

Study Plan for T3 /2017-18

<u>Trimester III/ 2017-2018</u>		Year I	Credits
C	EGCI 100	Introduction to Computer Engineering	1 (0-2-1)
C	EGCI 111	Computer Programming	4 (3-2-7)
G	ICID 100	Freshman Seminar	0 (0-1-0)
G	ICNS XX	YOUR MATH TRACK	4 (4-0-8)
G	ICCM/EG ...	Intermediate English Communication I(EC1)	4 (4-0-8)
G	ICHE/PE...	Gen Ed (Health and Physical Education 1)	<u>1 (0-2-1)</u>
Total			14 (12-7-25)

<u>Trimester I /2018-2019</u>			Credits
G	ICNS XX	YOUR MATH TRACK	4 (4-0-8)
G	ICCM/EG...	EC2	4 (4-0-8)
G	ICHM/ML...	Gen Ed (Humanities 1)	4 (4-0-8)
C	ICPY 132	Principles of Physics	<u>4 (4-0-8)</u>
Total			16 (16-0-32)

<u>Trimester II /2018-19</u>			Credits
G	ICNS XX	YOUR MATH TRACK	4 (4-0-8)
G	ICCM...	EC 3	4 (4-0-8)
G	ICSS ...	Gen Ed (Social Science 1)	4 (4-0-8)
R	EGCI 212	Programming Techniques	<u>4 (4-0-8)</u>
Total			16 (16-0-32)

Year II

Trimester III/ 2018-19

			Credits
C	ICPY 211	General Physics I	4 (4-0-8)
C	EGCI 200	Engineering Mathematics I	4 (4-0-8)
R	EGCI 201	Discrete Mathematics	4 (4-0-8)
R	EGCI 252	System Programming	<u>4 (4-0-8)</u>
Total			16 (16-0-32)

Trimester I /2019-2020

			Credits
R	EGCI 213	Programming Paradigms	4 (4-0-8)
C	EGCI 206	Engineering Mathematics II	4 (4-0-8)
C	EGCI 204	Engineering Mechanics	4 (4-0-8)
G	ICHM/ML...	Gen Ed (Humanities 1)	4 (4-0-8)
G	ICHE/PE ...	Gen Ed (Health and Physical Education 2)	<u>1(0-2-1)</u>
Total			17 (16-2-33)

Trimester II /2019-2020

			Credits
R	EGCI 205	Numerical Methods for Engineers	4 (4-0-8)
R	EGCI 221	Data Structures and Algorithms	4 (4-0-8)
C	EGCI 230	Electric Circuit Analysis	4 (4-0-8)
R	EGCI 233	Digital Circuit Design Lab	1 (0-2-1)
R	EGCI 234	Digital Circuit Design	<u>4 (4-0-8)</u>
Total			17 (15-4-32)

Year III

<u>Trimester III 2019-2020</u>			Credits
C	EGCI 232	Engineering Electronics	4 (3-2-7)
C	EGCI 305	Statistics for Research for Computer Engineers	4 (4-0-8)
R	EGCI 312	Professional Practices I	1 (0-2-1)
R	EGCI 321	Database Systems	4 (4-0-8)
R	EGCI 372	Data Communication and Computer Networks	<u>4 (4-0-8)</u>
Total			17 (16-2-33)

<u>Trimester I 2021-2022</u>			Credits
R	EGCI 313	Professional Practices II	1 (0-2-1)
R	EGCI 333	Computer Architecture	4 (4-0-8)
R	EGCI 330	Microprocessors and Interfacing	4 (4-0-8)
R	EGCI xxx	EGCI Elective (1)	4 (4-0-8)
G	ICNS ...	Gen Ed (Natural Science 1)	<u>4 (4-0-8)</u>
Total			17 (16-2-33)

<u>Trimester II 2021-2022</u>			Credits
R	EGCI 332	Embedded Systems	4 (4-0-8)
R	EGCI 341	Software Engineering	4 (4-0-8)
R	EGCI 351	Operating Systems	4 (4-0-8)
G	ICPE/HE...	Gen Ed (Health and Physical Education)	1 (0-2-1)
E	EGCI xxx	EGCI Elective (2)	<u>4 (4-0-8)</u>
Total			17 (16-2-33)

Year IV

Trimester III 2021-2022

R	EGCI 400	Morals and Ethical Studies for Computer Engineers	1 (1-0-2)
R	EGCI 491	Project Seminar	1 (0-2-1)
G	ICCM/EG...	EC 4	4 (4-0-8)
E	EGCI ...	EGCI Elective (3)	4 (4-0-8)
G	ICPE/HE...	Gen Ed (Health and Physical Education)	1 (0-3-1)
G	ICSS ...	Gen Ed (Social Science 2)	4 (4-0-8)
G	ICHE/PE ...	Gen Ed (Health and Physical Education 4)	1 (0-2-1)
F	ICxx ...	Free Elective (1)	4 (x-x-x)

Total **16 (13-7-29) + 4 (x-x-x)**

Summer Session

R	EGCI 319	Internship in Computer Engineering	Credits 2 (0-12-2)
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Total **2 (0-12-2)**

Trimester I 2022-2023

E	EGCI ...	EGCI Elective (4)	4 (4-0-8)
E	EGCI ...	EGCI Elective (5)	4 (4-0-8)

Total **8 (8-0-16)**

Trimester II 2022-2023

R	EGCI 492	Computer Engineering Project	2 (0-4-2)
E	EGCI ...	EGCI Elective (6)	4 (4-0-8)
G	ICNS ...	Gen Ed (Natural Science 2)	4 (x-x-x)
F	ICxx	Free Elective	4 (x-x-x)

Total **6 (4-4-10) + 8 (x-x-x)**