



**SOE**

**School of  
Engineering**

**JumpStart 3<sup>rd</sup> Year- Presentation**  
**School of Engineering**  
**Undergraduate Academic Advising**  
**Electrical Engineering**

# What is Jump Start Your Third Year (JS3)?

It is a campus wide initiative to help second-year students transition to the Schools and connecting with them faculty and staff who can offer major-specific guidance and career related resources to support their progress towards a degree.

# Topics

- Degree requirements
- MyDegreePath – Audit
  - Creating Graduation Plans and resources
  - Degree requirements and GE fulfillment
- Things you should know
  - Policies
  - Taking classes at another college
  - Majors, Minors and Double Majors
- Important links
- Career Planning
- Recap of JS3 Requirements
  - Webform Quiz and Career Event

# Degree Requirements

Requirements are based on the **Catalog Year** you entered:

**2024-2025**

**catalog.ucmerced.edu**

**Audit via MyDegreePath and UCM Portal  
(<https://myconnect.ucmerced.edu/>)**

# AUDIT

- Audit – All Degree Requirements
- University Requirements
- General Education (GE):
  - Lower Division
  - Upper Division
  - Life Science and Physical Science
  - GE Social Science and 2 from Literary and Textual, Media and Visual **OR** Societies and Cultures
- Major Requirements – “Select From”
- Emphasis
- Intellectual Experiences – Plan courses to fulfill a maximum of 2 Experiences

Open All Sections Close All Sections

YOUR ADVISOR(s):

**AT LEAST ONE REQUIREMENT HAS NOT BEEN SATISFIED**

**Minimum Unit Requirement**  
 EARNED: 20.0 HOURS  
 NEEDS: 100.0 HOURS

A minimum of 120 units is required to earn a UC Merced bachelor's degree; however, some majors have total unit requirements higher than this general minimum. Please consult your advisor and your UC Merced Catalog.

Courses must be taken for a letter grade unless the course is offered Pass/No Pass only. See your advisor if you are considering a Pass/No Pass option.

**Cumulative GPA in all UC courses**  
 EARNED: 16.0 SUB-GROUP  
 64,000 POINTS  
 4,000 GPA

**Residency Requirement**  
 NEEDS: 1 SUB-GROUP

1) 24 of your last 30 units must be completed in residence at UC Merced.  
 (7.0 HOURS TAKEN)

FA24	SPAN181	4.0	A	Latin American Cinema
FA24	MSE 128	4.0	A	
FA24	MSE 119	4.0	A	
FA23	MSE 118	4.0	A	
FA23	CE 001	1.0	P	

NEEDS: 7.0 HOURS  
 SELECT FROM:

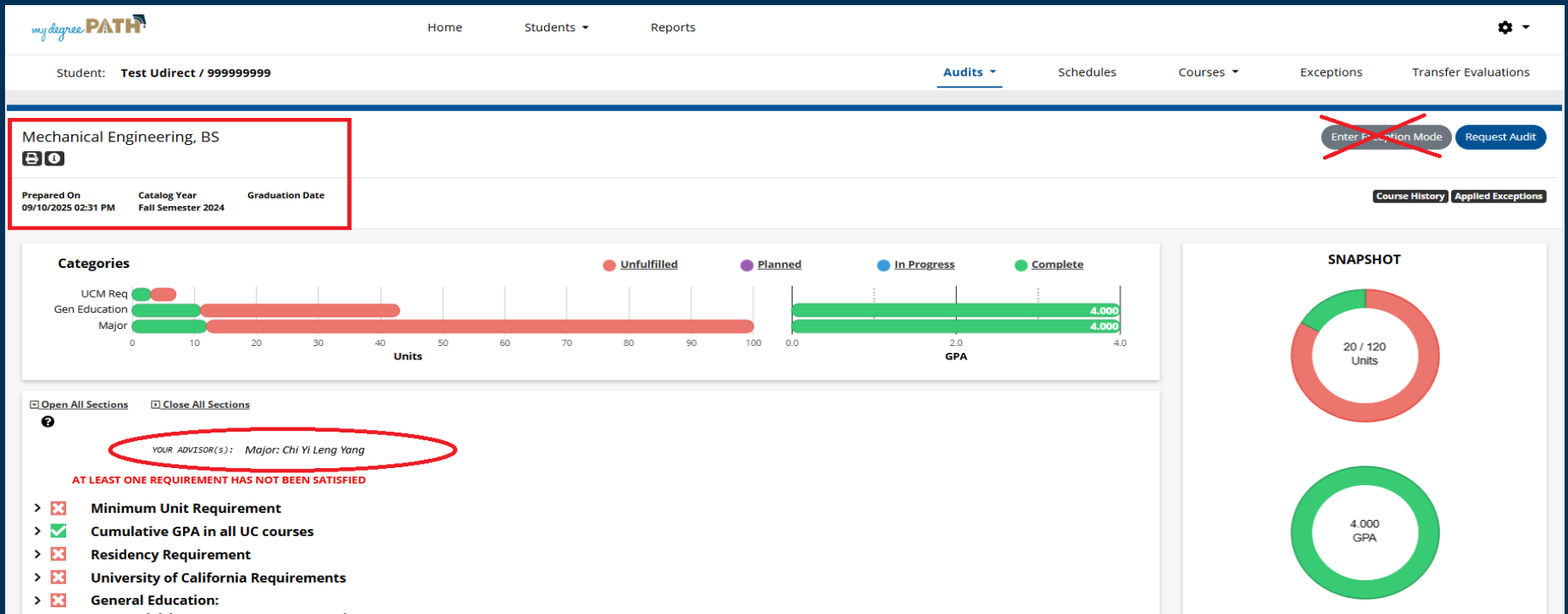
**University of California Requirements**  
 EARNED: 1 SUB-GROUP  
 NEEDS: 1 SUB-GROUP

1) UC Entry Level Writing Requirement:  
 Must be completed by the end of your second semester at UC Merced with a grade of C or higher.  
 SELECT FROM: WRI 001

2) American History and Institutions Requirement  
 SU25 HIST017 3.0 TA US Hist & CA State Local Govt  
 MERCED: HIST 17B

## Degree Requirements

- 120 minimum units for degree completion
- Minimum 2.0 cumulative GPA
- Academic Residency Requirement (24 out of last 30 units must be completed at UC Merced)




- An audit is your official student record
- Includes all of your completed, in-progress and outstanding degree requirements
- After making changes to your courses (adding/dropping) it is recommended you run an audit to see how your changes reflect on your remaining degree requirements

# Running a Degree Audit using MyDegreePath

mydegreePATH

[Home](#) [Students ▾](#) [Reports](#)



Student: **Test Udirect / 999999999** **Audits ▾** [Schedules](#) [Courses ▾](#) [Exceptions](#) [Transfer Evaluations](#)

**Request an Audit**

Run Declared Programs:

School	Degree Program	Title	Catalog Year	Marker	Value	Type	CATLYT
	U1BA_ANTH	Anthropology, BA	Fall Semester 2010	\$MINOR	NDSC-MINR	R	



Default Program List

Select a Different Program:

Advanced Settings [Click to view available options.](#)

**Run Program** Cancel

# Explore Requirements for Minors/Majors “What IF” Audit

 Home Students ▾ Reports 

Student: **Test Udirect / 999999999** Audits ▾ Schedules Courses ▾ Exceptions Transfer Evaluations

Request an Audit

Run Declared Programs:

Select a Different Program:

Choosing a degree program here will not change your declared degree program.

Program: **Mechanical Engineering, BS - U1BS\_ME**

Catalog Year: **Fall Semester 2024** [Clear Selections](#)

Add:

Advanced Settings [Click to view available options.](#)





- 3) Computing Requirement  
Complete the following course:  
NEEDS: 1 COURSE  
SELECT FROM: ME 021
- 4) Engineering Fundamentals Requirement  
Complete the following courses:  
NEEDS: 5 COURSES  
SELECT FROM: ENGR045, 057, 130, 151, 155
- 5) Mechanical Engineering Core  
Complete the following courses:  
NEEDS: 10 COURSES  
SELECT FROM: ENGR065, 120, 135, MATH131, ME 001, 120, 137, ME 140, ENGR193, 194
- 6) Additional Degree Requirement  
Complete the following courses:  
NEEDS: 2 SETS  
SELECT FROM: CHEM002(SU25 OR AFTER) OR CHEM002H(SU25 OR AFTER) (AND) CHEM002L(SU25 OR AFTER)  
ENGR091

#### ✓ ME Technical Electives




EARNED: 1 SUB-GROUP

- 1) Mechanical Engineering Technical Electives Requirement  
Complete a total of 10 hours in technical electives  
from the following list.

12.0 HOURS ADDED

FA23	MSE 118	4.0	A
FA24	MSE 119	4.0	A
FA24	MSE 128	4.0	A

### Note the following:

-  ,  and  on **Audit**
- IP vs letter grade
- Non – UC transfer work  
\* no GPA
- Course and unit credit  
may not be up to date,  
contact Advisor or Registrar
- Official Transcripts only way to  
update official credit
- Official AP/IB needed as well

### Again, for an **Audit** report:

1. log into [my.ucmerced.edu](http://my.ucmerced.edu),
2. select “MyStudentRecord”
3. select “MyDegreePath”
4. **Select “Audit”**
  1. Run Program

# Creating Grad Plans

MyDegreePath upgrade currently does not have the feature to create a Graduation Plan.

- You can ask your Advisor
- Use your Legacy Plan from the older version of MDP
- Access one on our website (<https://engr-advising.ucmerced.edu/jumpstart3>)

Other Resources to create a Graduation Plan –

- MyDegreePath Audit & Catalog (2024)
- 4 Year Plan (<https://engr-advising.ucmerced.edu/majors>)



SCHOOL OF  
ENGINEERING

Name \_\_\_\_\_

### School of Engineering: Graduation Planning

Semester: ~~Fall 2015~~ Semester #5 (Example)

Course	Title	Units
MATH 032	Statistics	4 units
ME 021	Engineering Computing	4 units
ART 003B	Intermediate Painting (Arts/Humanities GE)	4 units
ENGR 045	Introduction to Materials	4 units

⊕ Semester \_\_\_\_\_

Course	Title	Units

Semester \_\_\_\_\_

Course	Title	Units

Semester \_\_\_\_\_

Course	Title	Units

[ARCHIVED CATALOG]

**ELECTRICAL ENGINEERING, B.S.**

In addition to adhering to [General Education Requirements](#), students must meet the following requirements to receive the B.S. in Electrical Engineering at UC Merced.

All students in the School of Engineering, regardless of major, are required to complete all requirements for all majors with a C- or better unless the course is offered as Pass/No Pass only, which requires a P grade.

Students in the School of Engineering must repeat a required course after receiving a grade of D-, D, D-, F, Unsatisfactory, or Not Passed, and may do so no more than twice beyond the initial enrollment in the class. Students may repeat a course only one time (for a total of two attempts to earn a C- or better). If students do not complete these requirements, they may take these courses at another institution or petition the school who hosts the course for a third attempt. The third attempt is not guaranteed at UC Merced.

Electrical Engineering, B.S. Four-Year Course Plan

**REQUIREMENTS FOR THE ELECTRICAL ENGINEERING MAJOR**

**LOWER DIVISION REQUIREMENTS (51 UNITS)**

**FOUNDATIONAL MATH AND SCIENCES REQUIREMENT (34 UNITS)**

Complete the following ten courses:

- CHEM 002: General Chemistry I Units: 4
- MATH 021: Calculus I for Physical Sciences and Engineering Units: 4
- MATH 022: Calculus II for Physical Sciences and Engineering Units: 4
- MATH 023: Vector Calculus Units: 4
- MATH 024: Linear Algebra and Differential Equations Units: 4
- MATH 032: Probability and Statistics Units: 4 or ENGR 080: Statistical Modeling and Data Analysis
- PHYS 008: Introductory Physics I for Physical Sciences Units: 4
- PHYS 008L: Introductory Physics I for Physical Sciences Lab Units: 1
- PHYS 009: Introductory Physics II for Physical Sciences Units: 4
- PHYS 009L: Introductory Physics II for Physical Sciences Lab Units: 1

**COMPUTING REQUIREMENT (4 UNITS)**

Complete one of the following courses:

- EE 021: Introduction to Electrical Engineering Programming Units: 4
- BIOE 021: Introduction to Computing with Python Units: 4
- CSE 022: Introduction to Programming Units: 4
- ME 021: Engineering Computing Units: 4

**ELECTRICAL ENGINEERING CORE (13 UNITS)**

Complete the following courses:

- EE 001: Electrical Engineering Introduction Units: 1
- EE 005: Designing and Building Electrical Engineering Systems Units: 2
- EE 060: Boolean Algebra and Digital Circuits Units: 4
- ENGR 065: Circuit Theory Units: 4
- ENGR 091: Professional Development: People in an Engineered World Units: 2

Make sure to use your Catalog Year

## 4 Year Course Plan:

<https://catalog.ucmerced.edu/content.php?catoid=23&navoid=2429>

<https://enr-advising.ucmerced.edu/majors>

\*not all catalog years may have a flow chart

Engineering Academic Advising

School of Engineering

About Majors Policies Registration Forms Resources Placement Exams Newsletter See My Advisor

**Electrical Engineering**

**Electrical Engineering**

Our undergraduate Electrical Engineering major starts in the fall 2023 semester. Students have a unique opportunity to create new traditions for a new program in a well-established engineering school. Today we rely on electricity for almost everything. Thus, our society relies on electrical engineering to create the electrical grid that brings reliable electricity to every building to the smart phone in your pocket. Our program will teach fundamentals of engineering and electricity while introducing students to real-world challenges and opportunities.

**Major Requirements**

**Catalog Year 2024-2025**

[Flow Chart - Electrical Engineering, B.S.](#)

[Electrical Engineering, B.S.](#)

[Electrical Engineering, Electric Vehicle Emphasis, B.S.](#)

[Electrical Engineering, Ground and Aerial Robotics Emphasis, B.S.](#)

[Electrical Engineering, Sustainable Energy Emphasis, B.S.](#)

**Catalog Year 2023-2024**

[Flow Chart - Electrical Engineering, B.S.](#)

# Electrical Engineering Major

[ARCHIVED CATALOG]

2024-2025 Catalog [ARCHIVED CATALOG]



## ELECTRICAL ENGINEERING, B.S.

In addition to adhering to [General Education Requirements](#), students must meet the following requirements to receive the B.S. in Electrical Engineering at UC Merced.

All students in the School of Engineering, regardless of major, are required to complete all requirements for all majors with a C- or better unless the course is offered as Pass/No Pass only, which requires a P grade.

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Electrical Engineering, B.S. Four-Year Course Plan

## REQUIREMENTS FOR THE ELECTRICAL ENGINEERING MAJOR

### LOWER DIVISION REQUIREMENTS [51 UNITS]

#### FOUNDATIONAL MATH AND SCIENCES REQUIREMENT [34 UNITS]

Complete the following ten courses:

- CHEM 002: General Chemistry I Units: 4
- MATH 021: Calculus I for Physical Sciences and Engineering Units: 4
- MATH 022: Calculus II for Physical Sciences and Engineering Units: 4
- MATH 023: Vector Calculus Units: 4
- MATH 024: Linear Algebra and Differential Equations Units: 4
- MATH 032: Probability and Statistics Units: 4 or ENGR 080: Statistical Modeling and Data Analysis
- PHYS 008: Introductory Physics I for Physical Sciences Units: 4
- PHYS 008L: Introductory Physics I for Physical Sciences Lab Units: 1
- PHYS 009: Introductory Physics II for Physical Sciences Units: 4
- PHYS 009L: Introductory Physics II for Physical Sciences Lab Units: 1

#### COMPUTING REQUIREMENT [4 UNITS]

Complete one of the following courses:

- EE 021: Introduction to Electrical Engineering Programming Units: 4
- BIOE 021: Introduction to Computing with Python Units: 4
- CSE 022: Introduction to Programming Units: 4
- ME 021: Engineering Computing Units: 4

#### ELECTRICAL ENGINEERING CORE [13 UNITS]

Complete the following courses:

- EE 001: Electrical Engineering Introduction Units: 1
- EE 005: Designing and Building Electrical Engineering Systems Units: 2
- EE 060: Boolean Algebra and Digital Circuits Units: 4
- ENGR 065: Circuit Theory Units: 4
- ENGR 091: Professional Development: People in an Engineered World Units: 2

## UPPER DIVISION REQUIREMENTS [33 UNITS]

### ELECTRICAL ENGINEERING CORE [28 UNITS]

Complete the following courses:

- EE 101: Electronic Circuit Design I Units: 4
- EE 102: Signal Processing and Linear Systems Units: 4
- EE 105: Semiconductor Devices Units: 4
- EE 111: Electronic Circuit Design II Units: 4
- EE 122: Introduction to Control Systems Units: 4
- EE 131: Power Electronics Units: 4
- EE 140: Computer and Microcontroller Architecture Units: 4

### CULMINATING EXPERIENCE REQUIREMENT [5 UNITS]

Complete the following two Culminating Experience courses:

- ENGR 193: Engineering Capstone Design I Units: 2
- ENGR 194: Engineering Capstone Design II Units: 3

# Electrical Engineering Major Emphasis No Emphasis, Electric Vehicle Emphasis

## ELECTRICAL ENGINEERING ELECTIVE REQUIREMENT [16 UNITS]

Complete 3-4 of the following courses:

- EE 115: Electromagnetics and Applications Units: 4
- EE 120: AC and RF Circuit Analysis Units: 4
- EE 130: Electrical Machines Units: 4
- EE 150: Digital Communication Units: 4
- EE 160: Electric Power Systems Units: 4
- EE 180: Autonomous Vehicles Units: 4
- EE 181: Photonics and Optoelectronics Units: 4
- EE 185: Instrumentation Units: 4
- EE 188: Electric Vehicle Design Units: 4
- EE 189: Vehicular Networks Units: 4
- EE 190: Special Topics in Electrical Engineering Units:
- EE 195: Electrical Engineering Undergraduate Research Units: (up to 4 units)

### OF THE FOUR REQUIRED ELECTIVES, ONE MAY BE CHOSEN FROM THE FOLLOWING:

- CSE 180: Introduction to Robotics Units: 4
- ENVE 160: Sustainable Energy Units: 4
- ME 142: Mechatronics Units: 4
- ME 143: Introduction to Drones Units: 4
- ME 146: Sensors and Actuators in Mechatronics Units: 3
- ME 149: Novel Technologies in Agriculture Units: 4
- ME 151: Fuel Cells and Batteries Units: 4
- ME 190: Special Topics in Mechanical Engineering Units:
- MSE 110: Solid State Materials Units: 4
- MSE 128: Electronic Materials and Semiconductor Device Fabrication Units: 4

## ELECTRIC VEHICLE EMPHASIS REQUIREMENT [16 UNITS]

Complete four of the following courses:

- EE 115: Electromagnetics and Applications Units: 4
- EE 130: Electrical Machines Units: 4
- EE 160: Electric Power Systems Units: 4
- EE 188: Electric Vehicle Design Units: 4
- ME 190: Special Topics in Mechanical Engineering Units:



# Electrical Engineering Major Emphasis

## Ground and Aerial Robotics Emphasis, and

## Sustainable Energy Emphasis

### GROUND AND AERIAL ROBOTICS EMPHASIS [16 UNITS]

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Complete the following course:

- ME 143: Introduction to Drones Units: 4

#### AND THREE OF THE FOLLOWING COURSES:

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- EE 115: Electromagnetics and Applications Units: 4
- EE 150: Digital Communication Units: 4
- EE 180: Autonomous Vehicles Units: 4
- CSE 180: Introduction to Robotics Units: 4

### SUSTAINABLE ENERGY EMPHASIS [16 UNITS]

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Complete the following course:

- ENVE 160: Sustainable Energy Units: 4

#### AND THREE OF THE FOLLOWING COURSES:

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- EE 115: Electromagnetics and Applications Units: 4
- EE 130: Electrical Machines Units: 4
- EE 160: Electric Power Systems Units: 4
- ME 151: Fuel Cells and Batteries Units: 4

# TIPS for EE Major

Math, Physics and LD EE courses are priority to move forward in the EE Major

Plan GE and Major requirements for your career focus

Plan now if you are wanting to declare an Emphasis

Some courses are offered in Fall or Spring only

If you pass either EE 001 **OR** Engr 091, you may request to waive one by submitting a Petition for Program Variance (PPV)

Plan ahead!

## ELECTRICAL ENGINEERING, B.S. FOUR-YEAR COURSE PLAN

All General Education course options can be found [here](#).

FIRST YEAR	
Fall	Spring
MATH 021: Calculus I for Physical Sciences and Engineering	MATH 022: Calculus II for Physical Sciences and Engineering
PHYS 008: Introductory Physics I for Physical Sciences and PHYS 008L	PHYS 009: Introductory Physics II for Physical Sciences and PHYS 009L
CHEM 002: General Chemistry I	WRI 010: College Reading and Composition
EE 001: Electrical Engineering Introduction	ENGR 091: Professional Development: People in an Engineered World
SPRK 010: Spark Seminar	EE 005: Designing and Building Electrical Engineering Systems
SECOND YEAR	
Fall	Spring
MATH 024: Linear Algebra and Differential Equations	MATH 032: Probability and Statistics or ENGR 080: Statistical Modeling and Data Analysis
General Education: AREA B	EE 060: Boolean Algebra and Digital Circuits
MATH 023: Vector Calculus	ENGR 065: Circuit Theory
EE 021: Introduction to Electrical Engineering Programming	General Education: AREA A (Life Science)
THIRD YEAR	
Fall	Spring
EE 101: Electronic Circuit Design I	EE 111: Electronic Circuit Design II
EE 102: Signal Processing and Linear Systems	EE 122: Introduction to Control Systems
EE 105: Semiconductor Devices	Electrical Engineering Elective 2/Emphasis Requirement or Elective
Electrical Engineering Elective 1/Emphasis Requirement or Elective	General Education: AREA B
FOURTH YEAR	
Fall	Spring
EE 131: Power Electronics	ENGR 194: Engineering Capstone Design II
EE 140: Computer and Microcontroller Architecture	Electrical Engineering Elective 4/Emphasis Requirement or Elective
ENGR 193: Engineering Capstone Design I	General Education: AREA B
Electrical Engineering Elective 3/Emphasis Requirement or Elective	Free Elective

Look at course prerequisites ahead of time

Example: most Upper Division EE courses require Math 024 and Phys 009 as PREREQUISITES

Pay attention to Capstone requirements - Engr 193 requires Senior Class Standing (Over 90 units), and EE 102 (fall), EE 105 (fall) and EE 111 (spring) which may be taken concurrently. Engr 193 is required for Engr 194.



# TIPS for EE Major

Just posted:  
Spring 2026 is first offering of EE 065, which we HIGHLY recommend you take rather than ENGR 065.

EE 065 is designed for EE majors and will align better with the upper division classes.

Prerequisites for EE 065:

1. (EE 005 and EE 021 OR PHYS 9)
2. MATH 024 (concurrent option)

We want ALL EE majors to complete EE 065 in their second year.

Alternatively, take ENGR 065 over the summer.

## ELECTRICAL ENGINEERING, B.S. FOUR-YEAR COURSE PLAN

All General Education course options can be found [here](#).

FIRST YEAR	
Fall	Spring
MATH 021: Calculus I for Physical Sciences and Engineering	MATH 022: Calculus II for Physical Sciences and Engineering
PHYS 008: Introductory Physics I for Physical Sciences and PHYS 008L	PHYS 009: Introductory Physics II for Physical Sciences and PHYS 009L
CHEM 002: General Chemistry I	WRI 010: College Reading and Composition
EE 001: Electrical Engineering Introduction	ENGR 091: Professional Development: People in an Engineered World
SPRK 010: Spark Seminar	EE 005: Designing and Building Electrical Engineering Systems
SECOND YEAR	
Fall	Spring
MATH 024: Linear Algebra and Differential Equations	MATH 032: Probability and Statistics or ENGR 080: Statistical Modeling and Data Analysis
General Education: AREA B	EE 060: Discrete Algebra and Digital Circuits
MATH 023: Vector Calculus	<b>EE 065: Circuit Theory</b>
EE 021: Introduction to Electrical Engineering Programming	General Education: AREA A (Life Science)
THIRD YEAR	
Fall	Spring
EE 101: Electronic Circuit Design I	EE 111: Electronic Circuit Design II
EE 102: Signal Processing and Linear Systems	EE 122: Introduction to Control Systems
EE 105: Semiconductor Devices	Electrical Engineering Elective 2/Emphasis Requirement or Elective
Electrical Engineering Elective 1/Emphasis Requirement or Elective	General Education: AREA B
FOURTH YEAR	
Fall	Spring
EE 131: Power Electronics	ENGR 194: Engineering Capstone Design II
EE 140: Computer and Microcontroller Architecture	Electrical Engineering Elective 4/Emphasis Requirement or Elective
ENGR 193: Engineering Capstone Design I	General Education: AREA B
Electrical Engineering Elective 3/Emphasis Requirement or Elective	Free Elective

Look for EE 065

# EE: New program

EE is a new program, and numerous changes have been made each year.

You may change your calendar year, or you may adopt a new change through a petition, or it may be covered by a memo.

# GE's, Social Science, Arts & Humanities, & Intellectual Experiences

Plan courses for your future career. 1 course may fulfill a maximum of 2 Intellectual Experiences.

- Social Science GE – Select from the approved course requirement list.
- 2 Required from: Literary and Textual, Media and Visual **OR** Societies and Cultures– Select from the approved course requirement list.

Plan to fulfill Diversity and Identity **AND** Global Awareness Intellectual Experiences (Some options: Anth 001, CRES 020, ENG 018, GASP 006)

- EE 001 **OR** Engr 091 fulfills Ethics Intellectual Experience
- Math 021 fulfills Quantitative Reasoning
- EE 021 fulfills the Language Requirement
- Phys 008 fulfills Physical Science **AND** Scientific Method Intellectual Experience
- Engr 193 fulfills Culminating Experience **AND** Sustainability Intellectual Experience

# Upper Division Common Course Requirements

Culminating Experience – Engr 193

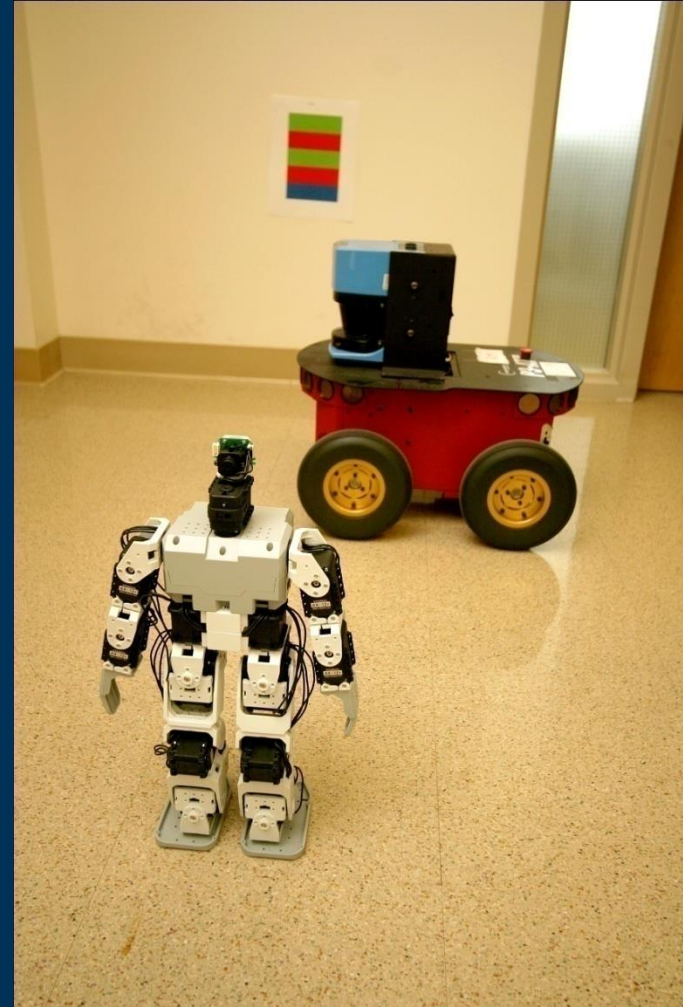
Crossroads – EE 122 (Spring offered course)

Writing in the Discipline – EE 105 (Fall offered course)

# Things you should know

- Courses and their requirements can and do change (pre-requisites), so make sure you communicate with your advisor regularly, check your email and the Course Schedule for updates
- *Full-Time Status*: Students must enroll in at least 12 units each semester
- *Journey to 30*: Students must enroll in 15 units per semester to graduate in 4 years
- You have 10 semesters as an Engineering major to complete your degree (summers are not included) Financial Aid up to 180 units of consideration.

**Note – if you take courses in summer terms, adjust your remaining requirements. Plan for internships and research during summer to build your resume!**



# Normal Progress to Degree Policy

<https://enr-advising.ucmerced.edu/policies/normal-progress>

Student progress is reviewed every Fall term by the School of Engineering. If a student is not meeting the Normal Progress standard, the School may place a hold on the student's academic record, which can prevent registration for future terms.

Normal Progress is defined as follows:

1. Register in at least 12 units per semester and two classes must be major prep (math/science), Engr or Major-specific, or technical requirements.
2. Complete the degree requirements within 10 terms. Summer sessions are not counted as semesters for Normal Progress.

Any student who fails to achieve Normal Progress will be subject to dismissal and will need approval to continue at UC Merced. Any student can petition the School of Engineering if failure to make Normal Progress is due to extenuating circumstances beyond their control.

# Taking Classes During Summer

- Taking Classes at UC Merced
  - Enroll in at least 6 units to apply for UC Merced Summer Financial Aid (if applicable)
- Taking classes at another institution
  - Make sure course is equivalent to UC Merced course by using [Transferology.com](http://Transferology.com) or [Assist.org](http://Assist.org)
  - Apply to the college, send them your UC Merced Official Transcript, and enroll in courses
  - Send Unofficial Transcript (FREE) to your Academic Advisor for overrides.
  - Send Unofficial Transcript to Advisor once final grade is posted to keep overrides.
  - Request for Official Transcript to be sent to Registrar to receive credit for course.

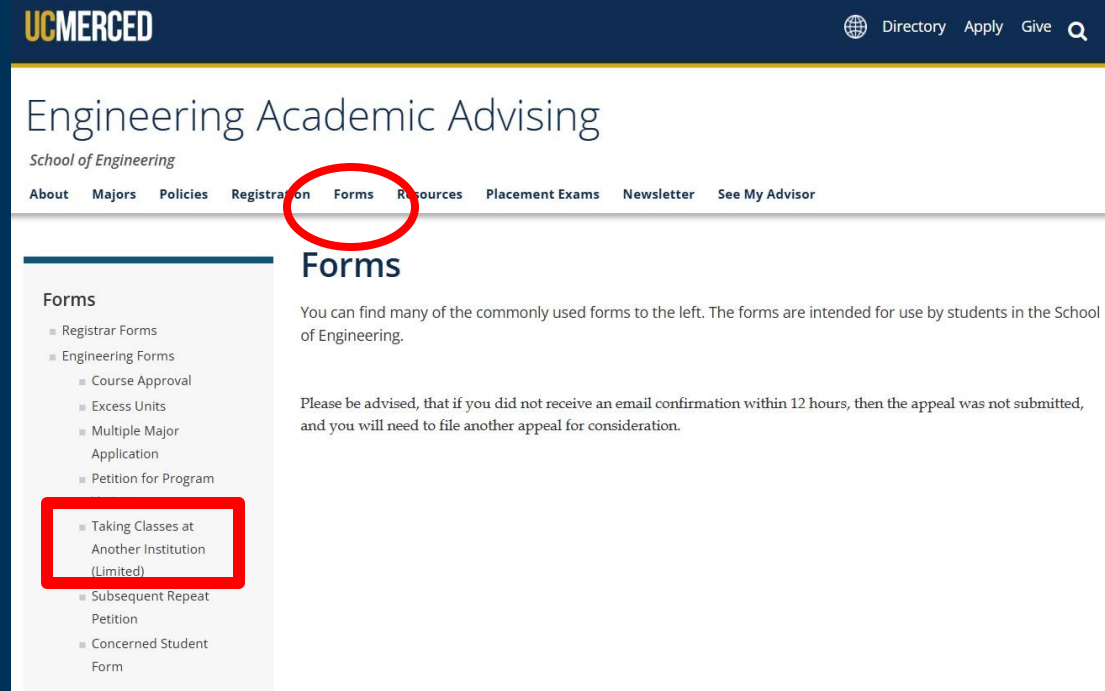
The screenshot displays the 'Find a Replacement Course' page on the CollegeSource Transferology website. The page is designed to help students find equivalent courses at a new school. Key elements include:

- Navigation Bar:** Features links for 'Courses (1)', 'Matches (0)', and 'Favorites (0)'. It also includes a search bar and a user profile icon labeled 'karia'.
- Section Header:** 'Find a Replacement Course' with a left-pointing arrow icon.
- Instructions:** A paragraph explaining the purpose: 'Search for courses to complete at another school that you can transfer back to your current institution. Planning to go to a new school? Search [Will My Courses Transfer?](#) to see how your credits may apply.'
- Form Fields:**
  - School You Currently Attend:** A dropdown menu currently showing 'University of California-Merced'.
  - Term:** A dropdown menu currently showing 'Spring 2023'.
  - Department:** A dropdown menu currently showing 'Anthropology'.
- Search Button:** A button labeled 'Search for Matches' is highlighted with a red circle.
- Results Table:** A table with columns for 'Courses', 'Requirement Categories', and 'Matches'. The first row shows 'ANTH003' for 'INTRODUCTION TO ANTHROPOLOGICAL ARCHAEOLOGY' in 'Spring '23'.
- Footer:** Includes the CollegeSource logo, 'Contact Us', 'About Transferology', and social media icons for Twitter and Facebook.



# Can I Take Courses Outside of UC Merced during Fall or Spring?

- During the Fall or Spring semester, you can take ONE course with UC Online, Merced College or any other Community College
- You must be enrolled in 12 units at UC Merced. *UC Online requires Good Academic Standing.*
- Requirement: “Taking Classes at Another Institution” Form through our website. Attach your Unofficial Transcript of enrollment.



UC Online courses count towards the total units at UC Merced and will calculate into the UC Merced GPA.

Courses taken at Community College will provide course credit only. You must send your Advisor the Unofficial Transcript and the Office of the Registrar your Official Transcript of your final letter grade.



# Can I Add a Minor or Double Major?

You can add a minor or double major starting in your 2<sup>nd</sup> year.

There are some double majors that cannot be approved due to the similarity of requirements [Read the policy on our website]

Example: ME and AE <https://enr-advising.ucmerced.edu/forms/engineering-forms/multiple-major-application>

Double Major: Only 12 units can be shared

Minor: One course may be shared between the Major and the Minor at this time

How to Declare? Office of the Registrar website – Forms -  
Minor Change Form / Multiple Major Packet

# Important Links

## [enr-advising.ucmerced.edu](http://enr-advising.ucmerced.edu)

- All School of Engineering Policies
- Appointments and Walk-in Hours  
See My Advisor tab
- Major information and flow charts
- Engineering specific forms
- About – Vanguard and Professional Clubs and Organizations

## [Registrar.ucmerced.edu](http://Registrar.ucmerced.edu)

- All University policies, procedures, and deadlines
- Registrar forms (Add, Time Conflict, Independent Study, Major/Minor, etc.)
- Registration Help Page

## [Advising.ucmerced.edu](http://Advising.ucmerced.edu)

- For general campus advising information.



Don't "Google" it –  
look within the site  
or catalog

# Internship and Project-Based Resources

## Non-Competitive Project-Based Experience

- Student Clubs and Orgs

Ex. Robotics Society, Institute of Electrical and Electronics Engineers, National Society of Black Engineers (NSBE), Solar Energy Association (SEA), Society of Hispanic Professional Engineers (SHPE)

1. Vanguard <https://engr-advising.ucmerced.edu/student-orgs>
2. Office of Student Involvement -CatLife <https://ucmerced.presence.io/organizations>

## Semi-Competitive Internship Experience

- Undergraduate Research Opportunities Center – for paid internship for UC Merced Students only <https://uroc.ucmerced.edu/>
- Volunteer Research with UCM Professors via Independent Study - <https://engineering.ucmerced.edu/faculty/by-department>
- **Student Career Center** - <https://hire.ucmerced.edu/>

**Update your Handshake Profile!**

## Competitive Internship Experience

- Job/Internship Boards <https://hire.ucmerced.edu/engr/jobs-and-internships>
- STEM Center list (public and federal)- <https://stemcenter.ucmerced.edu/opportunities>
- Great Mind in STEM conference
- Find Conference opportunities with IEEE and ASEE

# JumpStart Your 3<sup>rd</sup> Year Requirements:

- Complete your next two terms (year) [Spring 2026/Fall 2026] plan. (Summer is optional)
- Attend/view one workshop hosted by the School of Engineering (this one). Use the information provided in this workshop to complete the quiz. Check your UC Merced email for the quiz link.

[https://ucmerced.az1.qualtrics.com/jfe/form/SV\\_3l1vk27f38AfRMa](https://ucmerced.az1.qualtrics.com/jfe/form/SV_3l1vk27f38AfRMa)

# JumpStart Your 3<sup>rd</sup> Year Requirements:

- Attend one career-related event with the Center for Career and Professional Advancement [Highly Recommended]  
[hire.ucmerced.edu](http://hire.ucmerced.edu)
- Meet with your Academic Advisor to review your plan for the next year and share what you discovered for your career planning.

# QUESTIONS?

Engineering Advising:

Location: Science & Engineering 2, Room 315

Availability: <https://engr-advising.ucmerced.edu/see-my-advisor> for walk-Ins or appointments via Zoom or In-person.

Emails: <https://engr-advising.ucmerced.edu/see-my-advisor/appointment>