

University of California, Davis
Department of Electrical and Computer Engineering
Integrated Degree Program (BS/MS) Application

Application Deadline
Last Business Day of March

Application Checklist for the IDP:

- IDP Application Form**
- Three Letters of Recommendation** (if UC Davis cumulative GPA <3.5)
 - UCD Faculty (at least 2)
 - Community College faculty – for transfer students
 - Industry Mentor

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Applicant Family name _____ first _____ middle _____ Student ID _____

Email address: _____

Mailing address: _____
number/street

City, _____ State _____ Zip _____ Country _____

Telephone: _____ day / AREA CODE & NUMBER _____ eve / AREA CODE & NUMBER _____

GPA: _____ Major (EE, CE, EE/MS, EE/CE, other): _____

Anticipated BS graduation date: _____

Country of Citizenship: _____

If you are not a US Citizen, are you a permanent resident? _____

Are you a legal resident of California for tuition purposes? _____

Date of Birth: _____
MM/DD/YYYY

References - Applicants with a UC Davis cumulative GPA of **3.5 or greater** should **list** three ECE professors that know you well. Applicants with a UC GPA of **3.2 – 3.5** should **request** three letters of recommendation **and list** the names and positions below. Letters should be submitted on the form provided and sent directly to the ECE Department (Attn: Undergraduate Program Officer).

Name	Title / Affiliation	E-mail	Telephone
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1. _____

2. _____

3. _____

LETTER OF RECOMMENDATION FORM

Return to:

Undergraduate Program Officer
Department of Electrical & Computer Engineering
UC Davis
One Shields Avenue
Davis, CA 95616

(Please print)

Name of applicant: _____
Last Name (family name) _____ First Name (given name) _____ Middle Name _____

Student ID #: _____

Application for Fall Quarter 2 _____ Application Deadline: _____

To Recommender:

We would appreciate your opinion of the person named above who is applying for admission to the Integrated Degree Program. How long and in what capacity have you known the applicant? What are your personal impressions of the candidate's intellectual, research and professional skills; promise of productive scholarship; motivation; communication skills; and ability to work independently? **If necessary, use the other side of this sheet or attach another sheet.**

Because the University of California, Davis is in compliance with Section 504 of the Rehabilitation Act of 1973, we discourage you from referring directly or indirectly to an applicant's disability.

IMPORTANT: Please rate this student in overall promise for success in graduate school. Check appropriate box.

INADEQUATE OPPORTUNITY TO OBSERVE	BELOW AVERAGE (Lowest 40%)	AVERAGE (40% - 60%)	ABOVE AVERAGE (60% - 85%)	OUTSTANDING (85% - 95%)	EXCEPTIONAL (Top 5%)

Recommender's Name _____

Position or Title: _____ at _____

Address: _____

Telephone Number: _____ E-mail address: _____

Date: _____ Signature: _____

Name: _____

Student ID: _____

EDUCATION

List below, in chronological order, all institutions of college level you attended or are attending now; include all regular, concurrent, and/or summer studies regardless of attendance, and provide a transcript from each one.)

NAME OF INSTITUTION	ENROLLED	TYPE OF DEGREE	DATE AWARDED	GPA
	FROM : TO	AWARDED	OR EXPECTED	

1. _____

2. _____

3. _____

4. _____

Have you ever received a Graduate degree from UC Davis? _____

If yes, indicate which program of study _____ degree awarded _____

Have you ever applied to Graduate School at UC Davis? _____

If yes, indicate which quarter and year _____

Have you ever enrolled in a graduate program at UC Davis and not completed your intended degree objective? _____

If yes, indicate why a degree was not awarded _____

List honor societies, prizes, and special distinctions, if any: _____

List publications and inventions, if any: _____

Name: _____

Student ID: _____

AREAS OF INTEREST

Indicate the three areas closest to your research interests in order of preference:
(with 1 being the highest priority, 2 the next priority and 3 the lowest priority)

Communications, Signal and Image Processing:

- Communication Theory
- Wireless Communications and Networking
- Image Processing
- Digital Signal Processing
- Information Theory and Coding

Electronic Circuits:

- Analog and Mixed-Signal Integrated Circuit Design
- RF Integrated Circuit Design
- Power Management for Integrated Circuits

RF, Micro- and Millimeter Waves:

- Radar, Remote Sensing, and Microwave Processing
- High Speed Communications
- Biosensors and Electromagnetic Materials
- Microwave Circuits and Device Modeling
- Microelectronic Systems Packaging and Signal Integrity

Solid-State Electronic Devices:

- Electronics Materials
- Integrated Circuit Micro/Nano Fabrication
- Nanotechnology: Nanotubes, Nanowires and Molecules
- Field Emitter Arrays
- Silicon-on-Insulator (SOI) Device Physics and Processing

Systems and Control:

- Control systems
- Optimization with Applications

Computer Engineering:

- Compiler Optimization
- Computer Architecture
- Computer Arithmetic and VLSI Algorithms
- Digital and Computer System Design
- Digital Integrated Circuits and VLSI Design
- Embedded Systems and Digital Signal Processing
- Fault-Tolerant Computing
- Graphics Systems and Architecture
- Networking (including Wireless)
- Reconfigurable System Design
- Electronic Design Automation

Optoelectronics:

- Nanophotonics
- Optical Networks
- Optical Materials
- Optical Sensors
- Biophotonics
- Organic Optoelectronic Materials

Name: _____

Student ID: _____

Statement of Purpose

Please describe your motivation, academic preparation and aptitude for graduate study at UC Davis. You should describe your academic plans and research interests, your specialization within your academic field, your research experiences and your career goals. Please limit your statement to 500 words maximum.

Name: _____

Student ID: _____

Personal History Statement

In an essay, discuss how your personal background informs your decision to pursue a graduate degree. Please include any educational, familial, cultural, economic, or social experiences, challenges, or opportunities relevant to your academic journey; how your life experiences contribute to the social, intellectual, or cultural diversity within your chosen field; and/or how you might serve educationally underrepresented segments of society with your degree. Please limit your statement to 500 words maximum.

Name: _____

Student ID: _____

I certify that all the information in my application is accurate and true.

Signature: _____

Date: _____

Please return completed forms to:
Undergraduate Program Officer
Department of Electrical and Computer Engineering
2064 Kemper Hall