

CURRICULUM MAP
FORENSIC CHEMISTRY BS-NS FRC

Outcomes	CHE 111	CHE 112	CHE 201	CHE 202	CHE 203	CHE 204	CHE 301	CHE 331	CHE 403	CHE 470	CHE 471	FOR 122	FOR 312	FOR 412	FOR 414	FOR 416	BIO 214	BIO 303 or BIO 350
Students demonstrate mastery of core knowledge in the area of Analytical Chemistry.	I						M					I						
Students demonstrate mastery of core knowledge in the area of Organic Chemistry.			I	M	I	R												
Students demonstrate master of core knowledge in the area of Physical Chemistry.	I	R						M										
Students demonstrate a mastery of basic concepts in the area of Biochemistry.				I						M	R						I	R
Students use and understand the theory behind modern laboratory instrumentation.					I	R			M		R		I		R			
Students demonstrate ability to analyze and evaluate experimental data.	I	R					M				M	I						
Students exhibit knowledge concerning safe laboratory practices.	I	R			M													
Students keep a legible and complete experimental record.	I	R			R	R	R		R		M		R	R	R			R
Students synthesize and characterize molecules.					I	M												
Students demonstrate adequate technical report writing skills.							I				M		R	R	R			

Outcomes	CHE 111	CHE 112	CHE 201	CHE 202	CHE 203	CHE 204	CHE 301	CHE 331	CHE 403	CHE 470	CHE 471	FOR 122	FOR 312	FOR 412	FOR 414	FOR 416	BIO 214	BIO 303 or BIO 350
Students use a personal computer to analyze and collect scientific data.							I		R		M				R			
Students demonstrate adequate oral presentation skills.											M		I					
Students are prepared for a career in forensic chemistry or for advanced studies in Forensic Chemistry.	I	R	R	R	R	R	R	R	R	R	R	I	R	M	R	R	R	R

I = Introduced

R = Reinforced

M= Mastery Demonstrated