POKHARA UNIVERSITY
Master of Computer Engineering
Curriculum Structure - 2024

Semester I

SN	Course Name	Credits
1	Advanced Computer Architecture	3
2	Data Structure and Algorithm Design	3
3	Operating System Design and Implementation	3
4	Research Techniques	3
5	Software Engineering	3
	Total	15

Semester II

SN	Course Name	Credits
1	Artificial Intelligence and Machine Learning	3
2	Database Engineering	3
3	Embedded Systems Design	3
4	Elective I	3
5	Elective II	3
	Total	15

Semester III

SN	Course Name	Credits
1	Cyber Security	3
2	Enterprise Cloud Computing	3
3	Software Project Management	3
4	IT Governance and Ethics	2
5	Research Seminar	1
6	Elective III	3
	Total	15

Semester IV

SN	Course Name	Credits
1	Elective IV	3
2	Thesis	12
	Total	15