Course Name	Faculty Qualifications Needed	Related Disciplines	Acceptable Alternative Qualifications
CHEM 1000, 1001 Basic Chemistry and Laboratory	Master's or doctorate degree in Chemistry, or master's or doctorage	Biochemistry, Materials Science, Forensic Science, Organic Chemistry,	Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher,
	degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline).	Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist	forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry
CHEM 1030, 1031 General Chemistry for Non-Science Majors I and Laboratory	Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline).	Biochemistry, Materials Science, Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist	Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry
CHEM 1040, 1041 General Chemistry for Non-Science Majors II and Laboratory.	Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline).	Biochemistry, Materials Science, Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist	Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry
CHEM 1050 Concepts of Chemistry	Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline).	Biochemistry, Materials Science, Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist	Acceptable alternative qualifications include substantial professional or instructional experience in teaching introductory or preparatory chemistry at the college level, particularly with a focus on STEM student success. Demonstrated expertise in foundational chemistry topics—such as atomic structure, mole concept, bonding, gases, and thermochemistry—as well as experience developing curriculum that bridges high school and college- level STEM coursework, will also be considered. Experience with academic support programs or STEM bridge initiatives is highly relevant.
CHEM 1100, 1101 Fundamentals of Organic and Biological Chemistry	Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline).	Biochemistry, Materials Science, Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist	Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry
CHEM 1110, 1111 General Chemistry I and Laboratory	Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline).	Biochemistry, Materials Science, Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist	Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry
CHEM 1112, 1113 Honors General Chemistry I and Laboratory	Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline).	Biochemistry, Materials Science, Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist	Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry
CHEM 1120, 1121 General Chemistry II and Laboratory	Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline).	Biochemistry, Materials Science, Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist	Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry

CHEM 1122, 1123 Honors General Chemistry II and Laboratory	Master's or doctorate degree in	Biochemistry, Materials Science,	Acceptable alternative qualifications include substantial
	Chemistry, or master's or doctorage	Forensic Science, Organic Chemistry,	professional experience as a doctor, enginieer, researcher, teacher,
	degree with a concentration in the	Inorganic Chemistry, Analytical	forensic scientist, toxicogist, or relevant professional
	teaching discipline (minimum of 18	Chemistry, Physical chemistry,	licensure/certifications, and notable scholarly work such as
	graduate semester hours in the teaching	Chemist	published articles or conference presentations in Chemistry
	discipline).	chemise	published draces of comercine presentations in chemistry
CHEM 2010, 2011 Organic Chemistry I and Laboratory	Master's or doctorate degree in	Biochemistry, Materials Science,	Acceptable alternative qualifications include substantial
	Chemistry, or master's or doctorage	Forensic Science, Organic Chemistry,	professional experience as a doctor, enginieer, researcher, teacher,
	degree with a concentration in the	Inorganic Chemistry, Analytical	forensic scientist, toxicogist, or relevant professional
	teaching discipline (minimum of 18	Chemistry, Physical chemistry,	licensure/certifications, and notable scholarly work such as
	graduate semester hours in the teaching	Chemist	published articles or conference presentations in Chemistry
	discipline).		
CHEM 2012, 2013 Honors Organic Chemistry I and Laboratory	Master's or doctorate degree in	Biochemistry, Materials Science,	Acceptable alternative qualifications include substantial
	Chemistry, or master's or doctorage	Forensic Science, Organic Chemistry,	professional experience as a doctor, enginieer, researcher, teacher,
	degree with a concentration in the	Inorganic Chemistry, Analytical	forensic scientist, toxicogist, or relevant professional
	teaching discipline (minimum of 18	Chemistry, Physical chemistry,	licensure/certifications, and notable scholarly work such as
	graduate semester hours in the teaching	Chemist	published articles or conference presentations in Chemistry
	discipline).		
CHEM 2020, 2021 Organic Chemistry II and Laboratory	Master's or doctorate degree in	Biochemistry, Materials Science,	Acceptable alternative qualifications include substantial
	Chemistry, or master's or doctorage	Forensic Science, Organic Chemistry,	professional experience as a doctor, enginieer, researcher, teacher,
	degree with a concentration in the	Inorganic Chemistry, Analytical	forensic scientist, toxicogist, or relevant professional
	teaching discipline (minimum of 18	Chemistry, Physical chemistry,	licensure/certifications, and notable scholarly work such as
	graduate semester hours in the teaching	Chemist	published articles or conference presentations in Chemistry
	discipline).		
CHEM 2022, 2023 Honors Organic Chemistry II and Laboratory	Master's or doctorate degree in	Biochemistry, Materials Science,	Acceptable alternative qualifications include substantial
chemizezz, zezz honors organic chemistry if and caboratory	•		
Chemical Solution of Solution Chemistry in and Educatory	Chemistry, or master's or doctorage	Forensic Science, Organic Chemistry,	professional experience as a doctor, enginieer, researcher, teacher,
	Chemistry, or master's or doctorage degree with a concentration in the	Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical	professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional
	Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18	Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry,	professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as
	Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching	Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical	professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional
	Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline).	Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist	professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry
CHEM 2022, 2023 Honors Organic Chemistry in and Laboratory CHEM 2100, 2101 Introduction to Analytical Chemistry and Laboratory	Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline). Master's or doctorate degree in	Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist Biochemistry, Materials Science,	professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial
	Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline). Master's or doctorate degree in Chemistry, or master's or doctorage	Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist Biochemistry, Materials Science, Forensic Science, Organic Chemistry,	professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher,
	Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline). Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the	Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist Biochemistry, Materials Science, Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical	professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional
	Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline). Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18	Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist Biochemistry, Materials Science, Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry,	professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as
	Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline). Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching	Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist Biochemistry, Materials Science, Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical	professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional
CHEM 2100, 2101 Introduction to Analytical Chemistry and Laboratory	Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline). Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline).	Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist Biochemistry, Materials Science, Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist	professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry
	Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline). Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline). Master's or doctorate degree in	Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist Biochemistry, Materials Science, Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist Biochemistry, Materials Science,	professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial
CHEM 2100, 2101 Introduction to Analytical Chemistry and Laboratory	Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline). Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline). Master's or doctorate degree in Chemistry, or master's or doctorage	Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist Biochemistry, Materials Science, Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist Biochemistry, Materials Science, Forensic Science, Organic Chemistry,	professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher,
CHEM 2100, 2101 Introduction to Analytical Chemistry and Laboratory	Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline). Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline). Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the	Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist Biochemistry, Materials Science, Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist Biochemistry, Materials Science, Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical	professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional
CHEM 2100, 2101 Introduction to Analytical Chemistry and Laboratory	Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline). Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline). Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18	Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist Biochemistry, Materials Science, Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist Biochemistry, Materials Science, Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry,	professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as
CHEM 2100, 2101 Introduction to Analytical Chemistry and Laboratory	Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline). Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline). Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching	Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist Biochemistry, Materials Science, Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist Biochemistry, Materials Science, Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical	professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional
CHEM 2100, 2101 Introduction to Analytical Chemistry and Laboratory CHEM 2500 Introduction to Pharmacology	Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline). Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline). Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline).	Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist Biochemistry, Materials Science, Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist Biochemistry, Materials Science, Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist	professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry
CHEM 2100, 2101 Introduction to Analytical Chemistry and Laboratory	Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline). Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline). Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline). Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline). Master's or doctorate degree in	Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist Biochemistry, Materials Science, Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist Biochemistry, Materials Science, Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist Biochemistry, Materials Science, Forensic Science, Organic Chemistry, Biochemistry, Materials Science,	professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial
CHEM 2100, 2101 Introduction to Analytical Chemistry and Laboratory CHEM 2500 Introduction to Pharmacology	Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline). Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline). Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline). Master's or doctorate degree in Chemistry, or master's or doctorage discipline).	Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist Biochemistry, Materials Science, Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist Biochemistry, Materials Science, Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist Biochemistry, Materials Science, Forensic Science, Organic Chemistry, Chemist	professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher,
CHEM 2100, 2101 Introduction to Analytical Chemistry and Laboratory CHEM 2500 Introduction to Pharmacology	Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline). Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline). Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline). Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline).	Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist Biochemistry, Materials Science, Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist Biochemistry, Materials Science, Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist Biochemistry, Materials Science, Forensic Science, Organic Chemistry, Chemist	professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional
CHEM 2100, 2101 Introduction to Analytical Chemistry and Laboratory CHEM 2500 Introduction to Pharmacology	Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline). Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline). Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline). Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline). Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18	Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist Biochemistry, Materials Science, Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist Biochemistry, Materials Science, Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist Biochemistry, Materials Science, Forensic Science, Organic Chemistry, Chemist	professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as
CHEM 2100, 2101 Introduction to Analytical Chemistry and Laboratory CHEM 2500 Introduction to Pharmacology	Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline). Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline). Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline). Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline).	Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist Biochemistry, Materials Science, Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist Biochemistry, Materials Science, Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist Biochemistry, Materials Science, Forensic Science, Organic Chemistry, Chemist	professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional

CHEM 3185 Cooperative Education I	Master's or doctorate degree in	Biochemistry, Materials Science,	Acceptable alternative qualifications include substantial
	Chemistry, or master's or doctorage	Forensic Science, Organic Chemistry,	professional experience as a doctor, enginieer, researcher, teacher,
	degree with a concentration in the	Inorganic Chemistry, Analytical	forensic scientist, toxicogist, or relevant professional
	teaching discipline (minimum of 18	Chemistry, Physical chemistry,	licensure/certifications, and notable scholarly work such as
	graduate semester hours in the teaching	Chemist	published articles or conference presentations in Chemistry
	discipline).	Chemist	published articles of conference presentations in chemistry
		Diachamiatan Mataniala Caisa as	
CHEM 3186 Cooperative Education II	Master's or doctorate degree in	Biochemistry, Materials Science,	Acceptable alternative qualifications include substantial
	Chemistry, or master's or doctorage	Forensic Science, Organic Chemistry,	professional experience as a doctor, enginieer, researcher, teacher,
	degree with a concentration in the	Inorganic Chemistry, Analytical	forensic scientist, toxicogist, or relevant professional
	teaching discipline (minimum of 18	Chemistry, Physical chemistry,	licensure/certifications, and notable scholarly work such as
	graduate semester hours in the teaching	Chemist	published articles or conference presentations in Chemistry
	discipline).		
CHEM 3187 Cooperative Education III	Master's or doctorate degree in	Biochemistry, Materials Science,	Acceptable alternative qualifications include substantial
	Chemistry, or master's or doctorage	Forensic Science, Organic Chemistry,	
	degree with a concentration in the	Inorganic Chemistry, Analytical	forensic scientist, toxicogist, or relevant professional
	teaching discipline (minimum of 18	Chemistry, Physical chemistry,	licensure/certifications, and notable scholarly work such as
	graduate semester hours in the teaching	Chemist	published articles or conference presentations in Chemistry
	discipline).		
CHEM 3200, 3201 Physiological Biochemistry and Laboratory	Master's or doctorate degree in	Biochemistry, Materials Science,	Acceptable alternative qualifications include substantial
	Chemistry, or master's or doctorage	Forensic Science, Organic Chemistry,	professional experience as a doctor, enginieer, researcher, teacher,
	degree with a concentration in the	Inorganic Chemistry, Analytical	forensic scientist, toxicogist, or relevant professional
	teaching discipline (minimum of 18	Chemistry, Physical chemistry,	licensure/certifications, and notable scholarly work such as
	graduate semester hours in the teaching	Chemist	published articles or conference presentations in Chemistry
	discipline).		
CHEM 3210, 3211 Physical Chemistry I and Laboratory	Master's or doctorate degree in	Biochemistry, Materials Science,	Acceptable alternative qualifications include substantial
	Chemistry, or master's or doctorage	Forensic Science, Organic Chemistry,	professional experience as a doctor, enginieer, researcher, teacher,
	degree with a concentration in the	Inorganic Chemistry, Analytical	forensic scientist, toxicogist, or relevant professional
	teaching discipline (minimum of 18	Chemistry, Physical chemistry,	licensure/certifications, and notable scholarly work such as
	graduate semester hours in the teaching	Chemist	published articles or conference presentations in Chemistry
	discipline).		
CHEM 3220, 3221 Physical Chemistry II and Laboratory	Master's or doctorate degree in	Biochemistry, Materials Science,	Acceptable alternative qualifications include substantial
	Chemistry, or master's or doctorage	Forensic Science, Organic Chemistry,	professional experience as a doctor, enginieer, researcher, teacher,
	degree with a concentration in the	Inorganic Chemistry, Analytical	forensic scientist, toxicogist, or relevant professional
	teaching discipline (minimum of 18	Chemistry, Physical chemistry,	licensure/certifications, and notable scholarly work such as
	graduate semester hours in the teaching	Chemist	published articles or conference presentations in Chemistry
	discipline).		
CHEM 3410, 3411 General Biochemistry I and Laboratory	Master's or doctorate degree in	Biochemistry, Materials Science,	Acceptable alternative qualifications include substantial
	Chemistry, or master's or doctorage	Forensic Science, Organic Chemistry,	
	degree with a concentration in the	Inorganic Chemistry, Analytical	forensic scientist, toxicogist, or relevant professional
	teaching discipline (minimum of 18	Chemistry, Physical chemistry,	licensure/certifications, and notable scholarly work such as
	graduate semester hours in the teaching	Chemist	published articles or conference presentations in Chemistry
	discipline).		· · · · · · · · · · · · · · · · · · ·
CHEM 3420, 3421 General Biochemistry II and Laboratory	Master's or doctorate degree in	Biochemistry, Materials Science,	Acceptable alternative qualifications include substantial
enten 3420, 3421 General Diothemistry II and Eaboratory	Chemistry, or master's or doctorage	Forensic Science, Organic Chemistry,	professional experience as a doctor, enginieer, researcher, teacher,
	degree with a concentration in the	Inorganic Chemistry, Analytical	forensic scientist, toxicogist, or relevant professional
	teaching discipline (minimum of 18	Chemistry, Physical chemistry,	licensure/certifications, and notable scholarly work such as
	graduate semester hours in the teaching	Chemist	published articles or conference presentations in Chemistry
	discipline).	chemist .	passioned drates of contenence presentations in chemistry

CHEM 3500 Atmospheric Chemistry	Master's or doctorate degree in	Biochemistry, Materials Science,	Acceptable alternative qualifications include substantial
	Chemistry, or master's or doctorage	Forensic Science, Organic Chemistry,	professional experience as a doctor, enginieer, researcher, teacher,
	degree with a concentration in the	Inorganic Chemistry, Analytical	forensic scientist, toxicogist, or relevant professional
	teaching discipline (minimum of 18	Chemistry, Physical chemistry,	licensure/certifications, and notable scholarly work such as
	graduate semester hours in the teaching	Chemist	published articles or conference presentations in Chemistry
	discipline).	chemise	published dratees of conference presentations in chemistry
CHEM 3600, 3601 Organic Chemistry and Organic Survey Laboratory	Master's or doctorate degree in	Biochemistry, Materials Science,	Acceptable alternative gualifications include substantial
	Chemistry, or master's or doctorage	Forensic Science, Organic Chemistry,	professional experience as a doctor, enginieer, researcher, teacher,
	degree with a concentration in the	Inorganic Chemistry, Analytical	forensic scientist, toxicogist, or relevant professional
	teaching discipline (minimum of 18	Chemistry, Physical chemistry,	licensure/certifications, and notable scholarly work such as
	graduate semester hours in the teaching	Chemist	published articles or conference presentations in Chemistry
	discipline).		
CHEM 3710 Methods of Teaching High School Chemistry	Master's or doctorate degree in	Biochemistry, Materials Science,	Acceptable alternative qualifications include substantial
	Chemistry, or master's or doctorage	Forensic Science, Organic Chemistry,	professional experience as a doctor, enginieer, researcher, teacher,
	degree with a concentration in the	Inorganic Chemistry, Analytical	forensic scientist, toxicogist, or relevant professional
	teaching discipline (minimum of 18	Chemistry, Physical chemistry,	licensure/certifications, and notable scholarly work such as
	graduate semester hours in the teaching	Chemist	published articles or conference presentations in Chemistry
	discipline).		
CHEM 4005 Special Topics in Analytical Chemistry.	Master's or doctorate degree in	Biochemistry, Materials Science,	Acceptable alternative qualifications include substantial
	Chemistry, or master's or doctorage	Forensic Science, Organic Chemistry,	professional experience as a doctor, enginieer, researcher, teacher,
	degree with a concentration in the	Inorganic Chemistry, Analytical	forensic scientist, toxicogist, or relevant professional
	teaching discipline (minimum of 18	Chemistry, Physical chemistry,	licensure/certifications, and notable scholarly work such as
	graduate semester hours in the teaching	Chemist	published articles or conference presentations in Chemistry
	discipline).		
CHEM 4006 Special Topics in Biochemistry.	Master's or doctorate degree in	Biochemistry, Materials Science,	Acceptable alternative qualifications include substantial
	Chemistry, or master's or doctorage	Forensic Science, Organic Chemistry,	professional experience as a doctor, enginieer, researcher, teacher,
	degree with a concentration in the	Inorganic Chemistry, Analytical	forensic scientist, toxicogist, or relevant professional
	teaching discipline (minimum of 18	Chemistry, Physical chemistry,	licensure/certifications, and notable scholarly work such as
	graduate semester hours in the teaching	Chemist	published articles or conference presentations in Chemistry
	discipline).		
CHEM 4007 Special Topics in Inorganic Chemistry.	Master's or doctorate degree in	Biochemistry, Materials Science,	Acceptable alternative qualifications include substantial
	Chemistry, or master's or doctorage	Forensic Science, Organic Chemistry,	professional experience as a doctor, enginieer, researcher, teacher,
	degree with a concentration in the	Inorganic Chemistry, Analytical	forensic scientist, toxicogist, or relevant professional
	teaching discipline (minimum of 18	Chemistry, Physical chemistry,	licensure/certifications, and notable scholarly work such as
	graduate semester hours in the teaching	Chemist	published articles or conference presentations in Chemistry
	discipline).		
CHEM 4008 Special Topics in Organic Chemistry.	Master's or doctorate degree in	Biochemistry, Materials Science,	Acceptable alternative qualifications include substantial
	Chemistry, or master's or doctorage	Forensic Science, Organic Chemistry,	professional experience as a doctor, enginieer, researcher, teacher,
	degree with a concentration in the	Inorganic Chemistry, Analytical	forensic scientist, toxicogist, or relevant professional
	teaching discipline (minimum of 18	Chemistry, Physical chemistry,	licensure/certifications, and notable scholarly work such as
	graduate semester hours in the teaching	Chemist	published articles or conference presentations in Chemistry
	discipline).		
CHEM 4009 Special Topics in Physical Chemistry.	Master's or doctorate degree in	Biochemistry, Materials Science,	Acceptable alternative qualifications include substantial
	Chemistry, or master's or doctorage	Forensic Science, Organic Chemistry,	professional experience as a doctor, enginieer, researcher, teacher,
	degree with a concentration in the	Inorganic Chemistry, Analytical	forensic scientist, toxicogist, or relevant professional
	teaching discipline (minimum of 18	Chemistry, Physical chemistry,	licensure/certifications, and notable scholarly work such as
	graduate semester hours in the teaching discipline).	Chemist	published articles or conference presentations in Chemistry

CHEM 4100 Scientific Communications	Master's or doctorate degree in	Biochemistry, Materials Science,	Acceptable alternative qualifications include substantial
CHEM 4100 Scientific Communications	Chemistry, or master's or doctorage	Forensic Science, Organic Chemistry,	
	degree with a concentration in the	Inorganic Chemistry, Analytical	forensic scientist, toxicogist, or relevant professional
	teaching discipline (minimum of 18	Chemistry, Physical chemistry,	licensure/certifications, and notable scholarly work such as
	graduate semester hours in the teaching	Chemist y, Physical chemistry,	published articles or conference presentations in Chemistry
	discipline).	chemist	published articles of conference presentations in chemistry
		Diashawistwa Mataviala Caiswaa	
CHEM 4200, 4201 Inorganic Chemistry I and Laboratory	Master's or doctorate degree in	Biochemistry, Materials Science,	Acceptable alternative qualifications include substantial
	Chemistry, or master's or doctorage	Forensic Science, Organic Chemistry,	professional experience as a doctor, enginieer, researcher, teacher,
	degree with a concentration in the	Inorganic Chemistry, Analytical	forensic scientist, toxicogist, or relevant professional
	teaching discipline (minimum of 18	Chemistry, Physical chemistry,	licensure/certifications, and notable scholarly work such as
	graduate semester hours in the teaching	Chemist	published articles or conference presentations in Chemistry
	discipline).		
CHEM 4210 Inorganic Chemistry II	Master's or doctorate degree in	Biochemistry, Materials Science,	Acceptable alternative qualifications include substantial
	Chemistry, or master's or doctorage	Forensic Science, Organic Chemistry,	
	degree with a concentration in the	Inorganic Chemistry, Analytical	forensic scientist, toxicogist, or relevant professional
	teaching discipline (minimum of 18	Chemistry, Physical chemistry,	licensure/certifications, and notable scholarly work such as
	graduate semester hours in the teaching	Chemist	published articles or conference presentations in Chemistry
	discipline).		
CHEM 4320, 4321 Instrumental Analysis and Laboratory	Master's or doctorate degree in	Biochemistry, Materials Science,	Acceptable alternative qualifications include substantial
	Chemistry, or master's or doctorage	Forensic Science, Organic Chemistry,	professional experience as a doctor, enginieer, researcher, teacher,
	degree with a concentration in the	Inorganic Chemistry, Analytical	forensic scientist, toxicogist, or relevant professional
	teaching discipline (minimum of 18	Chemistry, Physical chemistry,	licensure/certifications, and notable scholarly work such as
	graduate semester hours in the teaching	Chemist	published articles or conference presentations in Chemistry
	discipline).		
CHEM 4400 Organic Reaction Mechanisms	discipline). Master's or doctorate degree in	Biochemistry, Materials Science,	Acceptable alternative qualifications include substantial
CHEM 4400 Organic Reaction Mechanisms		Biochemistry, Materials Science, Forensic Science, Organic Chemistry,	
CHEM 4400 Organic Reaction Mechanisms	Master's or doctorate degree in		
CHEM 4400 Organic Reaction Mechanisms	Master's or doctorate degree in Chemistry, or master's or doctorage	Forensic Science, Organic Chemistry,	professional experience as a doctor, enginieer, researcher, teacher,
CHEM 4400 Organic Reaction Mechanisms	Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the	Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical	professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional
CHEM 4400 Organic Reaction Mechanisms	Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18	Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry,	professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as
	Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline).	Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist	professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry
CHEM 4400 Organic Reaction Mechanisms CHEM 4420 Medicinal Chemistry.	Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching	Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry,	professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial
	Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline). Master's or doctorate degree in Chemistry, or master's or doctorage	Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist Biochemistry, Materials Science, Forensic Science, Organic Chemistry,	professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher,
	Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline). Master's or doctorate degree in	Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist Biochemistry, Materials Science,	professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial
	Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline). Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline).	Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist Biochemistry, Materials Science, Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical	professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as
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CHEM 4420 Medicinal Chemistry.	Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline). Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline).	Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist Biochemistry, Materials Science, Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist	professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry
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CHEM 4420 Medicinal Chemistry.	Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline).Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline).Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline).Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline (minimum of 18 graduate semester hours in the teaching	Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist Biochemistry, Materials Science, Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist Biochemistry, Materials Science, Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical	professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional
CHEM 4420 Medicinal Chemistry. CHEM 4500 Cancer Biochemistry and Biology.	Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline). Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline). Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline). Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline).	Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist Biochemistry, Materials Science, Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist Biochemistry, Materials Science, Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist	professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry
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CHEM 4420 Medicinal Chemistry. CHEM 4500 Cancer Biochemistry and Biology.	Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline).Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline).Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline).Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline (minimum of 18 graduate semester hours in the teaching discipline).Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline).Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the teaching discipline).	Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist Biochemistry, Materials Science, Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist Biochemistry, Materials Science, Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical chemistry, Chemist Biochemistry, Materials Science, Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical	professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional
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CHEM 4506 Senior Project II	Master's or doctorate degree in	Biochemistry, Materials Science,	Acceptable alternative qualifications include substantial
	Chemistry, or master's or doctorage		professional experience as a doctor, enginieer, researcher, teacher,
	degree with a concentration in the	Inorganic Chemistry, Analytical	forensic scientist, toxicogist, or relevant professional
	teaching discipline (minimum of 18	Chemistry, Physical chemistry,	licensure/certifications, and notable scholarly work such as
	graduate semester hours in the teaching	Chemist	published articles or conference presentations in Chemistry
		Chemist	published articles of conference presentations in chemistry
	discipline).		
CHEM 4600 Spectroscopic Methods in Chemistry	Master's or doctorate degree in	Biochemistry, Materials Science,	Acceptable alternative qualifications include substantial
	Chemistry, or master's or doctorage		professional experience as a doctor, enginieer, researcher, teacher,
	degree with a concentration in the	Inorganic Chemistry, Analytical	forensic scientist, toxicogist, or relevant professional
	teaching discipline (minimum of 18	Chemistry, Physical chemistry,	licensure/certifications, and notable scholarly work such as
	graduate semester hours in the teaching	Chemist	published articles or conference presentations in Chemistry
	discipline).		
CHEM 4610 Introduction to Polymer Chemistry I	Master's or doctorate degree in	Biochemistry, Materials Science,	Acceptable alternative qualifications include substantial
	Chemistry, or master's or doctorage	Forensic Science, Organic Chemistry,	professional experience as a doctor, enginieer, researcher, teacher,
	degree with a concentration in the	Inorganic Chemistry, Analytical	forensic scientist, toxicogist, or relevant professional
	teaching discipline (minimum of 18	Chemistry, Physical chemistry,	licensure/certifications, and notable scholarly work such as
	graduate semester hours in the teaching	Chemist	published articles or conference presentations in Chemistry
	discipline).		
CHEM 4611 Introduction to Polymer Chemistry I Laboratory	Earned Master's or Doctorate degree in	Materials Science, Organic Chemistry,	
	Chemistry in the teaching discipline; or	Chemical Engineering, Polymer	Acceptable alternative qualifications include significant professional or
	Master's or Doctorate degree with a	Chemistry	research experience in polymer synthesis, polymer processing, or
	concentration in the teaching discipline with		characterization techniques such as gel permeation chromatography, DSC,
	at least 18 graduate semester hours in the		or FTIR. Experience supervising laboratory-based coursework in polymer
	teaching discipline.		science or conducting applied research in plastic materials, composites, or
			biopolymers will also be considered.
CHEM 4620, 4621 Introduction to Polymer Chemistry II and Laboratory	Master's or doctorate degree in	Biochemistry, Materials Science,	Acceptable alternative qualifications include substantial
	Chemistry, or master's or doctorage	Forensic Science, Organic Chemistry,	professional experience as a doctor, enginieer, researcher, teacher,
	degree with a concentration in the	Inorganic Chemistry, Analytical	forensic scientist, toxicogist, or relevant professional
	teaching discipline (minimum of 18	Chemistry, Physical chemistry,	licensure/certifications, and notable scholarly work such as
	graduate semester hours in the teaching	Chemist	published articles or conference presentations in Chemistry
	discipline).		
CHEM 4700, 4701 Biochemical Analysis and Laboratory	Master's or doctorate degree in	Biochemistry, Materials Science,	Acceptable alternative qualifications include substantial
enem 4700, 4701 biolicinical valarysis and Edboratory	Chemistry, or master's or doctorage	-	
	degree with a concentration in the	Inorganic Chemistry, Analytical	forensic scientist, toxicogist, or relevant professional
	teaching discipline (minimum of 18	Chemistry, Physical chemistry,	licensure/certifications, and notable scholarly work such as
	graduate semester hours in the teaching	Chemist	published articles or conference presentations in Chemistry
	discipline).	chemist	published articles of conference presentations in chemistry
CHEM 4720 Student Teaching in Chemistry		Piochomistry Materials Science	Accontable alternative qualifications include substantial
CHEM 4720 Student Teaching in Chemistry	Master's or doctorate degree in	Biochemistry, Materials Science,	Acceptable alternative qualifications include substantial
	Chemistry, or master's or doctorage		
	al a super statistical a super superior at the statistic statistics of the statistical statistics of the statistic statistics of the statist		forensic scientist, toxicogist, or relevant professional
	degree with a concentration in the	Inorganic Chemistry, Analytical	
	teaching discipline (minimum of 18	Chemistry, Physical chemistry,	licensure/certifications, and notable scholarly work such as
	teaching discipline (minimum of 18 graduate semester hours in the teaching		
	teaching discipline (minimum of 18 graduate semester hours in the teaching discipline).	Chemistry, Physical chemistry, Chemist	licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry
CHEM 4830 Advanced Physical Chemistry	teaching discipline (minimum of 18 graduate semester hours in the teaching	Chemistry, Physical chemistry,	licensure/certifications, and notable scholarly work such as
CHEM 4830 Advanced Physical Chemistry	teaching discipline (minimum of 18 graduate semester hours in the teaching discipline).	Chemistry, Physical chemistry, Chemist Biochemistry, Materials Science,	licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry
CHEM 4830 Advanced Physical Chemistry	teaching discipline (minimum of 18 graduate semester hours in the teaching discipline). Master's or doctorate degree in	Chemistry, Physical chemistry, Chemist Biochemistry, Materials Science,	licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial
CHEM 4830 Advanced Physical Chemistry	teaching discipline (minimum of 18 graduate semester hours in the teaching discipline). Master's or doctorate degree in Chemistry, or master's or doctorage	Chemistry, Physical chemistry, Chemist Biochemistry, Materials Science, Forensic Science, Organic Chemistry,	licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher,
CHEM 4830 Advanced Physical Chemistry	teaching discipline (minimum of 18 graduate semester hours in the teaching discipline). Master's or doctorate degree in Chemistry, or master's or doctorage degree with a concentration in the	Chemistry, Physical chemistry, Chemist Biochemistry, Materials Science, Forensic Science, Organic Chemistry, Inorganic Chemistry, Analytical	licensure/certifications, and notable scholarly work such as published articles or conference presentations in Chemistry Acceptable alternative qualifications include substantial professional experience as a doctor, enginieer, researcher, teacher, forensic scientist, toxicogist, or relevant professional

CHEM 4910 Seminar	Master's or doctorate degree in	Biochemistry, Materials Science,	Acceptable alternative qualifications include substantial
	Chemistry, or master's or doctorage		professional experience as a doctor, enginieer, researcher, teacher,
	degree with a concentration in the	Inorganic Chemistry, Analytical	forensic scientist, toxicogist, or relevant professional
	teaching discipline (minimum of 18	Chemistry, Physical chemistry,	licensure/certifications, and notable scholarly work such as
	graduate semester hours in the teaching	Chemist	published articles or conference presentations in Chemistry
	discipline).	chemise	published drateles of contenence presentations in chemistry
CHEM 4920 Seminar	Master's or doctorate degree in	Biochemistry, Materials Science,	Acceptable alternative qualifications include substantial
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	Chemistry, or master's or doctorage		professional experience as a doctor, enginieer, researcher, teacher,
	degree with a concentration in the	Inorganic Chemistry, Analytical	forensic scientist, toxicogist, or relevant professional
	teaching discipline (minimum of 18	Chemistry, Physical chemistry,	licensure/certifications, and notable scholarly work such as
	graduate semester hours in the teaching	Chemist	published articles or conference presentations in Chemistry
	discipline).		
CHEM 4800 Advanced Pharmacology.	Master's or doctorate degree in	Biochemistry, Materials Science,	Acceptable alternative qualifications include substantial
	Chemistry, or master's or doctorage	Forensic Science, Organic Chemistry,	professional experience as a doctor, enginieer, researcher, teacher,
	degree with a concentration in the	Inorganic Chemistry, Analytical	forensic scientist, toxicogist, or relevant professional
	teaching discipline (minimum of 18	Chemistry, Physical chemistry,	licensure/certifications, and notable scholarly work such as
	graduate semester hours in the teaching	Chemist	published articles or conference presentations in Chemistry
	discipline).		
CHEM 3001 Introduction to Inorganic Chemistry Lab	Master's or doctorate degree in	Biochemistry, Materials Science,	Acceptable alternative qualifications include substantial
	Chemistry, or master's or doctorage	Forensic Science, Organic Chemistry,	professional experience as a doctor, enginieer, researcher, teacher,
	degree with a concentration in the	Inorganic Chemistry, Analytical	forensic scientist, toxicogist, or relevant professional
	teaching discipline (minimum of 18	Chemistry, Physical chemistry,	licensure/certifications, and notable scholarly work such as
	graduate semester hours in the teaching	Chemist	published articles or conference presentations in Chemistry
	discipline).		,