

BS-Chemistry

Scheduling Notes

- Use this to help build your schedule and plan for future quarters.
- Please reference <https://chemistry.wvu.edu/registration-policies-procedures> for a detailed list of department policies and procedures
- Some courses require pre-application for entry
- Summer quarter courses are not guaranteed – discuss summer quarter with the appropriate department and your advisor

CHEMISTRY COURSES							
Course	Fall	Winter	Spring	Summer	Pre-reqs	MJ	Notes
161	✓	✓	✓	✓	Math 114		General Chemistry series. Summer courses include 161-162 accelerated 9 week course. 163 offered standalone 9 week course.
162	✓	✓	✓	✓	161		
163	✓	✓	✓	✓	162		
333	✓	✓	✓		163	MJ1	Analytical Chemistry – Lab course
351	✓	✓	✓	✓	163	WLR	Organic Chemistry lecture courses. CHEM 351-352 offered summer as accelerated course. CHEM 352 must be taken before or with CHEM 354. <i>May enroll in 351-352, 354 over summer quarter</i>
352	✓	✓	✓	✓	351	WLR	
353	✓	✓	✓		352	WLR	
354		✓	✓	✓	352 or concur.	MJ1	Organic Chemistry Lab I
355	✓		✓		353 or concur., 354	MJ1	Organic Chemistry Lab II – WP1
461	✓				PHYS 163, MATH 224	MJ2	Physical Chemistry lecture series. Series only begins in fall quarter – students must complete physics with calculus series and math 224 prior to enrolling in 461. Must complete junior year if taking GRE senior year
462		✓			CHEM 461	MJ2	
463			✓		CHEM 462	MJ2	
441		✓			CHEM 462 or concur	MJ2	Advanced inorganic
434	✓				CHEM 461 or concur.	MJ2	Instrumental Analysis lecture - *Take concurrently with 436
436	✓				CHEM 333, 461 or concur	MJ2	Instrumental analysis lab - *Take concurrently with 434
464		✓			CHEM 333, 461, 441 or concur.	MJ2	Physical Chemistry Lab I – WP1
465			✓		CHEM 464	MJ2	Physical Chemistry Lab II

MATH COURSES							
Course	Fall	Winter	Spring	Summer	Pre-reqs	Notes	
124	✓	✓	✓	✓	MATH 124	Calculus series – MATH 124 and 1245 can be substituted by MATH 138 (accelerated calculus)	
125	✓	✓	✓	✓	MATH 125		
224	✓	✓	✓	✓	MATH 224		
204	✓	✓	✓	✓	MATH 124	Linear Algebra – Recommended before CHEM 461 if possible, not required.	

PHYSICS COURSES							
Course	Fall	Winter	Spring	Summer	Pre-reqs	Notes	
161	✓	✓		✓	MATH 124	Physics with calculus series. – PHYS 161 and PHYS 162 offered back to back over summer as accelerated 9 week course PHYS 163 is offered over summer as a 9 week course	
162		✓	✓	✓	MATH 125, PHYS 161		
163	✓		✓	✓	PHYS 162		

MJ Column KEY:

MJ1 = Restricted to chemistry and biochemistry students declared into **Phase I** or **Phase II**

MJ2 - Phase II = Restricted to biochemistry students declared into Phase II only

WLR = Waitlist will be reprioritized to put biochemistry Phase I and Phase II students at top of waitlist