

Ayaha Frysinger

Course Name	Semester	Skills/Transferrable Skills
Concentration 1: Computational Sciences		
ANALYTIC GEOM & CALCULUS I	Spring 2020	It provides essential mathematical skills for understanding functions, derivatives, integrals, problem-solving, and mathematical modeling, applicable across various fields
CALCULUS II	Spring 2021	It further develops skills in advanced integration techniques, sequences and series, polar and parametric equations, and applications of calculus to real-world problems.
CALCULUS III	Fall 2021	Focus on three dimensions, covering topics such as multivariable functions, partial derivatives, multiple integrals, vector calculus, and the application of calculus in 3D

		space, providing a deeper grasp of advanced mathematical concepts and their real-world applications.
INTRO TO PROGRAMMING WITH C	Spring 2023	Gain fundamental programming skills, teaching them the basics of coding, problem-solving, data types, control structures, and algorithmic thinking using the C programming language as a foundation for future programming endeavors.
SECURITY IN COMPUTING	Summer 2023	Gain knowledge and skills related to cybersecurity, covering topics such as cryptography, network security, access control, risk assessment, and security best practices, equipping students with the ability to protect digital systems and data from cyber threats.
Concentration 2: Letters & Modern Languages		

COLLEGE COMPOSITION II	Spring 2020	Gain writing skills by focusing on more advanced techniques such as argumentation, research, analysis, and synthesis of information, enabling them to communicate effectively in academic and professional settings while refining their critical thinking abilities.
TOPICS IN TRADITIONAL JPN LIT	Spring 2021	A study of classic Japanese literary works, exploring themes, motifs, and cultural contexts found in traditional Japanese literature, fostering a deeper appreciation, and understanding of Japan's rich literary heritage and its influence on broader cultural narratives.
PROFESSIONAL WRITING	Summer 2023	Gain communication skills for the workplace, focusing on business and technical writing, document design, effective communication strategies, and the development of written materials suitable for

		<p>professional contexts, preparing them to excel in diverse professional settings that demand strong written communication abilities.</p>
ELE ITALIAN LANGUAGE & CIV I	Fall 2023	<p>Learn Italian language, culture, and civilization, covering basic language skills such as vocabulary, grammar, and pronunciation, while also providing insights into Italy's rich cultural heritage, customs, and traditions, fostering a foundation for further exploration of the Italian language and culture.</p>
LITERATURE AND LAW	Fall 2023	<p>Explores the intersection between literature and the legal system, examining how literary works reflect, challenge, and illuminate legal principles, ethics, and social justice issues, fostering a deeper understanding of the dynamic</p>

		relationship between the two fields and their impact on society.
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Minor: Human Services		
GENERAL PSYCHOLOGY	Fall 2023	
INTRO TO HUMAN SERVICES	n/a	n/a
CAREER PLANNING I	n/a	n/a
COUPLES FAMILIES RELATIONSHIPS	n/a	n/a
HELPING SKILLS FOR HUMAN SERV	n/a	n/a
DIVERSITY ISSUES IN HUMAN SERV	n/a	n/a
INTERDISCIPLINARY STUDIES BS		
CORNERSTONE EXPERIENCE	Fall 2023	Gain foundational understanding of key concepts, critical thinking skills, and interdisciplinary perspectives, helping them develop a well-rounded and holistic academic foundation for their college education and future pursuits.
CAPSTONE EXPERIENCE	n/a	n/a
STATE GENERAL EDUCATION		

COLLEGE COMPOSITION I	Fall 2019	Gain writing abilities by focusing on fundamental principles and techniques, enabling effective communication in academic and professional contexts.
THEATRE SURVEY	Spring 2023	It covers theater history, key genres, influential playwrights, and the various aspects of theatrical production, providing students with a broad understanding of this art form and its cultural significance.
PRECALCULUS ALGEBRA	Fall 2019	Gain preparatory course that strengthens students' algebraic skills, covering topics like equations, inequalities, functions, and graphs, providing a solid foundation for more advanced math courses.
US HISTORY FROM 1865 - PRESENT	Fall 2019	Gain social changes, and political developments in the United States from the end of the Civil War to modern times, helping

		students gain a comprehensive understanding of the nation's history and its impact on contemporary society.
INTRODUCTION TO SOCIOLOGY	Spring 2023	Introduction of human society, examining social structures, behaviors, and institutions to help them understand how society functions and influences individual lives.
GENERAL EDUCATION PROGRAM		
INTRODUCTION TO COMMUNICATION	Fall 2022	Introduction to the basics of effective communication, covering principles, theories, and practical skills essential for clear and persuasive interactions in various personal and professional contexts.
UNITED STATES HISTORY TO 1865	Spring 2020	Learn historical events, figures, and developments in the United States up to the end of the Civil War, providing students with a

		foundational understanding of the nation's early history and its impact on the present.
HISTORY OF WESTERN ART I	Summer 2023	Evolution of art in Western civilization from ancient times to the Renaissance, providing students with insights into the development of artistic styles, techniques, and cultural influences throughout history.
COMPUTER FUND FOR BUSINESS	Fall 2023	Gain computer skills and knowledge necessary for success in the business world, covering topics such as software applications, data management, and digital communication tools to enhance productivity and efficiency in a professional setting.
GENERAL PHYSICS I	Fall 2020	Gain the fundamental principles of physics, covering topics like mechanics, motion, forces, and energy, providing the basis for

		understanding the physical world and its underlying laws.
THE HUMAN SPECIES	Fall 2020	Learn about evolution, biology, and cultural development of Homo sapiens, examining the origins and characteristics of our species to gain a comprehensive understanding of human history and our place in the natural world.
ELECTIVES		
INTRODUCTION TO BUSINESS ADMIN	Spring 2020	Gain foundational understanding of business principles, management concepts, and organizational practices, offering insights into the world of business and preparing them for various roles in the business environment.
GENERAL CHEMISTRY I	Fall 2020	Gain fundamental principles of chemistry, covering topics like chemical reactions, atomic

		structure, bonding, and the periodic table, providing the basis for understanding the composition and behavior of matter in the natural world.
GENERAL CHEMISTRY LAB I	Fall 2020	Get to apply theoretical knowledge through practical experiments, enhancing their understanding of chemical concepts, laboratory techniques, and safety procedures.
PRINCIPLES OF MICROECONOMICS	Spring 2021	Focused on individual decision-making, supply and demand, market structures, and resource allocation, providing insights into how individuals and firms make economic choices in various contexts.
GENERAL CHEMISTRY II	Spring 2021	Understand chemical kinetics, thermodynamics, equilibrium, and chemical reactions, deepening students' understanding of the behavior

		and interactions of chemical substances.
THIRD-YEAR JAPANESE	Fall 2020	Focuses on complex grammar, advanced vocabulary, reading comprehension, and speaking skills to further develop students' fluency in Japanese.
GENERAL PHYSICS I LABORATORY	Fall 2020	Performed experiments and gained practical experience in topics like mechanics, motion, forces, and energy, reinforcing their understanding of fundamental physics principles through real-world experiments.
INTRO TO COMPUTER SCIENCE I	Fall 2020	Learned comprehensive introduction to computer science principles, including programming fundamentals, algorithmic thinking, and problem-solving skills, laying the groundwork for further studies in computer science.

COLLEGE PHYSICS I	Fall 2019	Learn key concepts in mechanics, motion, forces, and energy, providing the foundational knowledge and problem-solving skills necessary for understanding and analyzing physical phenomena in the natural world.
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