

TABLE 2: COURSE DISTRIBUTION PER SEMESTER ([Doc. 500.1.1](#))

A/A	Course type	Course title	Course code	Periods/ week	Period duration	Number of weeks/ semester	Total periods/ semester	Number of ECTS
A' Semester								
1.	Compulsory	Introduction to Management	MIS 106	3	50 min	15	45	6
2.	Compulsory	Introduction to Marketing	MIS 102	3	50 min	15	45	6
3.	Compulsory	Calculus I	CSM 103	3	50 min	15	45	6
4.	Compulsory	Financial Accounting I	MIS 103	3	50 min	15	45	6
5.	Compulsory	English Language I	ENG 101	3	50 min	15	45	6
B' Semester								
6.	Compulsory	Principles of Microeconomics	MIS 101	3	50 min	15	45	6
7.	Compulsory	Business Software Applications	MIS 107	3	50 min	15	45	6
8.	Compulsory	Ethics in Computer Science	CSC 108	3	50 min	15	45	6
9.	Compulsory	Financial Accounting II	MIS 109	3	50 min	15	45	6
10.	Compulsory	English Language II	ENG 102	3	50 min	15	45	6
C' Semester								
11.	Compulsory	Organizational Behavior	MIS 201	3	50 min	15	45	6
12.	Compulsory	E-Business	MIS 202	3	50 min	15	45	6
13.	Compulsory	Programming Principles I	CSC 102	5	50 min	15	75	6
14.	Compulsory	Probabilities and Statistics	CSM 204	3	50 min	15	45	6

15.	Compulsory	Organizational Communication in the Digital Era	MIS 203	3	50 min	15	45	6
D' Semester								
16.	Compulsory	Operating Systems	CSC 20	5	50 min	15	75	6
17.	Compulsory	Programming Principles II	CSC 106	5	50 min	15	75	6
18.	Compulsory	Communications and Networks	CSC 208	3	50 min	15	45	6
19.	Compulsory	Statistical Applications in Business	MIS 206	3	50 min	15	45	6
20.	Compulsory	Business Information Technology	MIS 207	3	50 min	15	45	6
E' Semester								
21.	Compulsory	Business Intelligence	MIS 301	3	50 min	15	45	6
22.	Compulsory	Data Structures & Algorithms	CSC 202	3	50 min	15	45	6
23.	Compulsory	Databases I	CSC 302	5	50 min	15	75	6
24.	Compulsory	Software Engineering I	CSC 303	3	50 min	15	45	6
25.	Compulsory	Digital Transformation	MIS 401	3	50 min	15	45	6
F' Semester								
26.	Compulsory	Research Methods	CSC 304	3	50 min	15	45	6
27.	Compulsory	Information Systems Concepts	MIS 306	3	50 min	15	45	6
28.	Compulsory	Software Engineering II	CSC 307	3	50 min	15	45	6
29.	Compulsory	Business Law	MIS 401	3	50 min	15	45	6
30.	Elective	Free Elective	ELE 1	3	50 min	15	45	6

G' Semester								
31.	Compulsory	Final Project Phase I	CSC 401	3	50 min	15	45	6
32.	Compulsory	Enterprise Systems	MIS 402	3	50 min	15	45	6
33.	Compulsory	IT Project Management	MIS 403	3	50 min	15	45	6
34.	Elective	Free Elective	ELE 2	3	50 min	15	45	6
35.	Specialization	Specialization Course	SPE 1	3	50 min	15	45	6
H' Semester								
36.	Compulsory	Final Project Phase II	CSC 406	3	50 min	15	45	6
37.	Compulsory	E-Governance and Digital Public Services	MIS 406	3	50 min	15	45	6
38.	Compulsory	Operations Management	MIS 407	3	50 min	15	45	6
39.	Specialization	Specialization Course	SPE 2	3	50 min	15	45	6
40.	Specialization	Specialization Course	SPE 3	3	50 min	15	45	6

INTERNSHIP			
1.	ELECTIVE	INT 101	Professional Placement I
2.	ELECTIVE	INT 102	Professional Placement II

SPECIALIZATION COURSES FOR COMPUTING			
1.	MAJOR ELECTIVE	MSE 402	Parallel and Distributed Systems

2.	MAJOR ELECTIVE	MCN 403	Principles of Cybersecurity
3.	MAJOR ELECTIVE	CSC 407	Digital Image Processing
SPECIALIZATION COURSES FOR BUSINESS			
1.	MAJOR ELECTIVE	MB 401	Management of Innovation and Technology
2.	MAJOR ELECTIVE	MB 402	Strategic Management and Policy
3.	MAJOR ELECTIVE	MB 403	Human Resource Management
SPECIALIZATION COURSES FOR DATA ANALYTICS			
1.	MAJOR ELECTIVE	CSC 308	Introduction to Artificial Intelligence
2.	MAJOR ELECTIVE	CSC 309	Applied Big Data with PySpark
3.	MAJOR ELECTIVE	CSC 404	Cloud Computing
SPECIALIZATION COURSES FOR WEB DEVELOPMENT			
1.	MAJOR ELECTIVE	CSC 209	Human-Computer Interaction
2.	MAJOR ELECTIVE	CSC 301	Web Design



ΦΟΡΕΑΣ ΔΙΑΣΦΑΛΙΣΗΣ ΚΑΙ ΠΙΣΤΟΠΟΙΗΣΗΣ ΤΗΣ ΠΟΙΟΤΗΤΑΣ ΤΗΣ ΑΝΩΤΕΡΗΣ ΕΚΠΑΙΔΕΥΣΗΣ
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3.	MAJOR ELECTIVE	CSC 305	Web Programming
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