pathology or Plant Biology!!

基本架構



時間範例



完成英文考試、大四必修、申請資料等，向生科中心提出申請，一月多完成UCD碩班線上申請手續。

盡量在大三修完NCHU所需課程，大多4/15前會知道美國申請的結果。

暑假完成簽證等手續，準備飛往美國，UCD大多9月底才開學，9~12月進入GSP課程，可以提前修碩士課程，或完成NCHU選修。

需要在2021前完成NCHU學業，並且拿到畢業證書。

2021的冬季班(2021/1月)開始讀碩士班。

UCD3+X步驟1:所需資格

- 大三在學學生
- GPA:平均成績85%以上
- 需要通過NCHU的審查，學校會送名單至UCD。
目前一年可以約5人（並且給予獎學金）
- 英文成績
 - TOEFL：80分以上
 - IELTS：7.0或以上
- 2021年UCD Plant Pathology不需要GRE成績

UCD3+X 步驟2:完成NCHU與UCD碩士班申請

- 需要完成NCHU校內申請，並且取得資格。
- 在UCD Plant Pathology申請截止日前01/05，完成UCD入學申請：繳交所有所需資料與英語考試成績

UCD3+X 步驟3:GSP入學與NCHU畢業

- 確認錄取：四月或五月
- 錄取後向UCD GSP申請簽證，並於秋季班入GSP
- 完成NCHU所需學分，取得NCHU畢業證書。
- 或是先修碩班課程

UCD3+X 步驟3:UCD碩班入學

目前UCD Plant Pathology碩士分為兩種方案，一種是只要修課考完試後就可以畢業，另一種方案是需要找指導老師與進實驗室完成碩士論文，大多兩年可以完成碩士學位。

Program Website：

<http://plantpathology.ucdavis.edu/GradInfoForProspectiveStudents.cfm>

花費：其實比你想的貴，也比你想的便宜

學校收的錢

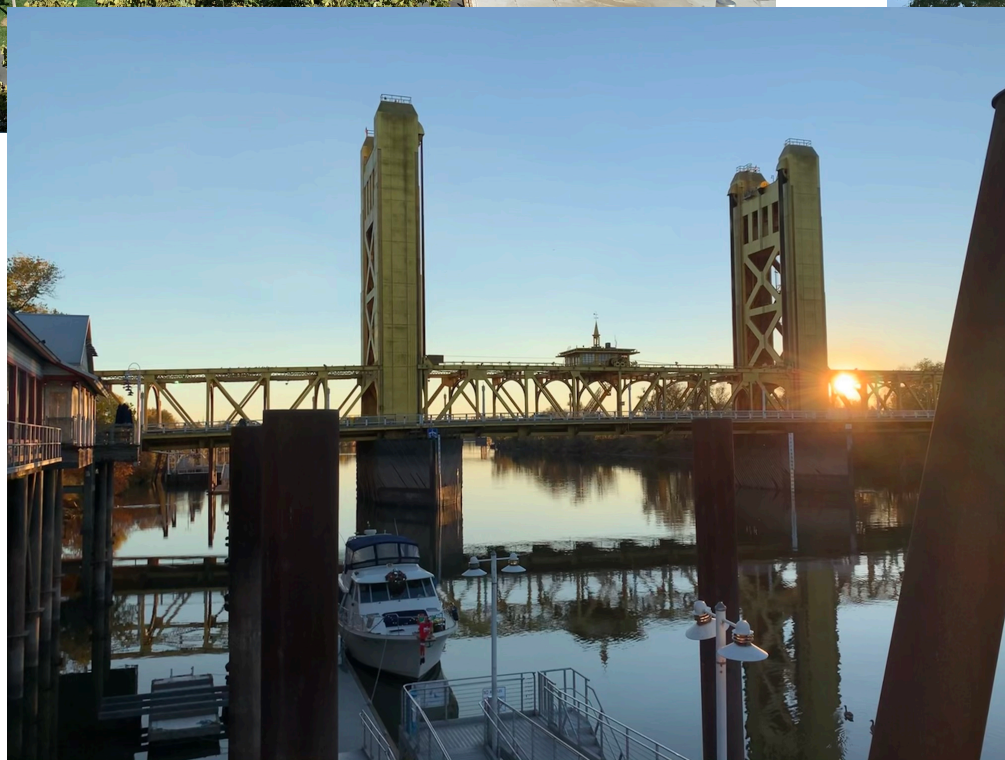
- 學費（一年收三次）
 - 秋季班：\$7,495 美金
 - 冬季班：\$9,566.69 美金
 - 春季班：\$9,566.69 美金

獎學金

- 參加NCHU-UCD 3+X，NCHU會給一筆獎學金，大約可以付3個學期的學費。
- UCD Plant Pathology很常有助教(TA)的機會，只要英文不錯跟在該課程成績很好，每年學期開始前都會收到TA相關的消息。TA分為25%TA或是50%TA，不管是哪種TA都可以當學期學費全免，並且可以領薪水，50%TA約每月2000美金。
- 進實驗室的話，也可以詢問RA的機會，絕大多數博士生都有領RA薪水，但我也有遇過碩士生領RA的薪水，50%RA一樣是學費全免，每月2000美金薪水。

生活費(每月約需要1800~2000美金)

- 食：一餐外面吃約10~20美金，但很多食材比台灣便宜(Costco, Walmart)。
- 衣：離UCD約30分鐘的地方有outlet mall，很多台灣認為的名牌可能比Uniqlo 還便宜(Gap T-shirt 10美金左右)。
- 住：單人房可能要每月750美金，近幾年UCD有要蓋大量的宿舍。Sacramento會便宜一點，但需要開車。
- 行：UCD自己有公車，搭一次1元美金，大學生不用錢，其他大眾運輸缺乏，並且很貴，到Sacramento機場約開車20分鐘，San Francisco 機場約1.5小時。二手車很便宜，4000美金就可以買到車，但是品質好一點的可能最少要8000~10000美金。
- 育樂：電影票比台灣貴一點，Sacramento有NBA可看，冬天去滑雪大概開車2小時，夏天衝浪去海邊也大概2小時，北加算是可以一天完成滑雪加衝浪的地方。舊金山表演活動等非常的多。
- 安全：Davis別名戴村、戴維斯小鎮，治安是數一數二好的地方，因為附近都是田，最多的犯罪是偷腳踏車。但是Sac有些地方要小心，北加州有些城市治安非常的差。



不管是美國生活或是UCD相關的問題，
皆可以詢問，2019剛從UCD回中興任教

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