

Computer Science (4 years / 240 ECTS, Bachelor)

COURSE DISTRIBUTION PER SEMESTER

A/A	Course Type	Course Name	Course Code	Periods per week	Period duration	Number of weeks/ Academic semester	Total periods/ Academic semester	Number of ECTS
A' Semester								
1.	C	Fundamentals of Information Technology	CSC101	3	55'	13	39	6
2.	GE / FE	Computer Applications	CSC102	3	55'	13	39	6
3.	C	Computer Programming	CSC103	3	55'	13	39	6
4.	GE / FE	English Communication	ENG101	3	55'	13	39	6
5.	C	Calculus	MTH103	3	55'	13	39	6
B' Semester								
6.	C	Digital Logic	CSC105	3	55'	13	39	6
7.	C	Computer Programming II	CSC112	3	55'	13	39	6
8.	GE / FE	English Writing	ENG102	3	55'	13	39	6
9.	C	Statistics	MTH102	3	55'	13	39	6
10.	C	Discrete Mathematics	MTH104	3	55'	13	39	6

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C' Semester								
11.	C	Management Information Systems	CSC203	3	55'	13	39	6
12.	C	Systems Analysis and Design	CSC205	3	55'	13	39	6
13.	GE / FE	Advanced English	ENG201	3	55'	13	39	6
14.	C	Linear Algebra	MTH203	3	55'	13	39	6
15.	GE / FE	Principles of Sociology	SOC101	3	55'	13	39	6
D' Semester								
16.	C	Data Structures and Algorithms	CSC202	3	55'	13	39	6
17.	C	Computer Organization and Architecture	CSC206	3	55'	13	39	6
18.	C	Databases	CSC302	3	55'	13	39	6
19.	C	Calculus II	MTH202	3	55'	13	39	6
20.	GE / FE	Introduction to Psychology	PSY101	3	55'	13	39	6

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E' Semester								
21.	C	Operating Systems	CSC308	3	55'	13	39	6
22.	C	Data Communications and Computer Networks	CSC407	3	55'	13	39	6
23.	C	Introduction to Artificial Intelligence	CSC410	3	55'	13	39	6
24.	GE / FE	Modern Greek	GRE101	3	55'	13	39	6
25.	EL	Programming in Java	CSC310	3	55'	13	39	6
F' Semester								
26.	C	Web Programming	CSC210	3	55'	13	39	6
27.	C	Software Engineering	CSC307	3	55'	13	39	6
28.	GE / FE	Principles of Microeconomics	ECO101	3	55'	13	39	6
29.	GE / FE	Introduction to Machine Learning	CSC419	3	55'	13	39	6
30.	EL	Human Computer Interaction	CSC312	3	55'	13	39	6

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G' Semester								
31.	C	Computer Science Project I	CSC414	N/A	N/A	13	N/A	12
32.	EL	Advanced Web Programming	CSC313	3	55'	13	39	6
33.	EL	Cloud Computing, IoT and Wearable Technologies	CSC417	3	55'	13	39	6
34.	GE / FE	Game Design and Development	CSC420	3	55'	13	39	6
H' Semester								
35.	C	Computer Science Project II	CSC415	N/A	N/A	13	N/A	12
36.	EL	Mobile Computing Programming	CSC311	3	55'	13	39	6
37.	EL	Network Security	CSC416	3	55'	13	39	6
38.	GE / FE	Internship	MAJ101	3	55'	13	39	6

* Course Type: Compulsory Course (C), Elective Course (EL), General Education Elective Course / Free Elective Course (GE / FE), Undergraduate / Postgraduate Assignment (A), Practical training (P), N/A: Not applicable