

**B. Sc. Robotics and Intelligent Systems
(Semester Fall-2026)**

Semester 1	Section: Theory A----- Lab A			
	Course Code	Course Title	Credit Hours	Sections
	ICT 101	Applications of Information and Communication Technologies	2	1
	ICTL 101	Applications of Information and Communication Technologies Lab	1	1
	RME101	Engineering Mechanics – I	3	1
	QR101	Quantitative Reasoning - I	3	1
	ENG110	Functional English	3	1
	CCE201	Civics & Community Engagement	2	1
	PAK102	Ideology & Constitution of Pakistan	2	1
Semester 3	Course Code	Course Title	Credit Hours	Sections
	RCS221	Object Oriented Programming	2	1
	RCS222	Object Oriented Programming Lab	1	1
	REE201	Electronics - I	3	1
	REE202	Electronics - I Lab	1	1
	REE211	Electrical Network Analysis	3	1
	REE212	Electrical Network Analysis Lab	1	1
	ISL201	Islamic Studies/Religious Ed.	2	1
	RNS201	Applied Mathematics – II	2	1
	ENT102	Fundamentals of Entrepreneurship	2	1
Semester 5	Course Code	Course Title	Credit Hours	Sections
	RCS331	Operating Systems	3	1
	RCS332	Operating Systems Lab	1	1
	AL312	Artificial Intelligence	3	1
	AL311	Artificial Intelligence Lab	1	1
	REE333	Electronics - II	3	1
	REE334	Electronics - II Lab	1	1
	RME321	Sensors & Actuators	3	1
	RME322	Sensors & Actuators Lab	1	1

Semester 7	Course Code	Course Title	Credit Hours	Sections
	REE400	Field Experience/Internship	0	1
	REE411	Capstone Project	1	1
	RAI461	Computer Vision	3	1
	REE451	Special Topics in Robotics	2	1
	REE421	Embedded Systems	3	1
	REE422	Embedded Systems Lab	1	1
	HUN2252	Professional Ethics	2	1
	EECS4253	Introduction to IoT	3	1