

Dept. of Physical Sciences & Math - Chemistry: Biochemistry, BS

	FIRST YEAR	MIDDLE YEARS	LAST YEAR	
A ACADEMIC MASTERY	- Begin major coursework by enrolling in introductory Biology, Chemistry, and Math courses (BIO 124/125, BIO 208, CHEM 110/111, CHEM 112/113, MATH 145 or MATH 210) - Develop relationship with faculty advisor and review academic requirements - Map out full degree course plan	- Continue major coursework by enrolling in 300-level CHEM/BIO courses, MATH 211, and PHYS 101/110 and PHYS 102/111 - Participate in research and learn important laboratory skills - Enroll in Kaplan Test Prep course (BIO413) if standardized testing is required for further education program - Sign up for appropriate standardized professional or graduate school admissions exams (DAT, MCAT, GRE) - Apply to become a peer mentor and/or tutor	- Enroll in 300/400-level CHEM/BIO/MATH electives for advanced specialization - Work with an advisor to ensure you have no outstanding course requirements - Attend and/or present a poster or abstract at a professional conference or symposium - Complete your senior capstone - Apply to graduate	FURTHER EDUCATION MEDICAL SCHOOL DENTAL SCHOOL PHARMACY SCHOOL PA SCHOOL MLS/CLS PROGRAMS VETERINARY SCHOOL PUBLIC HEALTH PROGRAMS MA/MS/ PHD PROGRAM INDUSTRIES EDUCATIONAL INSTITUTES GOVERNMENT HEALTHCARE PHARMACEUTICALS BIOTECHNOLOGY CAREER OPTIONS PHARMACEUTICAL SCIENTIST HEALTHCARE PROFESSIONAL REGULATORY/ QUALITY ASSURANCE SPECIALIST CLINICAL & MOLECULAR LABORATORY SCIENTIST BIOMEDICAL RESEARCH SCIENTIST PUBLIC HEALTH ADVISOR EDUCATOR
S SELF-DISCOVERY & STRENGTHS	- Strength's exploration and assessment - Major and career exploration workshops - Reflection assignments – personal mission/goals, professional mission/goals exploration	- Attend graduate fairs, explore <u>graduate education</u> - Explore professional fields that align with strengths, explore internship opportunities - Apply for/attend <u>Study Abroad</u>	- Professionally focused experiential learning /internships - Explore job search process for selected field - Initiate job search	
PI PROFESSIONAL PREPARATION INTEGRATIVE & EXPERIENTIAL LEARNING	- Create initial resume/CV and Linked In profile - Consider applying for a federal work-study job on campus - Explore internships and career pathways through campus events - Attend <u>study abroad</u> or experiential learning info sessions	- Meet with visiting professional school admissions representatives on-campus - Gather information about professional program application requirements - Complete shadowing hours with health professionals - Ask faculty for letters of recommendation - Attend a regional professional meeting and practice networking skills	- Complete an advanced internship, clinical placement, or field experience. - Apply for full-time jobs, <u>graduate programs</u>, or fellowships. - Participate in on-campus recruiting and employer interviews.	
RE RELATIONSHIPS & LEADERSHIP ENGAGEMENT & WELL-BEING	- Join at least one <u>student organization, club, or campus initiative</u> - Attend campus events to build peer and faculty connections - Participate in <u>Topper Fest</u> or first-year leadership programs - Learn about <u>wellness, counseling, and support resources</u> - Attend time management and study skills workshops	- Hold a leadership role in a <u>student organization</u>. - Serve as a peer mentor, tutor, or orientation leader. - Participate in alumni networking or mentorship programs. - Utilize <u>wellness resources</u> to maintain mental and physical health. - Schedule informational interviews with industry leaders or graduate admissions personnel	- Mentor younger students within the major or organization. - Expand professional networks through <u>alumni</u> and industry connections. - Serve on student advisory boards or institutional committees. - Schedule mock interviews for professional school or graduate school - Update your CV to best communicate your education and experiences to future educators and employers	

