

WSU PRE-PHARMACY PLAN (2016-17)

(Students will take Anatomy/Physiology as well as the Organic Chemistry series at WSU)

Name _____ SID _____ Date _____ Counselor _____

¹When examples (EX) are used, students may choose **ANY COURSE** from that area of **AA-DTA WORKSHEET**. See entire selection on the AA-DTA worksheet attached.

² only 5 cr. required for **“W”** (writing intensive)

³5cr of **“D”** Diversity is required. Other options are available. HIST 219 or POLS 125 both meet a Social Science requirement.

⁴Only offered this quarter, sequence must be taken in order.

With careful planning and coordination with your college Counselor, the completion of your AA-DTA, allows you to pursue your Bachelor’s Degree at a four-year college or university, having completed most if not all of the general university requirements, along with many courses toward your major

Summer _____ Fall _____ Winter _____ Spring _____

	ENGL&101*	ENGL&102 or 235*	PHIL& 120 or 110 “W”² *
	MATH 99 (if needed)	MATH& 141 (if needed)	MATH& 142 (if needed)
	BIOL&222⁴	BIOL&223⁴	BIOL&221⁴
	GUID 102 (if needed)	PE 2CR	HLTH 3CR

Summer _____ Fall _____ Winter _____ Spring _____

MATH&146	HUMANITIES GROUP A or B EX: FILM 141¹	HUMANITIES GROUP A, B, or C EX: DRAMA&101¹	HIST 219³ or POLS 125 “D”³
PSYC& 100	MATH&151	ECON& 201	BIOL&260
	CHEM&161⁴	CHEM&162⁴	CHEM&163⁴

Summer _____ Fall _____ Winter _____ Spring _____

Math Sequence: Math 99→ (then 108 - if student gets less than 3.0 in 99)

College level course: Math&141, 142, 146 and 151

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***Save writing samples for required Writing Portfolio at WSU**

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✓ Preparing to Apply

The pharmacy school application process is very competitive. Long before you begin to fill out the paperwork, you will need to work diligently to build a portfolio showcasing your academic success, personal achievements, industry experience, career goals, and your compassionate character.

GPA requirements vary from program to program. For the WSU PharmD program, the minimum GPA to apply is 2.70; however, the average GPA of admitted students is 3.45.

Pharmacy schools often look for:

- Evidence of compassion for the sick, injured, elderly, or disabled
- Personal integrity and high ethical standards
- Excellent English speaking and writing skills
- A significant number of hours working or volunteering in a pharmacy
- Experience with several areas of medicine through work or job shadowing
- Evidence of personal leadership, either with organizations or through life experiences
- Volunteer participation that involves compassion for your fellow human beings, such as coaching, teaching, working on blood drives, in a soup kitchen, at a food bank, or on charity fundraisers, and many other possibilities
- Additional language or cultural knowledge (bilingual, foreign language studies, or international experience)

📖 WSU PharmD Prerequisite Courses

These courses may be taken concurrently with classes required for your chosen major at WSU.

Biology (16)

- BIOL 106 Introductory Biology (organismal) *Biology 222*
- BIOL 107 Introductory Biology (cell biology and genetics) *Biol 221 + 223*
- BIOL 315 Gross and Microanatomy
- NEURO 425 Integrated Physiology, plus lab section 426 (alternate option BIOL 353 Advanced Human Physiology)

Chemistry* (16)

- CHEM 105 Principles of Chemistry I *chem 141 + 142*
- CHEM 106 Principles of Chemistry II *chem 143*
- CHEM 345 Organic Chemistry I
- CHEM 348 Organic Chemistry II

Economic Sciences* (3)

- ECON 101 Fundamentals of Microeconomics *Econ 201*

Logic, Critical Thinking, Ethics (3) *Phil 120 or 110*

- PHIL 103, 201 or 365

Mathematics* (8)

- MATH 140 Calculus for Life Scientists *- Math 151*
(alternate options MATH 171 Calculus I or MATH 202 Calculus for Business and Economics)
- MATH 212 Introduction to Statistical Methods *math 146*
(alternate options PSYCH 311 or MGTOP 215)

Molecular Biosciences (10)

- MBIOS303 Introductory Biochemistry
- MBIOS304 Microbiology and Molecular Biology Laboratory
- MBIOS305 General Microbiology

Psychology (3)

- PSYCH 105 Introductory Psychology *Psyc 100*

Written Communication (6)

- ENGL 101, plus either ENGL 201, 301, 302 or 402

Additional courses required by other pharmacy schools

- BIOL/MBIOS301 General Genetics
- MBIOS401 Cell Biology
- COM 102 Communication in an Information Society *- CM&T 220*
- PHYS 101 General Physics

* Students must meet WSU math standards to enroll.

Health Professions Student Center



healthprofessions.wsu.edu



502 Center for Undergraduate Education (CUE)



509-335-4549



health.professions@wsu.edu

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The Pre-Pharmacy Curriculum

healthprofessions.wsu.edu

Smith Center for Undergraduate Education (CUE) 502

509-335-4549

Director and Clinical Assistant Professor, Donald Allison, PhD, PA-C

All pre-pharmacy students are assisted with their preparation for application to pharmacy schools through the Health Professions Student Center (HPSC). health.professions@wsu.edu.

Students interested in entering a professional Doctor of Pharmacy (PharmD) program at schools and colleges across the country must meet the requirements for admission. The requirements for admission to the WSU PharmD program are listed in the WSU Spokane catalog under Pharmacy. A bachelor's degree is not required for admission to most colleges of pharmacy and pre-pharmacy students at the WSU Pullman campus typically take 3 years fulfilling their pre-pharmacy requirements. Then, if admitted to the highly competitive WSU PharmD program, the student will spend 4 years in professional school, regardless of prior degrees.

Additional information on preparation for admission to pharmacy schools can be obtained from the pre-pharmacy Health Professions Specialist, Marian McDonnell Horton, M.A., Health Professions Student Center, Washington State University, 502 Smith Center for Undergraduate Education, Pullman, WA 99164-4551.