

# Chemistry ACS + Forensic Science-Chemistry

## 4 year plan

### Notes

- Consider moving a core class to summer to lighten the fall/spring load.
- CHEM 4502 & 4502L are taken twice.

### Legend

- [FA] fall only, [SP] spring only
  - **Critical:** Courses are important prerequisites and/or part of a sequence that must be taken in order.
  - Limited Flexibility: Courses can be moved to other semesters but have some restrictions.
  - *Interchangeable:* Courses are flexible and can be moved to any semester.
  - xxxx: Students can choose one of several options to fulfill this requirement.
  - \* Math courses determined by math placement scores and may vary.
  - \*\* These FRSC courses double count as CHEM electives
  - # Requires INSTR permission which is given by the FRSC Advisor.
  - ## Students must meet with FRSC Advisor to apply for Capstone and complete a degree check.
- Capstone application deadlines: September 7th for Spring, February 7th for Summer & Fall, [see capstone website](#).

Fall 1: 14 credits		Spring 1: 15 credits		Summer 1: 6 credits	
<b>CHEM 1103</b>	<b>General Chemistry I</b>	<b>CHEM 1223</b>	<b>General Chemistry II</b>	BIO 1114	General Biology
<b>CHEM 1112</b>	<b>General Chemistry I Lab</b>	<b>CHEM 1232</b>	<b>General Chemistry II Lab</b>	HLTH 1112	Healthy Life Skills
ENG 1113	English Composition	CHEM 2621	Pro in Chem I		
FRSC 2503	Intro to Forens Sci	ENG 1213	Eng Comp & Research		
<b>MATH 1533*</b>	<b>Precalculus Algebra</b>	<b>MATH 1593*</b>	<b>Plane Trigonometry</b>		
		STAT 2103	Intro to Stat for Sci		

Fall 2: 15 credits		Spring 2: 15 credits		Summer 2: 6-7 credits	
<b>CHEM 2104</b>	<b>Quant Analysis &amp; Lab</b>	<b>CHEM 3323</b>	<b>Organic Chemistry II</b>	CA/LANG xxx3/4	Cul/Lang Choice
<b>CHEM 2104L</b>	<b>Quant Analysis Lab</b>	<b>CHEM 3332</b>	<b>Organic Chemistry II Lab</b>	FRSC 3043	C.S Process.
<b>CHEM 3303</b>	<b>Organic Chem I</b>	<b>MATH 2323</b>	<b>Calculus 2</b>		
<b>CHEM 3312</b>	<b>Organic Chem I Lab</b>	MCOM 1113	Fund of Speech		
<b>MATH 2313*</b>	<b>Calculus 1</b>	<b>PHY 2014</b>	<b>Phys for Sci &amp; E I &amp; Lab</b>		
<b>MATH 2313D</b>	<b>Calculus 1 Drill</b>	<b>PHY 2014D</b>	<b>Phys for Sci &amp; E I Drill</b>		
POL 1113	American Nat'l Gov	<b>PHY 2014L</b>	<b>Phys for Sci &amp; E I Lab</b>		

Fall 3: 14 credits		Spring 3: 15 credits		Summer 3: 6 credits	
[FA] <b>CHEM 3503</b>	<b>Physical Chem I</b>	[SP] CHEM 4603	Adv Org Chem	HIST xxx3	Hist of US choice
[FA] <b>CHEM 3454</b>	<b>Fund of Instr A &amp; Lab</b>	[SP] <b>CHEM 3513</b>	<b>Phys Chem II</b>	HUM xxx3	Aesthetic A choice
[FA] <b>CHEM 3454L</b>	<b>Fund of Instr A Lab</b>	[SP] CHEM 3602	Experim Phys Chem		
<b>MATH 2333</b>	<b>Calculus 3</b>	CHEM 3621	Pro in Chem II		
<b>PHY 2114</b>	<b>Phy for Sci &amp; E II &amp; Lab</b>	FRSC 3123	Criminal Proc for FS		
<b>PHY 2114D</b>	<b>Phy for Sci &amp; E II Drill</b>	[SP] FRSC 4513**	Forensic Chem & Lab		
<b>PHY 2114L</b>	<b>Phy for Sci &amp; E II Lab</b>	FRSC 4513L	Forensic Chem Lab		

Fall 4: 14 credits		Spring 4: 15 credits		Summer 4: 6 credits	
CHEM 4502	Direct Research & Lab	CHEM 3403	Biochemistry I	EL SKILL xxx3	EL Skill choice
CHEM 4502L	Direct Research Lab	[SP] <b>CHEM 4654</b>	<b>Inorganic Chem &amp; Lab</b>	FRSC xxx3##	FRSC Capstone
[FA] FRSC 4323**	Forensic Tox & Lab	[SP] <b>CHEM 4654L</b>	<b>Inorganic Chem Lab</b>		
FRSC 4323L	Forensic Tox Lab	CHEM 4502	Direct Research & Lab		
FRSC 4533#	Forensic Microscop & Lab	CHEM 4502L	Direct Research Lab		
FRSC 4533L#	Forensic Microscop Lab	FRSC 4253	FS Analysis & Lab		
PHIL xxx3	Critical Inquiry Choice	FRSC 4253L	FS Analysis Lab		
S/B xxx3	Soc/Behave choice	[SP] FRSC4713	FS Pharma.		