

Sample* Course Sequence for the
Chemistry Major
Professional Concentration¹
For those Entering Edgewood on an Even Year

	Fall**	Spring**
Freshman	Eng 110 College Writing ² (4) Chem 120F5 General Chemistry I (4) Math 231 Calculus I (4) _____ _____ _____ _____ _____	Comms 101 Speech (3) Phil 101 Logic (3) Chem 121F5 General Chemistry II (4) Math 232 Calculus II (4) _____ _____ _____ _____ _____
Sophomore	Chem 321 Organic Chemistry I (4) Math 233 Calculus III (4) _____ _____ _____ _____ _____	Chem 323 Organic Chemistry II (4) Phys 201F5 College Physics I (4) _____ _____ _____ _____ _____
Junior	Chem 351 Analytical Chemistry (4) Phys 202F5 College Physics II (4) Chem 489 Undergraduate Research (1) _____ _____ _____ _____ _____	Chem 371 Inorganic Chemistry I (2) Chem 361 Physical Chemistry (3) Chem 431 Advanced Organic Chemistry (3) Chem 489 Undergraduate Research (1) _____ _____ _____ _____ _____

¹ This concentration is designed to prepare students for graduate school or work in an industrial or government laboratory. Careful consultation with an advisor is recommended

² Or Appropriate Placement

Senior	<p>Chem 471 Inorganic Chemistry II (2) Chem 340 Biochemistry (3) Chem 489 Undergraduate Research (1)</p> <hr/> <hr/> <hr/> <hr/> <hr/>	<p>Chem 360 Quantum Mechanics (3) Chem 370 Integrated Laboratory (2) Chem 480 Chemistry Seminar (1) Chem 489 Undergraduate Research (1)</p> <hr/> <hr/> <hr/> <hr/> <hr/>
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* This chart shows a typical means toward completing major requirements, but is not the only means; students should work with their advisors to plan out their program in a way that meets their goals.

** College General Education requirements not on the chart: Students should talk to their advisor about taking Foreign Language and Foundations of Human Learning courses (F1, F2, F3, F4, F6, F7, F8). A minimum of 120 Credits is required in order to graduate.