



Department of
Chemistry and Biochemistry

UNIVERSITY OF COLORADO COLORADO SPRINGS

Upper Division Chemistry and Biochemistry Elective Courses

Course offerings may vary based on faculty availability

Fall Courses

Environmental Chemistry (4521/5521) (online)

Nanoscience & Nanotechnology (4601/5601) (Even years only '26, '28)

Computational Chemistry (4631/5631) (Odd years only '27, '29)

Bioinformatics (4731) (Online)

Biochemistry of Human Health & Development (4751)

Biochemistry of Drugs (4721) (Even years only '26, '28)

Advanced Biochemistry Lab (4232) (elective for BA option)

Spring Courses

Heterocyclic Chemistry (4421/5421) (Even years only '26, '28)

Mass Spectrometry (4501/5501) (Odd years only '27, '29)

Forensic Chemistry (4511/5511)

Molecular Photochemistry (4801/5801)

Advanced Organic Chemistry: Synthesis (5401) (Odd years only '27, '29)

Protein Structure and Dynamics (4741) (Online. Even years only '26, '28)

Advanced Biochemistry (4261) (elective for BA option)

Advanced Biochemistry Lab (4232) (elective for BA option)

Current Perspectives in Science & Medicine (4201) (Required for pre-med BA)
