

BS-Biochemistry Scheduling Notes

- Use this to help build your schedule and plan for future quarters.
- Please reference <https://cse.wvu.edu/chemistry/registration-policies-and-procedures> for a detailed list of department policies & 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
471	✓	✓		✓	353 or concur., BIOL 205	MJ2*	Biochemistry lecture courses. Suggested completion of CHEM 353 and CHEM 333 before beginning CHEM 471. CHEM 353 is a prerequisite or corequisite for 471. 471 occasionally offered over summer without major restriction *CHEM 471 access request available online for non-Phase II biochemistry majors who need the course for their major/pre-med track
472		✓	✓		471	MJ2	
473			✓		471, BIOL 321 or 323	MJ2	
474	✓				471, 354 or BIOL 324	MJ2	Biochemistry lab course – WP2
466	✓				PHYS 163 MATH 224	MJ2	Biophysical Chemistry Sequence – Physics with calculus sequence and MATH 224 must be completed prior to beginning biophysical sequence. Sequence begins in fall and only offered once per year 468 – WP1
467		✓			CHEM 466	MJ2	
468			✓		CHEM 467	MJ2	

BIOLOGY COURSES							
Course	Fall	Winter	Spring	Summer	Pre-reqs	MJ	Notes
204	✓	✓	✓		CHEM 161 or concur.		General Biology series. Only 204 and 205 required for major. *206 not required for biochemistry major. Often required for pre-health tracks
205	✓	✓	✓		CHEM 162 or concur.		
206*	✓	✓	✓		CHEM 163 or concur.		
321	✓	✓	✓	✓	BIOL 205	MJ2	Genetics – Biochem majors only need to take up to BIOL 205 Only Phase II Biochemistry majors are included in BIOL major restriction
323	✓	✓	✓	✓	CHEM 352 or concur.	MJ2	Cell and Molecular Biology - Biochem majors only need to take up to BIOL 205 Only Phase II Biochemistry majors are included in BIOL major restriction
324	✓	✓	✓	✓	BIOL 321 or 323	MJ2	Methods in Molecular Biology w/lab - Biochem majors only need to take up to BIOL 205 Only Phase II Biochemistry majors are included in BIOL major restriction

MATH COURSES							
Course	Fall	Winter	Spring	Summer	Pre-reqs		Notes
124	✓	✓	✓	✓	MATH 124		Calculus series – MATH 124 and 125 can be substituted by MATH 138 (accelerated calculus)
125	✓	✓	✓	✓	MATH 125		
224	✓	✓	✓	✓	MATH 224		

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 standalone 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