

Paper Engineering Minor

For information, contact the Department of Chemical, Paper and Biomedical Engineering, 64 Engineering Building , 513-529-0760.

The minor introduces the science and engineering of papermaking. The educational experience will prepare the student for a career as a project/process engineer in the paper and allied industries.

A minimum cumulative GPA of 2.00 is required for all courses in the minor. A minimum of 26 semester hours beyond the prerequisite courses are required. None of these courses may be taken on a credit/no credit basis.

Program Requirements

(26-29 semester hours)

Code	Title	Credit Hours
Required Courses		
CPB 201	Principles of Paper Science and Engineering	3
CPB 202	Pulp and Paper Physics	3
CPB 219	Statics and Mechanics of Materials	3
or MME 211	Static Modeling of Mechanical Systems	
CPB 301	Pulp and Paper Chemistry	3
or MME 305	Measurements and Instrumentation	
CPB/MME 313	Fluid Mechanics	3-4
or CPB 318	Transport Phenomena I	
or CPB 418	Biological Transport Phenomena	
CPB/MME 341	Engineering Economics	3
CPB 490	Special Topics in Paper and Chemical Engineering	1-3
or MME 334	Quality Planning and Control	
or MME 321	System Modeling, Analysis, & Control	
CPB 404	Papermaking	3
Select one of the following sequences:		4
CPB 471	Engineering Product Design I	
& CPB 472	and Engineering Product Design II	
MME 448	Senior Design Project	
& MME 449	and Senior Design Project ¹	
Total Credit Hours		26-29

¹ Students whose major is Mechanical Engineering are advised to select MME 448/MME 449; however, they must work on a paper engineering related project, supervised by a faculty member in CPB. In addition, students must have completed and participated in all the assessment elements required by MME 448/MME 449. Students must seek approval from their advisor in CPB and MME prior to registering for the course.

Note: Additional prerequisites may be required for specific courses in the minor. Please consult an advisor in the CPB department.