Bachelor of Science in Engineering - Computer Engineering
2017-2018 Catalog

Name:_____   ID #:_____

UNLV General Education Core (30-36 Credits)
English: 6 Credits

		SEM	CRED	GRADE
ENG 101*			3	
ENG 102*			3	

First Year Seminar: 2-3 Credits
EGG 101/L Recommended

		SEM	CRED	GRADE

Second Year Seminar: 3 Credits
***Phil 242 satisfies SYS & Humanities
for Engineering students only

		SEM	CRED	GRADE
			3	

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: 9 Credits
ECON 190 satisfies UNLV **International requirement

Must Be in 3 Different Areas		SEM	CRED	GRADE
ECON 190**	(International)		3	
CEE 307			3	
			3	

Fine Arts: 3 Credits
**Choose from approved list in catalog

		SEM	CRED	GRADE
			3	

Humanities: 6 Credits

		SEM	CRED	GRADE
COM 216			3	
***PHIL 242			3	

Departmental Requirements: 97 Credits
Math/Science: 29 Credits

		SEM	CRED	GRADE
CHEM 121A*			3	
CHEM 121L*			1	
MATH 181*			4	
MATH 182*			4	
MATH 251			3	
CpE 260 or MATH 431			3	
STAT 411 or 463			3	
PHYS 180*			3	
PHYS 180L*			1	
PHYS 181			3	
PHYS 181L			1	

NOTES:

* = These courses must be completed with a "C" or higher to obtain "Advanced Standing" in the major
** = A 3-credit international and 3-credit multicultural class must be completed per UNLV GEN ED. requirements

Total Credits: 127-130

EE/CPE Fundamentals: 46 Credits

		SEM	CRED	GRADE
CS135/L*			3	
CS 202			3	
CS 218			3	
CS 302			3	
CS 370			3	
CpE 100*			3	
CpE 200/D			3	
CpE 200L			1	
CpE 300			3	
CpE 301			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 2 couses in 2 concentration areas out of the following 4 areas.
^CS 445 cannot to used to satisfy requirements for both the Computer Networks Core and Security Systems Core

		SEM	CRED	GRADE
	Digital Electronic Design			
EE 421			3	
CpE 408			3	
	Computer Networks			
CpE 400			3	
^CS 445			3	
	Computer Systems Design			
CpE 403			3	
CpE 404			3	
CpE 409			3	
	Security Systems			
CpE 405			3	
CpE 407			3	
^CS 445			3	

CE Labs: 1 Credits.
Must complete minimum 1 credit of laboratory

		SEM	CRED	GRADE
CPE 300L			1	
EE 340L			1	
EE 370L			1	
EE 420L			1	
EE 421L			1	
EE 450L			1	
EE 460L			1	
EE 480L			1	

Professional Electives: 6 Credits
6 Credits from EE or CPE Classes **(See approved list)**

		SEM	CRED	GRADE
			3	
			3	

Math/Science Electives: 3 Credits
3 Credits from Math/Science - MATH, PHYS, CHEM, BIOL
(See approved list)

		SEM	CRED	GRADE
			3	