

# Bachelor of Science in Engineering - Computer Engineering

## 2021-22 Degree Sheet

Name: \_\_\_\_\_

NSHE ID#: \_\_\_\_\_

### UNLV General Education Core (27-39 Credits)

#### English: 6 Credits

	SEM	CRED	GRADE
ENG 101*		3	
ENG 102*		3	

#### First Year Seminar: 2-3 Credits

EGG 101 and EGG 202 Recommended

	SEM	CRED	GRADE
EGG 101*		1	
EGG 202	(Taken Second Year)	1	

#### Second Year Seminar: 0-3 Credits

\*\*\*Phil 242 satisfies SYS & Humanities (ENG and CM Students Only)

\*\*\*0 credits if Phil 242 taken as SYS

	SEM	CRED	GRADE
*			

#### Constitution: 4-6 Credits

Choose from: PSC 101, HIST 100, HIST 101+102,  
or HIST 101 + (HIST 217 or PSC 100)

	SEM	CRED	GRADE

#### Social Science: 6 Credits\*\*

Must be from 2 different areas NOT ECON

\*\*SEE NOTE BELOW

	SEM	CRED	GRADE
CEE 307		3	
		3	

#### Fine Arts: 3 Credits

Choose from approved list in the 2021-22 catalog

\*\*SEE NOTE BELOW

	SEM	CRED	GRADE
		3	

#### Humanities: 6 Credits

Choose from approved list in the 2021-22 catalog

\*\*SEE NOTE BELOW

	SEM	CRED	GRADE
***PHIL 242		3	
		3	

### Departmental Requirements: 93 Credits

#### Math/Science: 25 Credits

	SEM	CRED	GRADE
MATH 181*		4	
MATH 182*		4	
MATH 251		3	
MATH 431 or CPE 260		3	
STAT 411 or 463		3	
PHYS 180*		3	
PHYS 180L*		1	
PHYS 181		3	
PHYS 181L		1	

#### Math/Science Electives: 6 Credits

Chem 121A/L Recommended - See approved list

	SEM	CRED	GRADE

#### IMPORTANT NOTES:

Per UNLV catalog, students are solely responsible for knowing and completing their degree requirements.

Academic Advisors are available to help students understand and meet graduation requirements. Meet with your advisor regularly.

\*Designates courses to be completed as pre-major curriculum.

A grade of C or higher must be earned in all pre-major courses

\*\* A 3-credit international and 3-credit multicultural class must be completed per UNLV GEN ED. requirements. The use of "Double-Dipper" courses are recommended, see approved list.

ALL English, math, science, engineering, computer science courses must have a grade of "C" or higher for graduation and to progress.

Refer to the current Undergraduate Catalog for course prerequisites. Current course prereqs. apply to all students regardless of a student's catalog of matriculation.

[Catalog Link](#)

### EE/CPE Fundamentals: 43 Credits

	SEM	CRED	GRADE
CS135/L*		3	
CS 202		3	
CS 302		3	
CS 370		3	
CpE 100*		3	
CpE 200/D		3	
CpE 200L		1	
CpE 300		3	
CpE 301/D		3	
CpE 301L		1	
CpE 302		3	
EE 220/D		3	
EE 221		3	
EE 221L		1	
EE 320		3	
EE 320L		1	
EE 497		1	
EE 498		2	

### CpE Core: 12 Credits

Must complete two courses in two concentration areas out the four areas

	Digital Design	SEM	CRED	GRADE
EE 421			3	
CpE 404			3	
CpE 408			3	
	Computer Networks			
CpE 400			3	
CpE 405			3	
CS 445			3	
	Embedded Systems			
CpE 403			3	
CpE 409			3	
CpE 476			3	
CpE 477			3	
	Intelligent Systems (IS)			
CpE 407			3	
CpE 417			3	
CS 458			3	

### CE Labs: 1 Credit (Choose One From Below)

	SEM	CRED	GRADE
CPE 300L		1	
EE 420L		1	
EE 421L		1	

### Professional Electives: 6 Credits

See approved list

	SEM	CRED	GRADE

Upon completion of "pre" requirements students must meet with a faculty mentor and submit paperwork for advanced standing status.

2.00 or higher UNLV GPA is required for graduation

Half the min. req. degree credits must be taken at a 4-yr institution

The last 30 credits of your degree need to be taken uninterrupted from an NSHE institution.

Minimum number of semester units required for a bachelor's degree from UNLV is 120. CPE students will have 120 credits or more.

Graduation Checklist (ADVISOR USE)	YES	NO	N/A
Minimum 120 total credits to graduate			
Minimum 2.00 GPA for Graduation			
60 credits earned from a 4-year institution			
Last 30 credits in residency at NSHE Instit.			
Multicultural Requirement Satisfied			
International Requirement Satisfied			
Transfer student with GEN ED Waiver			

**Total Credits: 120 - 132**

UPDATED: 6/14/21 (CP)