

Pre-Dentistry



University of Wyoming

GENERAL INFORMATION:

- Preprofessional coursework does not constitute a major. Preprofessional coursework is completed in addition to that of a declared major in order to enhance the likelihood of acceptance to a professional school and success in a professional degree program.
- Be aware that, for some degrees, it may take more than four years to graduate with a bachelor's degree while incorporating preprofessional coursework.
- Students starting in MATH 1400, 1405, or 1450 can complete this plan in four years, with modest modifications. Students starting below MATH 1400 should plan on at least an additional year prior to applying to dental schools.
- It takes more than a year to apply to dental school. In order to go directly from an undergraduate degree program to professional school, students must develop a competitive resume and largely complete their prerequisite coursework by the end of their junior year.
- The prerequisite coursework listed below is for general guidance *only*. Specific programs may have additional requirements. Students should carefully research a variety of realistic potential programs to make sure they are meeting both the academic *and* non-academic expectations and requirements of the program.
- Begin working with the Preprofessional Health Advising Office *as soon as possible* to determine a realistic path to professional school. Contact information and an appointment link can be found at uwyo.edu/preprof. For students not in Laramie, phone appointments are welcome.

Freshman Fall Semester

Hrs Min Grade Notes

| | | | | | |
|------|------|------------------------|---|---|----|
| | | USP First-Year Seminar | 3 | C | FY |
| CHEM | 1020 | General Chemistry I * | 4 | | PN |
| LIFE | 1010 | General Biology ** | 4 | | PN |
| MATH | 2200 | Calculus I *** | 4 | | Q |

Credit hours subtotal: 15

- Contact your preprofessional advisor and arrange your initial meeting with him or her.
- Get involved: volunteer and seek out leadership opportunities.

Winter Break

- Job shadow and/or volunteer in your home community.
- Explore and apply for summer enrichment opportunities.

Freshman Spring Semester

Hrs Min Grade Notes

| | | | | | |
|------|------|----------------------------------|---|---|--|
| CHEM | 1030 | General Chemistry II | 4 | | |
| ENGL | 1010 | College Composition and Rhetoric | 3 | C | C1 |
| MICR | 2021 | General Microbiology | 4 | | Cross listed with MOLB 2021. |
| STAT | 2050 | Fundamentals of Statistics | 4 | | Can substitute STAT 2070 (Intro Statistics for Social Sciences). |

Credit hours subtotal: 15

- Meet with your preprofessional advisor.
- Continue involvement: volunteer and seek out leadership opportunities.

Summer Break

- Engage in activities that make you a stronger candidate, such as job shadowing, working in a health care setting, research, and community service.
- If you are working, consider positions that develop your leadership skills and your abilities to work with a wide variety of people in your community.

Sophomore Fall Semester

Hrs Min Grade Notes

| | | | | | |
|------|------|---------------------|---|--|---|
| CHEM | 2420 | Organic Chemistry I | 4 | | |
| PSYC | 1000 | General Psychology | 3 | | H |
| ZOO | 2040 | Human Anatomy | 3 | | Cross listed with KIN 2040; must take concurrently with KIN/ZOO 2041. |
| ZOO | 2041 | Human Anatomy Lab | 1 | | Cross listed with KIN 2041; must take concurrently with KIN/ZOO 2040. |
| | | Major Course | 3 | | |

Credit hours subtotal: 14

- Meet with your preprofessional advisor.
- Continue involvement through community service, career exploration, and leadership opportunities.
- Explore or begin research opportunities.

Winter Break

- Job shadow and/or volunteer in your home community.
- Explore and apply for summer enrichment opportunities.

Sophomore Spring Semester

Hrs Min Grade Notes

| | | | | | |
|------|------|--------------------------|---|---|----|
| | | USP Communication 2 | 3 | C | C2 |
| CHEM | 2440 | Organic Chemistry II | 4 | | |
| ZOO | 3115 | Human Systems Physiology | 4 | | |
| | | Major Course | 3 | | |

Credit hours subtotal: 14

- Meet with your preprofessional advisor.
- Continue involvement through community service, career exploration, and leadership opportunities.
- Explore or begin research opportunities.

Summer Break

- Engage in activities that make you a stronger candidate, such as job shadowing, working in a health care setting, research, and community service.
- If you are working, consider positions that develop your leadership skills and your abilities to work with a wide variety of people in your community.

Pre-Dentistry



University of Wyoming

Junior Fall Semester

| | Hrs | Min Grade | Notes |
|--------------------------------------|-----|-----------|-------|
| USP US & Wyoming Constitutions | 3 | V | |
| MOLB 3610 Principles of Biochemistry | 4 | | |
| PHYS 1110 General Physics I | 4 | | |
| Major Courses | 6 | | |

Credit hours subtotal: 17

- Engage in self-assessment to determine if it is realistic to apply to a dental school next spring/summer. Only apply when you are a solid candidate!
- Continue involvement in community service, career exploration, research, and leadership opportunities.

Winter Break

- Job shadow and/or volunteer in your home community.
- Explore and apply for summer enrichment opportunities.
- Prepare for the Dental Admission Test (DAT) and explore potential dental schools to which to apply.

Junior Spring Semester

| | Hrs | Min Grade | Notes |
|------------------------------|-----|-----------|-------|
| USP Human Culture | 3 | H | |
| PHYS 1120 General Physics II | 4 | | |
| Additional Science Course | 3 | | |
| Major Course | 3 | | |

Credit hours subtotal: 13

- If applying to dental school, continued DAT preparation and other steps towards application. Keep academic course load light to accommodate DAT preparation.
- Continue involvement in community service, career exploration, research, and leadership opportunities.

Summer Break

- Take the DAT late spring/early summer.
- Begin filling out the Associated American Dental Schools Application Service (AADSAS) application as soon as available (June).
- If a Wyoming resident, apply for WICHE and WYDENT residency certification.
- Begin secondary applications.

Senior Fall Semester

| | Hrs | Min Grade | Notes |
|--|-----|-----------|-------|
| Major Course | 3 | | |
| Additional courses required by college, major(s), minor(s), USP, and/or Honors | x | | |
| Remaining prerequisite courses for potential prog | x | | |

Credit hours subtotal: Variable

- Continue with secondary applications.
- Interviews.
- Continue involvement in community service, career exploration, research, and leadership opportunities.

Winter Break

- If accepted to dental school, begin arranging for financial aid and housing and making relocation plans.
- If not accepted to dental school or if waitlisted, engage in self-evaluation to determine why and if reapplying. Meet with your preprofessional advisor during this process.
- If reapplying to dental school, determine a realistic timeline to do so. This may mean spending a year or more to improve your application before reapplying.

Senior Spring Semester

| | Hrs | Min Grade | Notes |
|--|-----|-----------|-------|
| USP Communication 3 | 3 | C C3 | |
| Additional courses required by college, major(s), minor(s), USP, and/or Honors | x | | |
| Remaining prerequisite courses for potential prog | x | | |

Credit hours subtotal: Variable

TOTAL CREDIT HOURS: Variable depending upon selected major

- Continue with interviews.
- Follow up with schools where you interviewed, but have not received a final decision.
- Continue involvement in community service, career exploration, research, and leadership opportunities.

Post Graduation

- If accepted to dental school, complete all paperwork necessary for admission and financial aid. Relocate to where you will be studying.
- If not admitted to dental school, follow parallel plans outside of dentistry or take steps necessary to become a viable reapplicant.

Notes

* Requires MATH ACT ≥ 23 , MATH SAT ≥ 600 , or Math Placement Exam ≥ 3 , or concurrent enrollment in MATH 1400, 1405 or 1450. (University standard)

** Requires MATH ACT ≥ 21 , MATH SAT ≥ 600 , Math Placement Exam ≥ 2 , or $\geq C$ in MATH 0921. (University standard)

*** Requires MATH ACT ≥ 27 , MATH SAT ≥ 600 , Math Placement Exam ≥ 5 , or $\geq C$ in MATH 1405 or 1450. (University standard)

• A minimum grade of C is required for the USP First-Year Seminar, USP Communication 1, USP Communication 2, and USP Communication 3 requirements. Other minimum grade requirements will be determined by the academic major a student pursues.