

**Degree Plan for Chemistry (B.A.) 3+2 Pre-Engineering leading to
BS in Chemical Engineering or BS in Biomedical Engineering
at Washington University (WU)**

	Fall	Spring
First Year		
UNV101: University Seminar I (3 credits) & FYT100: First Year Transitions (1 credit)	X	
CHM113: General Chemistry I & Lab (4 credits)	X	
MTH195: Calculus I (4 credits)	X	
Foreign Language (one course each semester) (3 credits)	X	X
Art Core Course (3 credits)	X	
UNV102: University Seminar II (3 credits)		X
CHM114: General Chemistry II & Lab (4 credits)		X
MTH196: Calculus II (4 credits)		X
History Core Course (3 credits)		X
Second Year		
PHY205: Principles of Physics I & Lab (4 credits)	X	
MTH203: Calculus III (3 credits)	X	
CHM205: Organic Chemistry I & Lab (4 credits)	X	
CHM301: Analytical Chemistry (4 credits)	X	
PHY206: Principles of Physics II & Lab (4 credits)		X
CHM206: Organic Chemistry II & Lab (4 credits)		X
CSC203: Introduction to Scientific Programming (3 credits)		X
CHM408: Inorganic Chemistry (4 credits)		X
Third Year		
CHM305: Physical Chemistry I (3 credits)	X	
MTH211: Linear Algebra (3 credits)	X	
BIO111: General Biology I (4 credits)	X	
RTS225: Quest for the Ultimate (3 credits)	X	
PHL225: Quest for the Good Life (3 credits)	X	
CHM310: Environmental Chemistry (4 credits)		X
MTH213: Differential Equations (3 credits)		X
BIO112: General Biology II (4 credits)		X
Religion Core Course (3 credits)		X
Philosophy Core Course (3 credits)		X
Fourth and Fifth Year at Washington University		