

## Scheduling Pattern

- Fall = September–December
- Winter = January–April
- Summer 2 = May–June
- Summer 3 = Late June–August

All sections must meet minimum enrollments to run.

<b>Course</b>	<b>Semesters Offered</b>	<b>Evening Sections</b>
CHEM 101 Chemistry for Elementary Teachers	Fall	
CHEM 107 Better Living Through Chemistry	Not regularly offered	
CHEM 108 How Chemistry Works	Not regularly offered	
CHEM 111 The Chemistry of Us	Fall	
CHEM 115 Our Environment and its Chemistry	Fall, Winter, Summer 2, 3	
CHEM 116 Chemistry and Society Laboratory	Fall, Winter, Summer 2	
CHEM 117 Fundamentals of Chemistry	Fall, Winter	
CHEM 118 Fundamentals of Chemistry Lab	Fall, Winter	
CHEM 120 Fundamentals of Organic and Biochemistry	Fall, Winter	Every Winter
CHEM 121 General Chemistry I	Fall, Winter, Summer 2	Fall of odd years
CHEM 121H Honors General Chemistry I	Fall	
CHEM 122 General Chemistry I Lab	Fall, Winter, Summer 2	Every Fall
CHEM 122H Honors General Chemistry I Lab	Fall	
CHEM 123 General Chemistry II	Fall, Winter, Summer 3	Every Winter
CHEM 124 General Chemistry II Lab	Fall, Winter, Summer 3	Every Winter

CHEM 125 Honors General Chemistry II	Winter	
CHEM 126 Honors General Chemistry II Lab	Winter	
CHEM 270 Survey of Organic Chemistry	Fall, Winter, Summer 2	Fall of even years
CHEM 271 Survey of Organic Chemistry Lab	Fall, Winter, Summer 2	Fall of even years
CHEM 283 Introduction to Analytical Chemistry	Fall, Winter, Summer 2	Fall of odd years
CHEM 284 Introduction to Analytical Chemistry Lab	Fall, Winter, Summer 2	Fall of odd years
CHEM 287/8/9 Cooperative Education in Chemistry	Fall, Winter, Summer 2 and 3	
CHEM 297 Undergraduate Research in Chemistry	Fall, Winter, Summer 2 and 3	
CHEM 312 Teaching Elementary Chemistry	Winter	
CHEM 315 Green Chemistry and the Environment for Elem. Teachers	Not regularly offered	
CHEM 325 Methodology for Secondary Chem. Teachers	Winter	Winter of even years
CHEM 332 Inorganic Chemistry	Winter	
CHEM 340 Introduction to Industrial Chemistry	Not regularly offered	
CHEM 341 Materials Science	Winter of even years	
CHEM 351 Foundations of Biochemistry	Fall, Winter, Summer 2	Winter of even years
CHEM 361 Fundamentals of Physical Chemistry	Fall, Winter	Fall of even years
CHEM 371 Organic Chemistry I	Fall, Winter, Summer 2	Fall of odd years
CHEM 371H Honors Organic Chemistry I	Fall	
CHEM 372 Organic Chemistry II	Fall, Winter, Summer 3	Winter of even years
CHEM 372H Honors Organic Chemistry II	Winter	

CHEM 373 Organic Chemistry Laboratory	Fall, Winter, Summer 3	Winter of even years
CHEM 376 Honors Organic Chemistry Laboratory	Winter	
CHEM 383W Fundamentals of Chemical Instrumentation	Fall, Winter	Winter of even years
CHEM 387/8/9 Cooperative Education in Chemistry	Fall, Winter, Summer 2 and 3	
CHEM 397/8 Undergraduate Research in Chemistry	Fall, Winter, Summer 2 and 3	
CHEM 406 The Nature of Science (Secondary Education)	Fall	Fall of even years*
CHEM 407 Nature of Science for Elementary Teachers	Fall	Fall of even years*
CHEM 411 Toxicology I	Not regularly offered	
CHEM 412 Toxicology II	Not regularly offered	
CHEM 413 Toxicology Laboratory	Not regularly offered	
CHEM 415 Environmental Chemistry	Fall	
CHEM 432 Advanced Inorganic Chemistry	Winter of odd years	Winter of odd years*
CHEM 433 Inorganic-Organic Synthesis Laboratory	Fall of odd years	
CHEM 451 Biochemistry I	Fall	Fall of even years
CHEM 452 Biochemistry II	Winter	Winter of odd years
CHEM 453W Biochemistry Laboratory	Fall, Winter	Winter of odd years
CHEM 455 Neurochemistry	Fall	
CHEM 456 Cell Signaling and Disease	Winter of even years	
CHEM 457 Medicinal Chemistry and Drug Design	Winter of odd years	
CHEM 461 Chemical Thermodynamics and Kinetics	Fall	
CHEM 463W Physical Chemistry Laboratory	Winter	Winter of even years*
CHEM 465 Quantum and Statistical Mechanics	Winter	Winter of even years

CHEM 475 Introduction to Polymer Chemistry	Not regularly offered	
CHEM 481 Instrumental Analysis	Fall	Fall of even years
CHEM 485 Radioisotope Techniques	Not regularly offered	
CHEM 487/8/9 Cooperative Education in Chemistry	Fall, Winter, Summer 2 and 3	
CHEM 497/8/9 Undergraduate Research in Chemistry	Fall, Winter, Summer 2 and 3	
CHEM 510 Computer Applications in Chemistry	Not regularly offered	All offerings
CHEM 515 Industrial and Environmental Chemistry	Not regularly offered	All offerings
CHEM 520 Adv. Methodology for Secondary Chem. Teachers	Fall (as required)	Fall of odd years
CHEM 525 Modern Chemistry for Educators I	Not regularly offered	All offerings
CHEM 526 Modern Chemistry for Educators II	Not regularly offered	All offerings
CHEM 530 Introduction to Scientific Writing for Chemists	Winter	All offerings
CHEM 533 Inorganic-Organic Synthesis Laboratory	Fall of odd years	
CHEM 551 Macromolecular Biochemistry	Not regularly offered	All offerings
CHEM 552 Biochemistry Laboratory	Fall, Winter	Winter of odd years
CHEM 554 Protein Structure and Function	Not regularly offered	All offerings
CHEM 555 Neurochemistry	Fall	
CHEM 556 Cell Signaling and Disease	Winter of even years	All offerings
CHEM 557 Medicinal Chemistry and Drug Design	Winter of odd years	All offerings
CHEM 558 Chemical Biology	Not regularly offered	All offerings
CHEM 561 Quantum Chemistry and Spectroscopy	Not regularly offered	All offerings

CHEM 562 Statistical Mechanics and Chemical Kinetics	Fall of even years	All offerings
CHEM 563 Physical Chemistry Laboratory	Winter	Winter of even years
CHEM 564 Physical-Chemical Characterization of Polymers	Not regularly offered	All offerings
CHEM 565 Nuclear Chemistry	Not regularly offered	All offerings
CHEM 571 Advanced Organic Chemistry	Fall of even years	All offerings
CHEM 572 Spectroscopic Identification of Org. Compounds	Fall of odd years	All offerings
CHEM 574 Advanced Organic Topics	Not regularly offered	All offerings
CHEM 581 Advanced Analytical Chemistry	Winter of even years	All offerings
CHEM 610 Information Retrieval in Chemistry	Fall	All offerings
CHEM 620 Chemical Safety in the Research Environment	Fall	All offerings
CHEM 632 Structural Inorganic Chemistry	Fall of odd years	All offerings
CHEM 665 Physical Chemistry of Polymers	Winter of even years	All offerings
CHEM 675 Advanced Organic Polymer Chemistry	Winter of odd years	All offerings
CHEM 690 Directed Readings and Thesis Proposal	Summer	
CHEM 693 Seminar in Chemistry	Winter	
CHEM 697/8/9 Research in Chemistry	Fall, Winter, Summer 2 and 3	
FERM 101 Introduction to Fermentation Science	Fall	
FERM 385 Instrumental Analysis of Fermented Products	Fall (CHEM 383W may be substituted)	
FERM 421 Sensory Analysis of Fermented Products	Winter of odd years	Winter of odd years