

CERTIFICATE IN MATERIALS CHEMISTRY

Curriculum

Code	Title	Credit Hours
Required Courses		(6)
Select a minimum of one course from the following:		3
CHEM 505	Spectroscopic Methods I	3
CHEM 509	Physical Methods of Characterization	3
CHEM 512	Spectroscopic Methods II	2
CHEM 542	Polymer Characterization and Analysis	3
Select a minimum of one course from the following:		3
CHEM 521	Structural Inorganic and Materials Chemistry	3
CHEM 522	Efficient Chemical and Materials Synthesis	3
CHEM 530	Organic Reaction Mechanisms	3
CHEM 531	Tactics in Organic Synthesis	3
CHEM 535	Polymer Synthesis	3
Elective Courses		(6)
Select an additional six credit hours from the courses above.		6
Total Credit Hours		12

Each of these courses, if completed with a "B" or higher, may be later applied toward the Master of Chemistry in Materials Chemistry degree if a student applies and is accepted to the degree program.