



NAME & DATE \_\_\_\_\_

- I. Complete all Institutional Graduation Requirements (including University Writing Requirement, Diversity Requirement, General Education Requirement, etc) as provided at: <http://www.eou.edu/registrar/> [Student Resources, Forms]
- II. Program Requirements: 102-111 graded credit hours as listed below with minimum "C-" or better & minimum 2.00 GPA overall.

**CHEMISTRY-BIOCHEMISTRY REQUIRED CORE COURSES:**

Course #	GEC	COURSE TITLE	Term	Grade
CHEM 204 + L	SMI	General Chemistry (5)	_____ / _____	
CHEM 205 + L	SMI	General Chemistry (5)	_____ / _____	
CHEM 206 + L	SMI	General Chemistry (5)	_____ / _____	
CHEM 285		Chemical Safety (1)	_____ / _____	
CHEM 320	UWR	Analytical Chemistry (3)	_____ / _____	
CHEM 321		Analytical Chem. Lab (2)	_____ / _____	
CHEM 334		Organic Chemistry I (4)	_____ / _____	
CHEM 335		Organic Chemistry II (4)	_____ / _____	
CHEM 336		Organic Chemistry III (4)	_____ / _____	
CHEM 338		Organic Chem. Lab I (1)	_____ / _____	
CHEM 339		Organic Chem. Lab II (1)	_____ / _____	
CHEM 340		Physical Chemistry (4)	_____ / _____	
CHEM 401		Research (Capstone) (1)	_____ / _____	
CHEM 407	UWR	Seminar (Capstone) (1)	_____ / _____	
CHEM 407	UWR	Seminar (Capstone) (1)	_____ / _____	
CHEM 407	UWR	Seminar (Capstone) (1)	_____ / _____	
CHEM 421		Instrumental Analysis (3)	_____ / _____	
CHEM 422		Instrum. Analysis Lab (2)	_____ / _____	
<b>TOTAL CHEMISTRY-BIOCHEMISTRY: 48</b>				

**MATHEMATICS & PHYSICS REQUIRED COURSES:**

Course #	GEC	COURSE TITLE	Term	Grade
MATH 251	SMI	Calculus I (4)	_____ / _____	
MATH 252	SMI	Calculus II (4)	_____ / _____	
PHYS 201+ L	SMI	General Physics (4)	_____ / _____	
PHYS 202 + L	SMI	General Physics (4)	_____ / _____	
PHYS 203 + L	SMI	General Physics (4)	_____ / _____	
<b>TOTAL MATH &amp; PHYSICS: 20</b>				

**CHEMISTRY PATHWAY REQUIRED COURSES**

Course #	GEC	COURSE TITLE	Term	Grade
CHEM 360		Environmental Chem. (4)	_____ / _____	
CHEM 361		Environ. Chem. Lab (1)	_____ / _____	
CHEM 411		Inorganic Chemistry (4)	_____ / _____	
CHEM 437		Organic Spectroscopy (2)	_____ / _____	

**CHEMISTRY PATHWAY REQUIRED COURSES** continued:

Course #	GEC	COURSE TITLE	Term	Grade
MATH 253	SMI	Calculus III (4)	_____ / _____	
CS 161		Found. Comp. Sci. I (4)	_____ / _____	
<b>Choose FOUR courses from the following:</b>				
MATH 321		Differential Equations (4)	_____ / _____	
MATH 341		Linear Algebra (4)	_____ / _____	
MATH 358		Numerical Analysis (3)	_____ / _____	
STAT 327	SMI	Stats. & Exper. Design (5)	_____ / _____	
STAT 352		Statistics (4)	_____ / _____	
CHEM 450		Structural Biochemistry (4)	_____ / _____	
CHEM 451		Metabolic Biochemistry (4)	_____ / _____	

**TOTAL FOR PATHWAY: 34-36**

**BIOCHEMISTRY PATHWAY REQUIRED COURSES**

Course #	GEC	COURSE TITLE	Term	Grade
BIOL 211& 211L	SMI	Princ of Bio + Lab (4+1)	_____ / _____	
BIOL 212&212L	SMI	Princ of Bio + Lab (4+1)	_____ / _____	
BIOL 213&213L	SMI	Princ of Bio + Lab (4+1)	_____ / _____	
BIOL 341 + L		Genetics (4)	_____ / _____	
BIOL 342 + L		Genetics (4)	_____ / _____	
BIOL 431		Cell Struct. and Funct. (5)	_____ / _____	
CHEM 450		Structural Biochemistry (4)	_____ / _____	
CHEM 451		Metabolic Biochemistry (4)	_____ / _____	
CHEM 454		Biochemistry Lab. (2)	_____ / _____	

**Choose ONE course from the following:**

BIOL 323 + L		General Microbiology (5)	_____ / _____	
BIOL 345		Molecular Biology (3)	_____ / _____	
BIOL 432 + L	UWR	Animal Physiology (5)	_____ / _____	
BIOL 433 + L		Plant Physiology (5)	_____ / _____	
CHEM 411		Inorganic Chemistry (4)	_____ / _____	
CHEM 437		Organic Spectroscopy (2)	_____ / _____	

**TOTAL FOR PATHWAY: 40-43**

**Pre-Health Profession recommendations on second page.**

**PRE-HEALTH PROFESSIONS:** These courses are NOT required for the Chemistry-Biochemistry Degree but should be taken to

prepare students on their pre-pharmacy, pre-dental, pre-veterinary, or pre-medical tracks for their entrance requirements.

Course #	GEC	COURSE TITLE	Term	Grade
SOC 204	SSC	General Sociology (5).....	/	_____.
SOC 205	SSC	Gen. Soc: Problems (5).....	/	_____.
PSY 201	SSC	General Psychology (4).....	/	_____.
PSY 202	SSC	General Psychology (4).....	/	_____.
ANTH 203	SSC	Cultural Anthropology (5).....	/	_____.
BIOL 231 + L		Human Anat. & Phys. (4).....	/	_____.
BIOL 232 + L		Human Anat. & Phys. (4).....	/	_____.
BIOL 233 + L		Human Anat. & Phys. (4).....	/	_____.
BIOL 317		Vertebrate Structure (5).....	/	_____.
BIOL 445		Immunology (3).....	/	_____.
BIOL 462		Cellular Neurobiology (3).....	/	_____.

Revised: September 2015