

BS Software Engineering

Summer 2023			
Semester 1	Course Code	Course Title	Sections
	SECP1013	Introduction to Computing (ITC-SE-T) – Theory	M1
	SECP1011	Introduction to Computing (ITC-SE-L) – Lab	M1
	SESS1723	Basic Electronics (BE-SE)	M1
	ENG101	English I (ENG-I-SE)	M1
	PAK101	Pakistan Studies (PAK-SE)	M1
	SEHU1813	Pakistan Studies (PAK-SE)	M1
	SEHU1823	Islamic and Religious Studies (IRS-SE)	M1
	ENT101	Fundamentals of Entrepreneurship (ENT-SE)	M1
	SESS1773	Pre-Calculus (PRE-CAL-SE)	M1
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Semester 2	Course Code	Course Title	Sections
	SECP1023	Programming Fundamentals (PF-SE-T) – Theory	N1
	SECP1021	Programming Fundamentals (PF-SE-L) – Lab	N1
	SESE1113	Software Engineering (SE-SE)	N1
	ENG102	Communication & Presentation Skills (ENG-II-SE)	N1
	SEAD1413	Discrete Structure (DS-SE)	N1
	SESS1713	Calculus and Analytical Geometry (CAL-SE)	N1
	SESS1783	Elementary Algebra (EA-SE)	N1

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Course Code	Course Title	Sections
SECP2033	Object Oriented Programming (OOP-SE-T) -Theory	O1
SECP2031	Object Oriented Programming (OOP-SE-L) - Lab	O1
SEAD3423	Introduction to Database Systems (DB-SE-T) Theory	O1
SEAD3421	Introduction to Database Systems (DB-SE-L) Lab	O1
SESD2213	Software Requirement Engineering (SRE-SE)	O1
SESS2743	Linear Algebra(LA-SE)	O1
SEGE3963	Fundamental of Marketing (FOM-SE)	O1
SEGE1973	Financial Accounting (FA-SE)	O1
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Course Code	Course Title	Sections
SECP2043	Data Structure & Algorithms (DSA-SE-T) – Theory	P1
SECP2041	Data Structure & Algorithms (DSA-SE-L) – Lab	P1
SESD2222	Software Design & Architecture (SDA-SE-T) - Theory	P1
SESD2221	Software Design & Architecture (SDA-SE-L) – Lab	P1
SESD3233	Web Engineering (WEB-E-SE)	P1
SEHU2873	Technical and Business Writing (Eng-III-SE)	P1
SESS2733	Probability and Statistics (PROB-SE)	P1
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Semester 5	Course Code	Course Title	Sections
	SENS3513	Operating Systems (OS-SE-T) Theory	Q1
	SENS3511	Operating Systems (OS-SE-L) Lab	Q1
	SESE2123	Human Computer Interaction(HCI-SE)	Q1
	SEST2613	Business Process Engineering (BPE-SE)	Q1

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Semester 6	Course Code	Course Title	Sections
	SESM3313	Software Quality Engineering (SQE-SE)	R1
	SENS3523	Computer Comm. and Networks (CCN-SE-T) Theory	R1
	SENS3521	Computer Comm. and Networks (CCN-SE-L) Lab	R1
	SESD3242	Software Construction and Development (SCD-SE-T) –Theory	R1
	SESD3241	Software Construction and Development (SCD-SE-L) - Lab	R1
	SECP3053	Mobile Application Development (MAD-SE)	R1
	SESD3253	Software Testing (ST-SE)	R1
	SESE3133	Formal Methods in Software Engineering (FM-SE)	R1

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Course Code	Course Title	Sections
SENS4533	Information Security (ISEC-SE)	S1

Semester 7	SESM4323	Software Project Management (SPM-SE)	S1
	SESE4143	Software Re-engineering (SREE-SE)	S1
	SEAD3453	Introduction to Machine Learning (IML-SE)	S1
Semester 8	Summer 2023		
	Course Code	Course Title	Sections
	SEGE3953	Professional Practices (PP-SE)	T1