

**Name of the Department : Polymer Science**

Odd Semester	Type of the Course	Name of Course	UPC	Credits	Link of DU site having the course syllabus	Page Number of syllabus	Even Semester	Type of the Course	Name of Course	UPC	Credits	Link of DU site having the course syllabus	Page Number of syllabus
Semester 1	Core 1	Introduction to Polymer Science (IPS)	6092011101	4	<a href="https://www.du.ac.in/uploads/new-web/12072023_69_Science_faculty_rev.pdf">20012023_Science.pdf</a>	152	Semester 2	Core 4	Chemistry and Engineering of Polymer Reactions (CEPR)	6092011201	4	<a href="https://www.du.ac.in/uploads/new-web/12072023_69_Science_faculty_rev.pdf">https://www.du.ac.in/uploads/new-web/12072023_69_Science_faculty_rev.pdf</a>	159
	Core 2	Raw Materials for Polymers (RMP)	6092011102	4	<a href="https://www.du.ac.in/uploads/new-web/12072023_69_Science_faculty_rev.pdf">20012023_Science.pdf</a>	154		Core 5	POLYMER RHEOLOGY (PR)	6092011202	4	<a href="https://www.du.ac.in/uploads/new-web/12072023_69_Science_faculty_rev.pdf">https://www.du.ac.in/uploads/new-web/12072023_69_Science_faculty_rev.pdf</a>	162
	Core 3	Unit Operations (UO)	6092011103	4	<a href="https://www.du.ac.in/uploads/new-web/12072023_69_Science_faculty_rev.pdf">20012023_Science.pdf</a>	156		Core 6	POLYMER TECHNOLOGY(PT)	6092011203	4	<a href="https://www.du.ac.in/uploads/new-web/12072023_69_Science_faculty_rev.pdf">https://www.du.ac.in/uploads/new-web/12072023_69_Science_faculty_rev.pdf</a>	164
	GE 1	Polymer and Environment		4	<a href="https://www.du.ac.in/uploads/new-web/12072023_69_Science_faculty_rev.pdf">20012023_Science.pdf</a>	162		GE 2	Biomedical Applications of Polymers		4	<a href="https://www.du.ac.in/uploads/new-web/12072023_69_Science_faculty_rev.pdf">https://www.du.ac.in/uploads/new-web/12072023_69_Science_faculty_rev.pdf</a>	166
	SEC 1	Chemistry Lab Operation and Safety Measures		2	<a href="https://www.du.ac.in/uploads/new-web/12072023_69_Science_faculty_rev.pdf">28032023_SEC.pdf</a>	163		SEC 2	Lab Testing and Quality Assurance		2	<a href="https://www.du.ac.in/uploads/new-web/12072023_69_Science_faculty_rev.pdf">28032023_SEC.pdf</a>	169
	VAC 1	Science and Society	6967000015	2	<a href="https://www.du.ac.in/uploads/new-web/12072023_69_Science_faculty_rev.pdf">VAC_Sem-1_2023.pdf</a>			VAC 2	Ethics and Culture		2	<a href="https://www.du.ac.in/uploads/new-web/12072023_69_Science_faculty_rev.pdf">VAC_Sem-1_2023.pdf</a>	10
	AEC 1							AEC 2					
Semester 3	Core 7	Rubber Additives (RA)	6092012301	4	<a href="https://www.du.ac.in/uploads/new-web/14112023_Science.pdf">24062023_90_Notification_ScienceFac.pdf</a>	166	Semester 4	Core 10	Polymer Testing and Specifications	6092012401	4	<a href="https://www.du.ac.in/uploads/new-web/14112023_Science.pdf">https://www.du.ac.in/uploads/new-web/14112023_Science.pdf</a>	281
	Core 8	Plastic Additives (PA)	6092012302	4	<a href="https://www.du.ac.in/uploads/new-web/14112023_Science.pdf">24062023_90_Notification_ScienceFac.pdf</a>	168		Core 11	Polymer Processing and Technology	6092012402	4	<a href="https://www.du.ac.in/uploads/new-web/14112023_Science.pdf">https://www.du.ac.in/uploads/new-web/14112023_Science.pdf</a>	284
	Core 9	Polymer Degradation (PD)	6092012303	4	<a href="https://www.du.ac.in/uploads/new-web/14112023_Science.pdf">24062023_90_Notification_ScienceFac.pdf</a>	170		Core 12	Recycling and Waste Management	6092012403	4	<a href="https://www.du.ac.in/uploads/new-web/14112023_Science.pdf">https://www.du.ac.in/uploads/new-web/14112023_Science.pdf</a>	286
	GE 3	Biomedical Applications of Polymers	6094000004	4	<a href="https://www.du.ac.in/uploads/new-web/12072023_69_Science_faculty_rev.pdf">https://www.du.ac.in/uploads/new-web/12072023_69_Science_faculty_rev.pdf</a>	166		GE 4	Polymers for Packaging		4	<a href="https://www.du.ac.in/uploads/new-web/12072023_69_Science_faculty_rev.pdf">https://www.du.ac.in/uploads/new-web/12072023_69_Science_faculty_rev.pdf</a>	166
	DSE 1	Bio-based and Biodegradable Polymers	6093010007	4	<a href="https://www.du.ac.in/uploads/new-web/14112023_Science.pdf">24062023_90_Notification_ScienceFac.pdf</a>	184		DSE 2	Engineering Drawing & Mould Design	6093010007	4	<a href="https://www.du.ac.in/uploads/new-web/14112023_Science.pdf">https://www.du.ac.in/uploads/new-web/14112023_Science.pdf</a>	325
	SEC 3	Green Methods in Chemistry		2	<a href="https://www.du.ac.in/uploads/new-web/14112023_Science.pdf">28032023_SEC.pdf</a>	178		SEC 4	Basic Analytical Techniques		2	<a href="https://www.du.ac.in/uploads/new-web/14112023_Science.pdf">28032023_SEC.pdf</a>	167
	VAC 3	Swachh Bharat		2	<a href="https://www.du.ac.in/uploads/new-web/14112023_Science.pdf">MergedFile</a>	8		VAC 4	Ethics and Culture		2	<a href="https://www.du.ac.in/uploads/new-web/14112023_Science.pdf">VAC_Sem-1_2023.pdf</a>	10
	AEC 3							AEC 4					
Semester 5	Core 13	Fibre Science (FS)	6092013501	4	<a href="https://www.du.ac.in/uploads/new-web/14112023_Science.pdf">https://www.du.ac.in/uploads/new-web/14112023_Science.pdf</a>	290	Semester 6	Core 16	POLYMER BLENDS AND COMPOSITES	6092013601	4	<a href="https://www.du.ac.in/uploads/new-web/14112023_Science.pdf">14112023_Science.pdf</a>	298

	Core 14	Polymer Characterization	6092013502	4	<a href="https://www.du.ac.in/uploads/new-web/14112023_Science.pdf">https://www.du.ac.in/uploads/new-web/14112023_Science.pdf</a>	292		Core 17	POLYMERIC NANOMATERIALS AND NANOCOMPOSITES	6092013602		<a href="https://www.du.ac.in/uploads/new-web/14112023_Science.pdf">14112023_Science.pdf</a>	301
	Core 15	Polymers in Packaging (PP)	6092013503	4	<a href="https://www.du.ac.in/uploads/new-web/14112023_Science.pdf">https://www.du.ac.in/uploads/new-web/14112023_Science.pdf</a>	296		Core 18	RUBBER TECHNOLOY	6092013603		<a href="https://www.du.ac.in/uploads/new-web/14112023_Science.pdf">14112023_Science.pdf</a>	304
	GE 5	Polymers for Packaging		4	<a href="https://www.du.ac.in/uploads/new-web/12072023_69_Science_faculty_rev.pdf">https://www.du.ac.in/uploads/new-web/12072023_69_Science_faculty_rev.pdf</a>	168		GE 6					
	DSE 3	Advanced Analytical Techniques for Polymers	6093010001	4	<a href="https://www.du.ac.in/uploads/new-web/12072023_69_Science_faculty_rev.pdf">https://www.du.ac.in/uploads/new-web/12072023_69_Science_faculty_rev.pdf</a>	307		DSE 4	RESEARCH METHODOLOGY IN POLYMER SCIENCE	6093010015	4	<a href="https://www.du.ac.in/uploads/new-web/14112023_Science.pdf">14112023_Science.pdf</a>	343
	SEC 5	Innovation and Entrepreneurship		2	<a href="https://www.du.ac.in/uploads/new-web/28032023_SEC.pdf">28032023_SEC.pdf</a>	246		SEC 6	Food waste and biproduct utalizations		2	<a href="https://www.du.ac.in/uploads/new-web/28032023_SEC.pdf">28032023_SEC.pdf</a>	234
Semester 7	Core 19	Spicity Polymers	6092014701	4			Semester 8	Core 20	Paints, Coatinnngs and Adhesives	6092014801			
	DSE 5	Wire and Cable Technology	6093010016	4				DSE 8	Polymeric Membrane	6093010018			
	DSE 6	Technology	6093010017	4				DSE 9	Polymer Foam Technology	6093010019			
	DSE 7	TYRE TECHNOLOGY	6093010003	4	<a href="https://www.du.ac.in/uploads/new-web/14112023_Science.pdf">https://www.du.ac.in/uploads/new-web/14112023_Science.pdf</a>	312		DSE 10	Material science	6093010010		<a href="https://www.du.ac.in/uploads/new-web/14112023_Science.pdf">https://www.du.ac.in/uploads/new-web/14112023_Science.pdf</a>	330
	Minor)							Minor)	Sustainability and Environment				
		Research/Project/Internship 1							Research/Project/Internship 2				