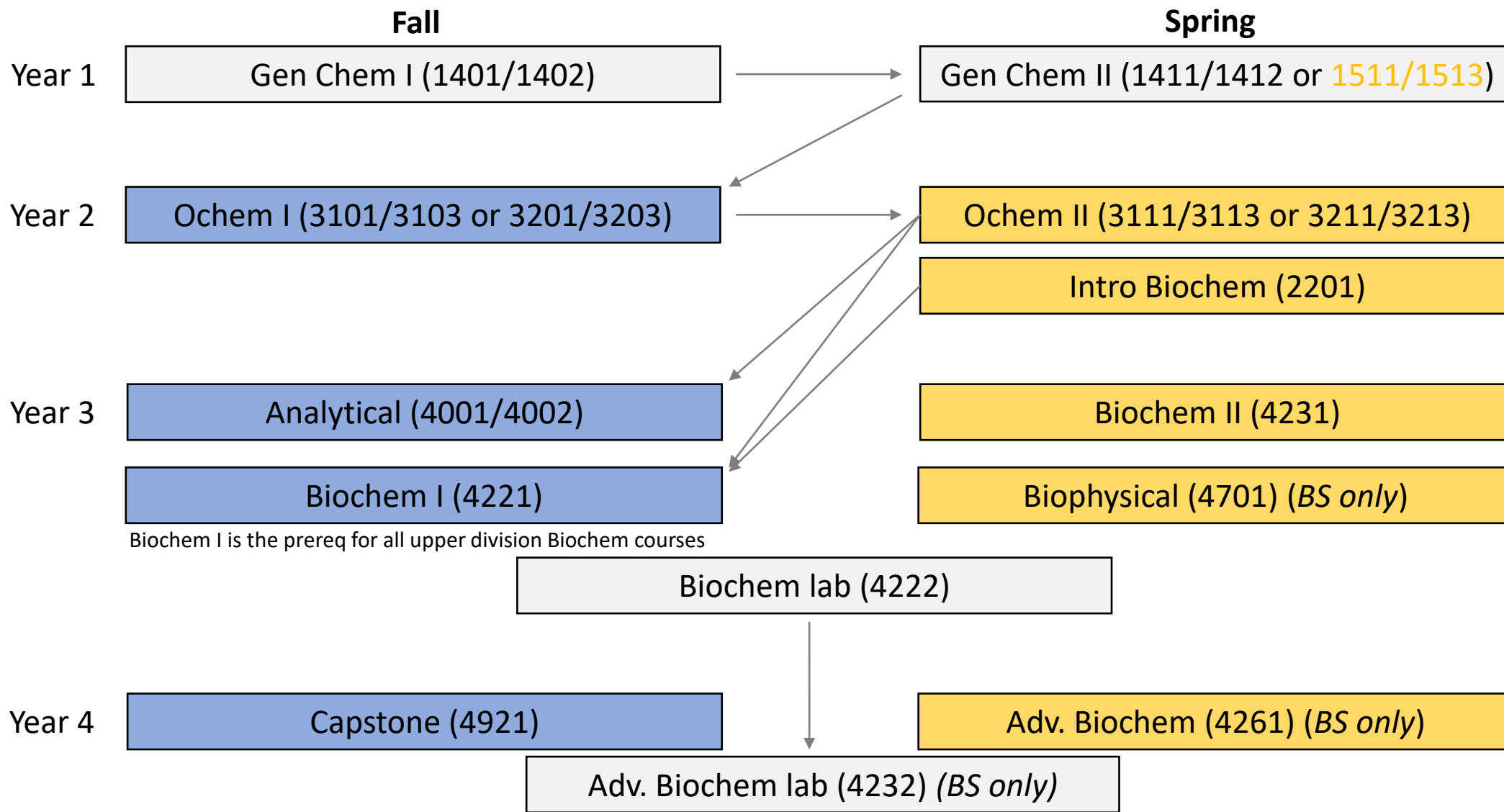


Typical 4-year required core BIOCHEMISTRY class plan with prerequisites (→) for Biochemistry BA or BS
 Classes in **Blue**/**Yellow** are typically ONLY offered in **Fall**/**Spring**



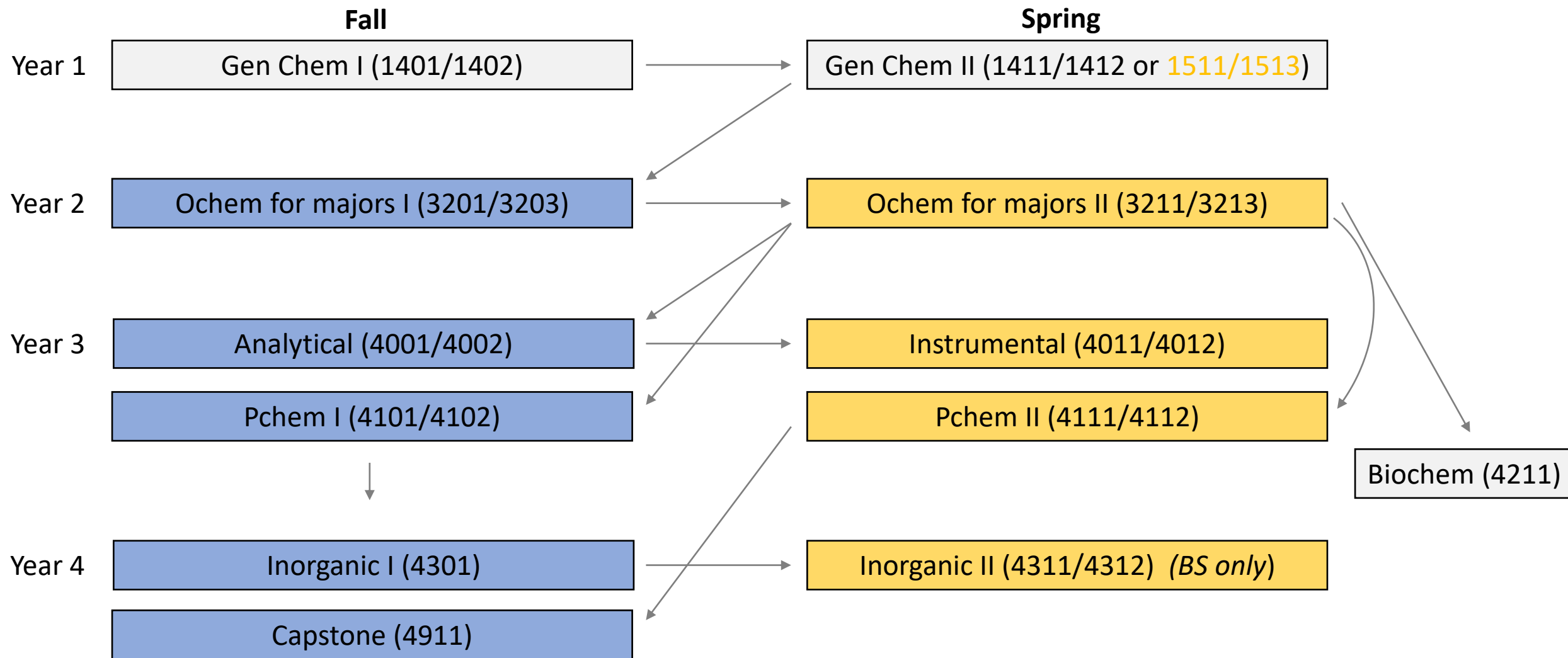
Biochemistry Major FAQs

1. Which organic chemistry class should I take? *For lecture, you may take the 3101+3111 sequence or the 3201+3211 (chem majors) sequence. For lab you may take 3103+3113 (designed for Biochem majors) or 3202+3213 (chem majors).*
2. I am a transfer student that has already taken Ochem II. Do I need to take CHEM 2201? *No. Transfer students can have CHEM 2201 waived and instead take extra 3 credits of upper division CHEM electives. Transfer students can be admitted into Biochem I without meeting the CHEM 2201 prereq. Contact the Chair, Dr. Dave Anderson to get this approved.*
3. Do I have to take Gen chem II for majors (1511/1513). *No. Gen chem II for majors is optional, but highly recommended for biochemistry majors.*
4. When should I take Biochem Lab (4222)? *Any time during or after Biochem I is fine. This is typically taken either fall or spring of your 3rd year.*
5. When are biochemistry electives offered? *Abbreviated list below, or see the full schedule on our [website](https://chemistry.uccs.edu/resources/current-students). Offerings may vary based on faculty availability. (<https://chemistry.uccs.edu/resources/current-students>)*

Typical Biochemistry Electives Offered

Fall	Spring
Bioinformatics (4731) (Online)	Current Perspectives in Science & Medicine (4201) (Required for pre-med)
Biochem. of Human Health & Development (4751)	Protein Structure and Dynamics (4741) (Online. Even years only '26, '28..)
Biochemistry of Drugs (4721) (Even years only '26, '28..)	
Environmental Chem. (4521) (Online. Not Biochem, but satisfies campus sustainability requirement)	

Typical 4-year required core CHEMISTRY class plan with prerequisites (→) for Chemistry BA (general) or BS
Classes in **Blue**/**Yellow** are typically ONLY offered in **Fall**/**Spring**



Chemistry Major FAQs

1. Can I take Pchem II before I take Pchem I? *Yes! But be aware that Pchem I is a prerequisite for Inorganic I, both of which are only offered in the fall semester.*
2. I am a transfer student that has already taken Ochem. Do I need to retake Ochem for majors at UCCS? *You will likely need to take Ochem for majors I & II LABS (3203 & 3213). Check with the chair (Dr. Dave Anderson) to be sure.*
3. Do I have to take Gen chem II for majors (1511/1513). *No! Gen chem II for majors is optional, but highly recommended for chemistry majors.*
4. When should I take Biochem (4211)? *Any time after Ochem II is fine. This course is typically taken in year 3 or 4.*
5. When are chemistry electives offered? *See some options below or the full schedule on our [website](https://chemistry.uccs.edu/resources/current-students) (<https://chemistry.uccs.edu/resources/current-students>)*

Typical Chemistry Electives Offered

Fall	Spring
Environmental Chemistry (4521/5521) (online)	Heterocyclic Chemistry (4421/5421)*
Nanoscience & Nanotechnology (4601/5601)*	Mass Spectrometry (4501/5501)*
Computational Chemistry (4631/5631)*	Forensic Chemistry (4511/5511)
	Molecular Photochemistry (4801/5801)
	Adv Organic Chem: Synthesis (5401)*

*Courses typically offered every other year