

BA-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 chemistry |
| 434 | ✓ | | | | CHEM 333, 461 or concur | MJ2 | Instrumental Analysis lecture - *Take concurrently with 436 |
| 436 | ✓ | | | | CHEM 434 or concur. | MJ2 | Instrumental analysis lab - *Take concurrently with 434 |

| 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 | | |

| 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