

Course Offering
Semester: Spring 2022
Program:BS Software Engineering

S.#	Code	Course Title	Status	Section	Pre-Req.	Co-Req.	Semester	Remarks
1.	SE1133	Introduction to Programming	Core	1	Nil	SE1131	1	Click here to enter text.
2.	SE1131	Introduction to Programming Lab	Core	1	Nil	SE1133	1	Click here to enter text.
3.	HMSE1002	Pakistan Studies	G. Edu	1	Nil	Nil	1	Click here to enter text.
4.	MTSE1013	Calculus and Analytical Geometry	Supp. Science	1	Nil	Nil	1	Click here to enter text.
5.	PHSE1013	Applied Physics	Supp. Science	1	Nil	Nil	1	Click here to enter text.
6.	HMSE1013	English I	G. Edu	1	Nil	Nil	1	Click here to enter text.
7.	SE1143	Object Oriented Programming	Core	4	SE1133	SE1141	2	Click here to enter text.
8.	SE1141	Object Oriented Programming Lab	Core	5	SE1131	SE1143	2	Click here to enter text.
9.	HMSE1012	Islamic Studies/Ethics	G. Edu	4	Nil	Nil	2	Click here to enter text.
10.	HMSE1023	English-II	G. Edu	4	HMSE1013	Nil	2	Click here to enter text.
11.	HMSE2063	Introduction to Sociology	G. Edu	4	Nil	Nil	2	Click here to enter text.
12.	SE2053	Discrete Structures	Core	4	Nil	Nil	2	Click here to enter text.
13.	MTSE1033	Linear Algebra	Supp. Science	4	MTSE1013	Nil	2	Click here to enter text.
14.	SE2143	Data Structures	Core	2	SE1143	SE2141	3	Click here to enter text.
15.	SE2141	Data Structures Lab	Core	2	SE1141	SE2143	3	Click here to enter text.
16.	SE2313	Introduction to Database Systems	Core	2	SE1133	SE2311	3	Click here to enter text.
17.	SE2311	Introduction to Database Systems Lab	Core	2	SE1131	SE2313	3	Click here to enter text.
18.	HMSE2223	Introduction to French Language	G. Edu	2	Nil	Nil	3	Click here to enter text.
19.	HMSE2033	Technical Report Writing	G. Edu	2	HMSE1013	Nil	3	Click here to enter text.

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20.	MTSE3063	Probability & Statistics	Supp. Science	2	MTSE1013	Nil	3	Click here to enter text.
21.	SE2223	Software Engineering-I	Core	3	SE1143	Nil	4	Click here to enter text.
22.	SE3263	Software Requirement Engineering	Core	3	Nil	Nil	4	Click here to enter text.
23.	SE3773	Computer Comm. and Networks	Core	3	SE1133	SE3771	4	Click here to enter text.
24.	SE3771	Computer Comm. and Networks Lab	Core	4	SE1131	SE3773	4	Click here to enter text.
25.	HMSE1033	Personal Management and Grooming	G. Edu.	3	Nil	Nil	4	Click here to enter text.
26.	SE3413	Operating Systems	Core	3	SE2143	SE3411	4	Click here to enter text.
27.	SE3411	Operating Systems Lab	Core	4	SE2141	SE3413	4	Click here to enter text.
28.	HMSE2013	Professional Ethics and legal Issues	G. Edu.	1	Nil	Nil	5	Click here to enter text.
29.	SE3713	Introduction to Information Security and Forensics	Core	1	SE1133	Nil	5	Click here to enter text.
30.	SE3312	Software Architecture and Design	Core	1	SE2223	SE3311	5	Click here to enter text.
31.	SE3311	Software Architecture and Design Lab	Core	2	SE2223	SE3312	5	Click here to enter text.
32.	SE3273	Human Computer Interaction	Core	1	SE2223	Nil	5	Click here to enter text.
33.	SE4113	Formal Methods in Software Engineering	SE Domain	1	SE2223	Nil	5	Click here to enter text.
34.	SE3173	Computer Game Programming	Elective	1	SE1133	Nil	5	Click here to enter text.
35.	SE3613	Software Quality Engineering	Core	2	SE2223	Nil	6	Click here to enter text.
36.	SE3512	Software Construction and Development	Core	2	SE3312	SE3511	6	Click here to enter text.
37.	SE3511	Software Construction and Development Lab	Core	3	SE3311	SE3512	6	Click here to enter text.
38.	SE3523	Web Engineering	Core	2	SE2223	Nil	6	Click here to enter text.
39.	SE3923	Simulation and Modeling	SE Domain	2	MTSE1013	Nil	6	Click here to enter text.
40.	SE4883	Introduction to Data Science	Elective	2	SE2313	Nil	6	Click here to enter text.

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41.	SE4813	Artificial Intelligence	Elective	2	SE2143	Nil	6	Click here to enter text.
42.	SE4273	Software Project Management	Core	1	SE3312	Nil	7	Click here to enter text.
43.	SE4283	Software Re-Engineering	Core	1	SE3512	Nil	7	Click here to enter text.
44.	SE3833	Business Process Engineering	SE Domain	1	SE3263	Nil	7	Click here to enter text.
45.	SE4343	Automated Software Testing	Elective	1	SE3613	Nil	7	Click here to enter text.
46.	SE4912	Design Project (Part-I)	D. Project	1	SE3512	Nil	7	Click here to enter text.
47.	ACSE3003	Financial Accounting	G. Edu.	1	Nil	Nil	7	Click here to enter text.
48.	MGSE1003	Introduction to Management	G. Edu.	1	Nil	Nil	8	Click here to enter text.
49.	SE4924	Design Project (Part-II)	D. Project	1	SE4912	Nil	8	Click here to enter text.
50.	SE4743	Internet of the Things	Elective	1	SE3773	Nil	8	Click here to enter text.
51.	SE4343	Automated Software Testing	Elective	0	SE3613	Nil	8	Click here to enter text.