

Birla Institute of Technology & Science Pilani, Rajasthan

M.E. Chemical

Semester wise pattern for students admitted to Higher Degree program – M.E. Chemical :

Year	First Semester	Second Semester
I	Advanced Mass Transfer Advanced Heat Transfer Advanced Chemical Engineering Thermodynamics Elective	Research Practice Mathematical Methods in Chemical Engineering Reaction Engineering Elective Elective
II	Elective Elective Elective Elective	Dissertation Or Practice School

Elective Courses Offered :

Biochemical Engineering, Advanced Process Control, Petroleum Refining and Petrochemicals, Environmental Management Systems, Polymer Technology, Introduction to Multiphase flow, Chemical Process and Equipment Design, Nuclear Engineering, Energy Conservation and Management, Introduction to Nano Science and Technology, Paper and Pulp Technology, Alternate Energy Resources, Advanced Separation Technology, Petroleum Refinery Engineering, Petroleum Downstream Processing, Process Intensification, Energy Integration Analysis.