

Shi, Naiwen			
REVELLE - Electrical Engineering (BS)			
Prepared On	08/08/2021 11:08 PM	Program Code	REEC27X
		Catalog Year	Fall 2018
PID	A15554690	Graduation Date	
		Job ID	2122023082197427

☒ Open All Sections

☒ Close All Sections

Admission Term: FA18; Admission Type: FR
Major(s): EC27

AT LEAST ONE REQUIREMENT HAS NOT BEEN SATISFIED

UC GPA

EARNED:	3.843 GPA
UC Graded Units	
126.50	

You need a minimum of 180 units and a 2.0 UC GPA
Your degree program may require more.

EARNED: 167.00 Units
WIP: 20.00 Units

IMPORTANT INFORMATION: This audit is for advisement and is not an official record. Please consult the UCSD catalog, your college and/or major department for further information about these requirements. It is your responsibility to report errors to your college or major/minor department immediately.

- * You are responsible for completing all graduation requirements.
- * Areas showing as currently satisfied on the audit assumes successful completion of all course work currently in-progress.
- * ERND = Earned, WIP = Work in Progress
- * Repeats/duplication of credit are not included in ERND/WIP totals.
- * You will not receive additional credit for repeats of D grades.
- * A minimum of 72 UC graded units required for University Honors
- * File for graduation by the deadline at <http://degree.ucsd.edu>

>> MAJOR REQUIREMENTS <<
Any given course can only satisfy one major requirement

(EC27) ELECTRICAL ENGINEERING - BS

Communication Systems Requirements and
Upper Division Major GPA
(UC trfr and LD courses not calculated in audit GPA)

EARNED:	4 requirements		
32.00 UC Graded Units	126.80 POINTS	3.962 GPA	
NEEDS:	2 requirements	2.000 GPA	

1) Lower Division Requirements - not included in Major GPA

SP19	CHEM 6A	4.00	A
WI21	ECE 5	4.00	A
FA20	ECE 15	4.00	A+
WI21	ECE 25	4.00	A+
SP21	ECE 30	4.00	P
FA19	ECE 35	4.00	A-
SP20	ECE 45	4.00	A
SP20	ECE 65	4.00	A-
WI19	MATH 18	4.00	A-
FA18	MATH 20A	4.00	A
WI19	MATH 20B	4.00	A

SP19	MATH 20C	4.00	A
S119	MATH 20D	4.00	A
FA19	MATH 20E	4.00	B+
SP19	PHYS 2A	4.00	A
S119	PHYS 2B	4.00	A
FA19	PHYS 2C	4.00	B+
2) Electrical Engineering Breadth			
S320	ECE 100	4.00	A-
S220	ECE 101	4.00	A
FA20	ECE 107	4.00	A+
FA20	ECE 109	4.00	A
NEEDS: 1 Course			
COURSES: ECE 102			
3) Electrical Engineering Depth Courses			
NEEDS: 5 Courses			
COURSES: ECE 153,154A,154B,154C,158A			
4) Electrical Engineering Design			
SP21	ECE 111	4.00	A
5) Professional Electives - choose two			
SP21	ECE 171A	4.00	A
WI21	ECE 172A	4.00	A
6) Choose 5 Technical Elective courses			
S221	ECE 148	4.00	WIP
FA21	ECE 174	4.00	WIP
S121	ECE 180	4.00	A
SP21	MAE 180A	4.00	P
FA21	MATH109	4.00	WIP

OR

Computer System Design Requirements and
Upper Division Major GPA
(UC trfr and LD courses not calculated in audit GPA)

EARNED:	4 requirements	
32.00 UC Graded Units	126.80 POINTS	3.962 GPA
NEEDS:	2 requirements	2.000 GPA

1) Lower Division Requirements - not included in Major GPA

SP19	CHEM 6A	4.00	A
WI21	ECE 5	4.00	A
FA20	ECE 15	4.00	A+
FA21	ECE 16	4.00	WIP
WI21	ECE 25	4.00	A+
SP21	ECE 30	4.00	P
FA19	ECE 35	4.00	A-
SP20	ECE 45	4.00	A
SP20	ECE 65	4.00	A-
WI19	MATH 18	4.00	A-
FA18	MATH 20A	4.00	A
WI19	MATH 20B	4.00	A
SP19	MATH 20C	4.00	A
S119	MATH 20D	4.00	A
FA19	MATH 20E	4.00	B+
SP19	PHYS 2A	4.00	A
S119	PHYS 2B	4.00	A
FA19	PHYS 2C	4.00	B+

2) Computer Systems Design Breadth

S320	ECE 100	4.00	A-
S220	ECE 101	4.00	A
FA20	ECE 109	4.00	A

3) Computer Systems Design Depth Courses

SP21	ECE 111	4.00	A
NEEDS: 4 Courses			

COURSES: ECE 102,103,140A,140B,141A,141B,143,158A,158B,165

4) Computer System Design (111 will either count here
or as a depth course but not both places)

NEEDS: 1 Course			
COURSES: ECE 111,115,140B,190,191			

5) Professional Electives - choose two

FA20	ECE 107	4.00	A+
WI21	ECE 172A	4.00	A

6) Choose 6 Upper Division Technical Elective Courses

S221	ECE 148	4.00	WIP
SP21	ECE 171A	4.00	A
FA21	ECE 174	4.00	WIP
S121	ECE 180	4.00	A
SP21	MAE 180A	4.00	P
FA21	MATH109	4.00	WIP

OR

Electronic Circuits and Systems Requirements and Upper Divison Major GPA
(UC trfr and LD courses not calculated in audit GPA)

<i>EARNED:</i>	<i>3 requirements</i>		
<i>32.00 UC Graded Units</i>	<i>126.80 POINTS</i>	<i>3.962 GPA</i>	
<i>NEEDS:</i>	<i>3 requirements</i>	<i>2.000 GPA</i>	

1) Lower Division Requirements - not included in Major GPA

FA18	MATH 20A	4.00	A
WI19	MATH 20B	4.00	A
SP19	MATH 20C	4.00	A
S119	MATH 20D	4.00	A
FA19	MATH 20E	4.00	B+
WI19	MATH 18	4.00	A-
SP19	PHYS 2A	4.00	A
S119	PHYS 2B	4.00	A
FA19	PHYS 2C	4.00	B+
SP19	CHEM 6A	4.00	A
WI21	ECE 5	4.00	A
FA20	ECE 15	4.00	A+
WI21	ECE 25	4.00	A+
SP21	ECE 30	4.00	P
FA19	ECE 35	4.00	A-
SP20	ECE 45	4.00	A
SP20	ECE 65	4.00	A-

NEEDS: 1 Course

COURSES: PHYS 2D

2) Electronic Circuits and Systems Breadth

S220	ECE 101	4.00	A
S320	ECE 100	4.00	A-
FA20	ECE 107	4.00	A+
FA20	ECE 109	4.00	A

NEEDS: 2 Courses

COURSES: ECE 102,103

3) Electronic Circuits and Systems Depth Courses

NEEDS: 3 Courses

COURSES: ECE 164,165,166

4) Electrical Engineering Design

SP21	ECE 111	4.00	A
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5) Professional Electives - choose two

WI21	ECE 172A	4.00	A
SP21	ECE 171A	4.00	A

6) Choose 5 Technical Elective Courses

SP21	MAE 180A	4.00	P
S121	ECE 180	4.00	A
S221	ECE 148	4.00	WIP
FA21	ECE 174	4.00	WIP
FA21	MATH109	4.00	WIP

OR

Electronic Devices/Materials Requirements and Upper Division Major GPA
(UC transfer and LD courses not calculated in audit GPA)

<i>EARNED:</i>	<i>3 requirements</i>		
<i>32.00 UC Graded Units</i>	<i>126.80 POINTS</i>	<i>3.962 GPA</i>	
<i>NEEDS:</i>	<i>3 requirements</i>	<i>2.000 GPA</i>	

1) Lower Division Requirements - not included in Major GPA

SP19	CHEM 6A	4.00	A
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WI21	ECE 5	4.00	A
FA20	ECE 15	4.00	A+
WI21	ECE 25	4.00	A+
SP21	ECE 30	4.00	P
FA19	ECE 35	4.00	A-
SP20	ECE 45	4.00	A
SP20	ECE 65	4.00	A-
WI19	MATH 18	4.00	A-
FA18	MATH 20A	4.00	A
WI19	MATH 20B	4.00	A
SP19	MATH 20C	4.00	A
S119	MATH 20D	4.00	A
FA19	MATH 20E	4.00	B+
SP19	PHYS 2A	4.00	A
S119	PHYS 2B	4.00	A
FA19	PHYS 2C	4.00	B+

NEEDS: 1 Course

COURSES: PHYS 2D

2) Electrical Engineering Breadth

S320	ECE 100	4.00	A-
S220	ECE 101	4.00	A
FA20	ECE 107	4.00	A+
FA20	ECE 109	4.00	A

NEEDS: 2 Courses

COURSES: ECE 102,103

3) Depth Courses

NEEDS: 4 Courses

COURSES: ECE 135A,135B,136L,183

4) Electrical Engineering Design

SP21	ECE 111	4.00	A
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5) Professional Electives - choose two

SP21	ECE 171A	4.00	A
WI21	ECE 172A	4.00	A

6) Choose 4 Upper Division Technical Elective Courses

S221	ECE 148	4.00	WIP
FA21	ECE 174	4.00	WIP
S121	ECE 180	4.00	A
FA21	MATH109	4.00	WIP

OR

Machine Learning Requirements and
Upper Division Major GPA
(UC trfr and LD courses not calculated in audit GPA)

EARNED:	4 requirements		
32.00 UC Graded Units	126.80 POINTS	3.962 GPA	
NEEDS:	2 requirements	2.000 GPA	

1) Lower Division Requirements - not included in Major GPA

SP19	CHEM 6A	4.00	A
WI21	ECE 5	4.00	A
FA20	ECE 15	4.00	A+
WI21	ECE 25	4.00	A+
SP21	ECE 30	4.00	P
FA19	ECE 35	4.00	A-
SP20	ECE 45	4.00	A
SP20	ECE 65	4.00	A-
WI19	MATH 18	4.00	A-
FA18	MATH 20A	4.00	A
WI19	MATH 20B	4.00	A
SP19	MATH 20C	4.00	A
S119	MATH 20D	4.00	A
FA19	MATH 20E	4.00	B+
SP19	PHYS 2A	4.00	A
S119	PHYS 2B	4.00	A
FA19	PHYS 2C	4.00	B+

2) Electrical Engineering Breadth

S320	ECE 100	4.00	A-
S220	ECE 101	4.00	A
FA20	ECE 107	4.00	A+
FA20	ECE 109	4.00	A

- 3) Depth Courses
- | | | | |
|------|----------|------|-----|
| SP21 | ECE 171A | 4.00 | A |
| WI21 | ECE 172A | 4.00 | A |
| FA21 | ECE 174 | 4.00 | WIP |
- NEEDS: 1 Course
- COURSES: ECE 175A

- 4) Electrical Engineering Design
- | | | | |
|------|---------|------|---|
| SP21 | ECE 111 | 4.00 | A |
|------|---------|------|---|
- 5) Professional Electives - choose two
- | | | | |
|------|---------|------|-----|
| S221 | ECE 148 | 4.00 | WIP |
| S121 | ECE 180 | 4.00 | A |
- 6) Choose 7 Technical Elective Courses
- | | | | |
|------|----------|------|-----|
| SP21 | MAE 180A | 4.00 | P |
| FA21 | MATH109 | 4.00 | WIP |
- NEEDS: 5 Courses

OR

Photonics Requirements and Upper Division Major GPA

(UC trfr and LD courses not calculated in audit GPA)

EARNED: 9 Courses 3 requirements

NEEDS: 3 requirements

- 1) Lower Division Requirements - not included in Major GPA
- | | | | |
|------|----------|------|----|
| SP19 | CHEM 6A | 4.00 | A |
| WI21 | ECE 5 | 4.00 | A |
| FA20 | ECE 15 | 4.00 | A+ |
| WI21 | ECE 25 | 4.00 | A+ |
| SP21 | ECE 30 | 4.00 | P |
| FA19 | ECE 35 | 4.00 | A- |
| SP20 | ECE 45 | 4.00 | A |
| SP20 | ECE 65 | 4.00 | A- |
| WI19 | MATH 18 | 4.00 | A- |
| FA18 | MATH 20A | 4.00 | A |
| WI19 | MATH 20B | 4.00 | A |
| SP19 | MATH 20C | 4.00 | A |
| S119 | MATH 20D | 4.00 | A |
| FA19 | MATH 20E | 4.00 | B+ |
| SP19 | PHYS 2A | 4.00 | A |
| S119 | PHYS 2B | 4.00 | A |
| FA19 | PHYS 2C | 4.00 | B+ |
- NEEDS: 1 Course
- COURSES: PHYS 2D

- 2) Electrical Engineering
- | | | | |
|------|---------|------|----|
| S220 | ECE 101 | 4.00 | A |
| S320 | ECE 100 | 4.00 | A- |
| FA20 | ECE 107 | 4.00 | A+ |
| FA20 | ECE 109 | 4.00 | A |
- NEEDS: 1 Course
- COURSES: ECE 103
- 3) Depth Courses
- NEEDS: 4 Courses
- COURSES: ECE 181,182,183,184 OR 185

- 4) Electrical Engineering Design
- | | | | |
|------|---------|------|---|
| SP21 | ECE 111 | 4.00 | A |
|------|---------|------|---|
- 5) Professional Electives - choose two
- | | | | |
|------|----------|------|---|
| WI21 | ECE 172A | 4.00 | A |
| SP21 | ECE 171A | 4.00 | A |
- 6) Choose 5 Upper Division Technical Elective Courses
- | | | | |
|------|----------|------|-----|
| SP21 | MAE 180A | 4.00 | P |
| S121 | ECE 180 | 4.00 | A |
| S221 | ECE 148 | 4.00 | WIP |
| FA21 | ECE 174 | 4.00 | WIP |
| FA21 | MATH109 | 4.00 | WIP |

OR

Signal and Image Requirements and Upper Divison Major GPA

(UC trfr and LD courses not calculated in audit GPA)

EARNED:	4 requirements		
32.00 UC Graded Units	126.80 POINTS	3.962 GPA	
NEEDS:	2 requirements		
	2.000 GPA		

1) Lower Division Requirements - not included in Major GPA

SP19	CHEM 6A	4.00	A
WI21	ECE 5	4.00	A
FA20	ECE 15	4.00	A+
WI21	ECE 25	4.00	A+
SP21	ECE 30	4.00	P
FA19	ECE 35	4.00	A-
SP20	ECE 45	4.00	A
SP20	ECE 65	4.00	A-
WI19	MATH 18	4.00	A-
FA18	MATH 20A	4.00	A
WI19	MATH 20B	4.00	A
SP19	MATH 20C	4.00	A
S119	MATH 20D	4.00	A
FA19	MATH 20E	4.00	B+
SP19	PHYS 2A	4.00	A
S119	PHYS 2B	4.00	A
FA19	PHYS 2C	4.00	B+

2) Electrical Engineering

S220	ECE 101	4.00	A
S320	ECE 100	4.00	A-
FA20	ECE 107	4.00	A+
FA20	ECE 109	4.00	A

3) Depth Courses

NEEDS:	4 Courses
COURSES:	ECE 153, 161A, 161B, 161C

4) Electrical Engineering Design

SP21	ECE 111	4.00	A
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5) Professional Electives - choose two

WI21	ECE 172A	4.00	A
SP21	ECE 171A	4.00	A

6) Choose 7 Upper Division Technical Elective Courses

SP21	MAE 180A	4.00	P
S121	ECE 180	4.00	A
S221	ECE 148	4.00	WIP
FA21	ECE 174	4.00	WIP
FA21	MATH109	4.00	WIP

NEEDS:	2 Courses
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48 Upper Division Unit Requirement

EARNED:	36.00 Units
WIP:	12.00 Units

Minimum of 48 upper division units in the major

>> COLLEGE REQUIREMENTS << FA2018

Revelle General Education

Humanities

EARNED:	12.00 Units	1 requirement
WIP:	4.00 Units	
NEEDS:		1 requirement

Humanities 1, 2, 3

WI20	HUM 1	6.00	B
SP20	HUM 2	6.00	P
S221	HUM 3	4.00	WIP

Humanities 4, 5

Both required; at least one must be taken at UCSD

NEEDS:	8.00 Units	2 Courses
COURSES:	HUM 4, 5	

Mathematics

EARNED: 12.00 Units

1 requirement

Mathematics			
FA18	MATH 20A	4.00	A
WI19	MATH 20B	4.00	A
WI19	MATH 18	4.00	A-

Science

EARNED:

4 requirements

1) Biology			
SP20	BILD 7	4.00	A
2) Chemistry			
SP19	CHEM 6A	4.00	A
3) Physics			
SP16	PHYS 1A	4.00	TP
4) Natural Sciences			
SP19	PHYS 2A	4.00	A
S119	PHYS 2B	4.00	A

Social Science and Fine Arts

EARNED: 12.00 Units

2 requirements

Social Science			
SP16	AP EI4	4.00	tP
WI20	LIGN 17	4.00	A
Fine Arts			
WI21	MUS 17	4.00	P

Languages

EARNED:

1 requirement

1) Language Proficiency - Minimum 4th Quarter Proficiency			
FA19	LTGM 2A	5.00	P

WORK IN PROGRESS

WIP: 20.00 Units

The following grades must be resolved for graduation			
S221	ECE 148	4.00	WIP
S221	HUM 3	4.00	WIP
FA21	ECE 16	4.00	WIP
FA21	ECE 174	4.00	WIP
FA21	MATH109	4.00	WIP

>> UNIVERSITY REQUIREMENTS <<

Degree and Diploma Application

You must file a DDA by the deadline set by your college
<http://degree.ucsd.edu>
Once filed, a signature block will display under your major requirements. This does not require any additional action on your part.

UC Writing and AHI, DEI

Entry Level Writing Requirement (ELWR)			
American History and Institutions (AHI)			
Diversity, Equity and Inclusion (DEI)			
FA18	MGT 18	4.00	P

Minimum Upper Division Units

EARNED: 36.00 Units

WIP: 12.00 Units

Take at Least 60 Units
(EAP 100 and EXPR 100 NOT included!)

36.00	9 Crses Taken	
WIP --->	12.00 Units	3 Crses Taken
NEEDS:	12.00 Units	

Maximum of 25% Pass/No Pass

P/NP Units - Currently Less Than 25% of All UCSD units
includes WIP courses
(EXPR 100, 199 and SP20 courses are NOT included!)

(14.50 Units taken)

8.1 %

FA19	LTGM 2A	5.00	P
WI19	LIGM 1B	2.50	P
FA18	REV 1	2.00	P
FA18	MGT 18	4.00	P
FA18	ESYS 90	1.00	P

Senior Residency

Currently in compliance
At least 35 of your last 45 units are from UCSD

(25.00 Units taken)

WIP --->	20.00 Units
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Elective Courses

EARNED: 22.00 Units

FA18	ESYS 90	1.00	P
FA18	LIGM 1A	2.50	A-
FA18	LIGM 1AX	2.50	A
FA18	REV 1	2.00	P
WI19	LIGM 1B	2.50	P
WI19	LIGM 1BX	2.50	A
SP19	LIGM 1C	2.50	A-
SP19	LIGM 1CX	2.50	A-
S219	MGT 12	4.00	A-

Courses Not Applying toward Degree Requirements

Key to Repeated Course Flags:
>G - Excluded from UC GPA
>U - Excluded from Total Units
>X - Excluded from Both UC GPA and Total Units

Courseload Credit; no units earned

WI19	AWP 2A	4.00	B+
SP19	AWP 2B	4.00	B+

Courses Failed, Withdrawn, or Repeated

FA20	ECE 25	0.00	W	>G
WI20	ECE 45	0.00	D	>X

***** ADDITIONAL INFORMATION *****

(IMPORTANT: PLEASE READ)

- * All graded and withdrawn course work will appear on the audit regardless of applicability toward major/minor, GE or University requirements.
- * Transfer course work must be posted to the UC San Diego record before it will appear on the audit.

*** End of Analysis, University of California, San Diego ***

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