Komar University of Science and Technology
College of Engineering, Computer Department
(124 Credit Hours) F19+

First Year (Freshman) (32CH)

Fall (16CH)

Prereq	Course	Code
EGH0615	Calculus I	MTH1410
EGH0615	Information and Communication Technology	CPE1410C
EGH0615	Computer Skills	CMP1300
EGH0615	Academic English I	EGH1310
EGH0615	Kurdology	SOS1205

Spring (16CH)

Prereq	Course	Code
MTH1410	Calculus II	MTH1411
MTH1410 | MTH1411	General Physics I & Lab	PHY1410C
EGH0615	Introduction to Engineering	ENG1200
EGH1310	Academic English II	EGH1311
EGH1310	Academic Debate	HUM1300

Second Year (Sophomore) (31CH)

Fall (16CH)

Prereq	Course	Code
MTH1411	Advanced Calculus	MTH2412
PHY1410C	General Physics II & Lab	PHY2411C
CMP1300	Programming Concepts & Algorithms	CPE2405C
CMP1300, CPE1410C	Computer Logic Design	CPE2410C

Spring (15CH)

Prereq	Course	Code
MTH1411	Differential Equations	MTH2315
CPE2405C	Object Oriented Programming	CPE2315
PHY2411C	Electronic Materials	CPE2320
CPE2410C	Computer Organization & Architecture	CPE2325
CPE2405C	Fundamentals of Database Systems	CPE3330

Third Year (Junior) (33CH)

Fall (18CH)

Prereq	Course	Code
MTH1411	Statistics for Engineering	MTH3325
CPE2325	Microprocessors	CPE3435C
CPE2315	Data Structures	CPE3340
Dep. Approval	Departmental Electives I	(3 CH)
(60 CH)	Social Science Elective	(3 CH)
EGH1311	Professional Communication	EGH3215

Spring (15CH)

Prereq	Course	Code
MTH1411	Discrete Structures	MTH3330
EGH3215	Engineering Economy	ENC3310
CPE3330	Software Engineering	CPE3345
CPE2325	Computer Communication & Network	CPE3450C
EGH3215	Research Methodology	HUM3215

Practical Training — CPE3050

Fourth Year (Senior) (28CH)

Fall (15CH)

Prereq	Course	Code
CPE2320, (80 CH)	Circuit Analysis	CPE4355C
CPE2325	Operating System	CPE4360
CPE3435C	Introduction to Embeded System	CPE4365
CPE2325, CPE3340	Computer System Design	CPE4370C
Dep. Approval	Departmental Electives II	(3 CH)

Spring (13CH)

Prereq	Course	Code
CPE3450C	Computer Networking Design & Analysis	CPE4375
CPE4360	Computer Security	CPE4385
CPE3345	Artificial Intelligent	CPE4390
Dep. Approval	Graduation Project	CPE4496