

## SAMPLE STATEMENT OF PURPOSE: Chemistry

Ever since my days in secondary school at XXXX in XXXX, I have dreamed of being a scientist. My mother nurtured my interest in natural phenomena and my inquisitive nature by encouraging me to participate in science fairs, where I excelled and represented my school in state and national competitions. All of my winning science fair projects involved some aspect of chemistry or biology.

Seeing my aptitude for these subjects, my teachers at XXXX University, where I studied biology, physics, chemistry and mathematics, urged me to think about a career in the sciences. Soon I was firmly set on that career path.

In 2003, I decided to take the statewide medical entrance exam. I did well, confirming my hope that I would have the aptitude as well as the passion for the field. I am proud that I ranked among the top 10% of students, which enabled me to choose Pharmaceutical Sciences as my major and pursue a four year bachelor's program starting that year at the College of Pharmacy affiliated with XXX University, in XXXX, India, one of my country's most prestigious educational institutions.

The years spent pursuing my undergraduate studies were the most pivotal period of my life and significantly shaped my career path. The rigorous curriculum at XXXX exposed me to a wide range of subjects, including organic chemistry, inorganic chemistry, medicinal chemistry, analytical chemistry, biochemistry, microbiology, pharmacology, physical chemistry, biopharmaceutics and pharmacokinetics. I also learned to apply theoretical concepts to practical problems and develop concrete solutions. *<INCLUDE AT LEAST ONE DETAILED EXAMPLE OF THE WORK/RESEARCH YOU DID.>*

My studies also inspired my interest in emerging fields such as developing organic and biochemical agents to target diseased cells, proteomics and computational sciences involving molecular modeling studies. All of these areas represent fruitful opportunities for future research and prompted me to choose Chemical Sciences as my major.

My future career goal is to join a dedicated research team at a premier university where I can earn credibility, not just credentials. I aim to be a pioneer in developing new technologies that will benefit society. I applied to XXXX University because of your excellent faculty including <NAMES OF PROFESSORS>, a reputation for close student-professor interaction, impressive research facilities and rigorous curriculum. I hope your admissions committee will look favorably on my application. I am a disciplined student and team player who is passionate about the field and has the will to succeed, excel and make XXXX University proud.