**Info for Entering Majors**

**Major Declaration**

- Students interested in declaring a major in the Chemistry Department visit the department website and schedule an appointment with the Program Coordinator.

- The recommended schedule is ideal but not always realistic. You will not always be able to gain entry to required courses in the timeline you desire. For this reason, it is beneficial to save one or two GUR courses to fill in those gaps.

- Students declared as Phase I Pre-Majors will receive waitlist priority in required chemistry courses.

- Once you are a Phase II Major, you are guaranteed a seat in Phase II restricted chemistry courses.

- Following your study plan is critical to degree completion. Use your faculty advisor as a resource for academic and post-baccalaureate planning.

- 50% or major applicable course work must be completed at WWU.

- You must have 60 upper division credits to graduate.

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**General Chemistry (CHEM 161-163):** Available F/W/S and as an accelerated sequence in summer. Prerequisite: MATH 114 with "C-" or better, or a suitable ALEKS assessment score. See the Testing Center and Math Department websites for more information.

**Calculus Sequence (MATH 124/125/224):** If you are not cleared to begin work on calculus, it is vital to catch up in math as soon as possible to avoid delays in applying to Phase II of the major. See the Math Department catalog pages for more details on math course sequences.

**ENG 101 – WWU requires completion in the first year of enrollment, if not satisfied by transfer credit. Additionally, this is a pre-health requirement for most post-secondary professional institutions. Students interested in Biochemistry should begin the Intro. BIOL series.**

**Organic Lecture Sequence (CHEM 351-353):** Begin sequence in fall to stay on track for Phase II application and graduation.

**Organic Laboratory Sequence (CHEM 354-355/356):** Chemistry majors will take both CHEM 354 and CHEM 355. Biochemistry students are only required to complete CHEM 354. Pre-health students will need to opt into CHEM 356 if they are not Chemistry majors.

**Physics Lecture/Laboratory with Calculus Sequence (PHYS 161-163):** Chemistry majors should complete the physics sequence concurrently with organic chemistry to prepare for CHEM 461 during their first fall of Phase II. Biochemistry majors may opt to push physics to their first year of Phase II, this is ill advised. Additionally, MATH 224 is a pre-req to CHEM 461 for chemists and CHEM 466 for biochemists.

**Analytical Chemistry (CHEM 333):** Should be taken the second fall of major coursework. Concurrently with CHEM 351 and PHYS 161. This course is offered in both fall and winter if students are not able to gain a seat in the recommended quarter. Chemists must complete Analytical Chemistry prior to enrolling in Instrumental Lecture and Lab (CHEM 434/436) in their final fall of the major.

**If you are entering the major with Phase I courses complete, it is necessary to meet with the Chemistry Department Program Coordinator and develop a plan for degree completion. It is not possible to complete Phase II of a Bachelor of Science degree in any less than two years. Regardless of course completion or credits achieved.**