General Studies Courses			
Course Number	**Course Name**	**Credits**	**Description**
ANT 100	General Anthropology	3	A survey of the subfields of anthropology, especially archaeology and physical and cultural anthropology. The course explores human biological evolution and variation, cultural evolution, language, and culture change.
ART 118	Digital Imaging and Design	3	Basic skills and vocabulary of digital technology; exploration of popular graphics software and hardware. Integration of digital imagery with more traditional media. Development of a portfolio for transfer.
BIO 141	Heredity	3	Principles of heredity with applications to plant, animal and human inheritance; current advances in genetics and their bearing on the life sciences. Lecture and may also include demonstrations, discussion and field trips. Lecture and may also include demonstrations, discussion and field trips.
BIO 190	Introduction to Environmental Science	3	This course is a contemporary study of the natural world through the human perspective. The course emphasizes humans as a modifying force in the biophysical environment, including selected topics in ecological principles, pollution, population biology, and environmental management. This course meets the statutory requirement for Conservation of Natural Resources required for state certification for teachers of science and social science.
BUS 101	Introduction to Business	3	Introduction to the role of business in the modern political, social, and economic environments; describes career opportunities.
BUS 201	Introductory Accounting	4	Fundamental principles, terminology, techniques, and applications; books, accounts and
CHE 124	Applied Chemistry & Society	3	A course for non-science majors that covers basic chemistry concepts in a social context. May include explorations of how chemistry impacts the environment, public health, energy policies, and other contemporary social issues. Consists of lectures and laboratories and may also include discussions and demonstrations. Not a suitable prerequisite for higher-level Chemistry courses or pre-professional programs. A student may not earn more than four credits by taking CHE 121, CHE 123 and CHE 124.
CTA 103	Introduction to Public Speaking	3	Study of the principles and techniques of effective speaking and listening in a variety of selected communication experiences.
CTA 210	Introduction to Intercultural Communication	3	An overview of how people communicate with people from other cultures. Communication behavior both verbal and nonverbal will be examined to determine their role in other cultures. Students will learn to communicate more competently with people from other cultures and ethnic groups.

ENG 101	College Writing & Critical Reading	3	A composition course focusing on academic writing, the writing process, and critical reading. Emphasis will be on essays that incorporate readings. Prereq: A grade of C or better in a basic writing course (ENG 097, ENG 098, or LEA 106 when taken as a three-credit course) or exemption through a sufficiently high placement assessment.
ENG 102	Critical Reading, Writing, & Research	3	A composition course focusing on researched academic writing that presents information, ideas, and arguments. Emphasis will be on the writing process, critical thinking, and critical reading. Prereq: A grade of C or better in ENG 101 Composition I or exemption through a sufficiently high placement assessment.
ENGLISH 206	Introduction to Business & Technical Communication	3	Students will learn to assess communication situations using core rhetorical principles of audience, purpose, and context, and, after study and practice, will demonstrate their competency in producing key verbal and written genres such as email, memos, letters, presentations, and reports.
GEO 125	Physical Geography	5	The geography of Earth's physical characteristics, including weather and climate, climate types, water, soils, Earth materials, landforms, and Earth resources; study of the processes and interactions creating Earth's physical geographic patterns. Two or four hours of lab per week depending on the credit. Field trip(s) may be required. May not be taken for credit by students who have had GEO 120, GEO 123 or GEO 124.
GSW 101	Introduction to Women's Studies	3	An introduction to the major issues addressed by women's studies with an emphasis on interdisciplinary social science theories and methodologies involved in gaining accurate knowledge about women's lives and contributions to society, both within the United States and around the world. Perspectives, texts, and methodologies from across the social science disciplines ranging from history, economics, sociology, political science, public health, criminal justice, psychology, and others will be used to understand the experience of women and the cultural construction of gender.
GSW 102	Women's Voices	3	An introductory and interdisciplinary humanities course drawing upon diverse texts and methodologies representative of the following humanities disciplines: art, philosophy, religious studies, music, film, history, literature, feminist theory, cultural studies, media studies, and performance art/drama. Students will examine multicultural readings ranging from creative nonfiction, essays, feminist theory, philosophical reflection, fiction, poetry, historical accounts, drama, cultural critique, feminist analysis, memoir, visual arts, letters, diaries, and others to build an understanding of the multiple scholarly approaches in the humanities to the study of women's lives.

HIS 102	History of the United States from the Era of the Civil War to the Present	3	A survey of American political, economic, social, and intellectual history from the era of the Civil War to the Present. As an Ethnic Studies (ES) course, this course thoroughly integrates the experiences of African Americans, Native Americans, Hispanics, and/or Asian Americans into US history in a manner that fosters understanding and appreciation of the perspectives and experiences of at least two of these groups as well as their contributions to, and interactions within, American society.
MAT 102	Mathematical Literacy for College Students II	3	This course develops an integrated approach to numeracy, proportional reasoning, algebraic reasoning, and functions. Prereq: Math Placement Level 10 as described here: https://flex.wisconsin.edu/admissions-office/math-placement/
MAT 105	Introduction to College Algebra	3	Emphasizes algebraic techniques with polynomials, fractional expressions, exponents and radicals, linear and quadratic equations, and inequalities. Introduction to functions, their graphs, and analytic geometry. Prereq: A grade of C or better in Elementary Algebra or placement based on placement test score or math placement level 20 as described here: https://flex.wisconsin.edu/admissions-office/math-placement/
MAT 215	Elementary Statistics	3	The primary aim of the course is a basic understanding and use of statistical concepts and methods to facilitate study and research in other disciplines. You will learn proper ways to collect meaningful data, how to summarize data with graphs and numerical descriptions and, most importantly, you will learn how to use data to make inferences (conclusions) about the population as a whole. Prereq: A grade of C or better in MAT 102, MAT 105 or placement based on placement test score.
MUS 173	Music Literature and Appreciation	3	A guide to the understanding of music through listening experiences in the various styles and historical periods. Prereq: Suggested to successfully complete ENG 101 prior to enrolling in MUS 173.
MUS 273	Jazz History and Appreciation	3	An introduction to the styles and forms of jazz through a study of its history, literature, cultural influences, musical structure, and prominent performers. Includes recorded listening experiences.
INT 281	Interdisciplinary Studies: Deviant Minds	3	Approaches the concept of deviance from both sociological and psychological perspectives, including the 'deviant' (rule-breaking) categories of mental illness and criminal behavior.
PSY 202	Introductory Psychology	3	Survey of major content areas in Psychology. Topics include research methodology, learning, memory, cognition, biological psychology, sensation, perception, motivation, emotion, development, personality, psychopathology, and social psychology. Students may not receive credit for both PSY 201 and PSY 202.

REL 100	Introduction to the Study of Religion	3	This course introduces students to various methods employed in the academic study of religion and will provide opportunity for students to apply these methods to diverse expressions of the religious life.
SOC 101	Introduction to Sociology	3	Introduction to the basic concepts, theories and methods of Sociology, emphasizing the significance of the self and culture, social process and organization, and forces of social stability and change.
SPA 101	First-Semester Spanish	4	For students who have had no previous training in the language. Emphasis on reading, writing, listening, and speaking in Spanish. Classes also may include cultural studies of Spain and Latin America. Field trip may be required.
SPA 102	Second-Semester Spanish	4	This course is a continuation of CGS SPA 101. This course integrates cultural studies of Spanish-speaking countries while emphasizing reading, writing, listening, and speaking in Spanish.

Biomedical Sciences			
Course Number	Course Name	Credits	Description
BMS 205	Introduction to Diagnostic Medicine	3	Demonstrate knowledge and application of the mechanisms, procedures, physiological basis, decision-making, and evidence based protocols used to diagnose health and disease. (Also required in Lower-Division Curriculum)
BMS 232	Introduction to Nutrition	3	Fundamentals of human nutrition, functions and requirements of nutrients, nutritional needs throughout the life cycle.
BMS 245	Client Diversity in Health Sciences: An Interdisciplinary	3	Exploration of cultural self-awareness, rules, behaviors and biases of diverse societies, and inter-professional application of effective service delivery in the health professions to culturally diverse individuals and families.
BMS 260	Introduction to Complementary and Alternative Medicine	3	Educational foundation regarding the broad use of complementary and alternative practices available to consumers and health professionals and evidence based assessment of predominant complementary and alternative health care traditions and therapies.
BMS 314	Human Pathophysiology I	3	Pathological mechanisms underlying disease states, diagnosis and treatment of these disorders; topics cover cell injury, inflammation, immunopathology, repair, regeneration and fibrosis, developmental and genetic disorders, neoplasms, nervous system, bones, joints, skeletal muscle, cardiovascular, respiratory, blood and lymphoid systems, diabetes.

BMS 315	Human Pathophysiology II	3	Pathological mechanisms underlying disease states, diagnosis and treatment of these disorders; topics cover gastrointestinal tract, pancreas, kidney, liver/biliary system, female and male reproductive systems, endocrine system, infectious and parasitic diseases, environmental and nutritional factors related to morbidity/mortality.
BMS 433	Teamwork in the Health Professions	3	Knowledge, skill, and attitude development in the values and ethics, roles and responsibilities, communication, and teams and teamwork of interprofessional practice in healthcare
BMS 434	Professional Development in the Health Professions	3	Development of the knowledge, skills, and attitudes needed to provide quality patient and client care through contributions to health related professions and participation in service learning related to professional practice.
HCA 220	Leading Healthcare Professionals	3	Introduction to effective healthcare leadership of self, others, and groups in complex healthcare settings. Emphasis on leader understanding own temperament and values and healthcare context.
HS 102	Healthcare Delivery in the United States	3	An introduction to health care delivery focusing on consumers, providers, organization, financing, quality and utilization of services, health planning, and political and governmental impacts.
HS 311	Law for Healthcare Professionals	3	An introduction to law and ethics as they relate to health care. Topics include ethical decisions, contracts, liability, malpractice, informed consent, HIPAA, litigation, healthcare technology, and trial proceedings
KIN 400	Ethics and Values in Health and Fitness Professions	3	Exploration of morality, ethics, and their importance in the allied health professions.
THERREC 202	Disability, Society & Person	3	Introduction to the attitudes and knowledge required for the appropriate and quality interactions involving individuals with disabilities. Overview of the psychological and social impact of disability.
THERREC 303	Inclusive Disability	3	Study of concepts and practices related to the delivery of community programs for individuals with disabilities.

Information Sciences			
Course Number	Course Name	Credits	Description
INFOST 110	Essentials of Information Science & Technology	3	Introduces essential issues in the discipline of information science and technology, including the nature of information, the history of information technology, an overview of information institutions and professions, and various critical perspectives of information and information technology.
INFOST 120	Ethical Issues in Information Technology	3	This course provides a comprehensive overview of the ethical issues in contemporary information and communication technologies. Building from a basic understanding of ethical theory, it examines an array issues, including privacy, intellectual property, information security, free speech, cyberbullying, and digital sex and violence. The ethical choices and responsibilities of users and information professionals will be considered.
INFOST 240	Introduction to Web Design	3	This course introduces the basics of web design including using HTML, CSS and JavaScript for web development.
INFOST 250	Introduction to Network and Systems Administration	3	Special emphasis will be upon the Internet and information communications and new communication technologies influencing information services. *Note that this course can be used in any of the five cross-functional subject electives.*
INFOST 310	Human Factors in Information Seeking and Use	3	Overview of human information needs, seeking, and processing, including human factors in the design, development and evaluation of information services.
INFOST 320	Web Design II	3	Examination and utilization of advanced technologies and practices being employed in web usability and design.
INFOST 330	Electronic Information Retrieval Systems	3	Basics of using electronic information retrieval systems, emphasizing internet and commercial services, in order to obtain information.
INFOST 340	Systems Analysis and Design	3	This course introduces the theories, principles, and tools for planning, organizing, assessing, and evaluating information, emphasizing the importance of user's perspective. This cluster also covers the various stages of systems analysis and outlines the appropriate methods for each stage.
INFOST 350	Application Development	3	Introduction to the fundamental concepts of application development. Basic application development concepts will be explained, analyzed, and practiced.
INFOST 370	Data Analysis and Visualization for the Information Professional	3	Introduction to data analysis and visualization using simple statistical analyses to create graphical depictions of data that can improve comprehension, communication, and decision making.

INFOST 375	Multimedia Web Design	3	Fundamentals of interactive Web development and scripting, allowing students to create Web animations and render interactivity of information on the Web.
INFOST 410	Database Information Retrieval Systems	3	Introduces the design and development of different types of electronic information systems, including database types, design issues, application development, and software selection and evaluation.
INFOST 691	Special Topics: Content Management Systems	3	Provides skill base to create usable and highly functional websites with website builders and content management systems. Learn how to build sites with Wix, Squarespace, Wix, WordPress, and Drupal

Nursing			
Course Number	Course Name	Credits	Description
NURS 316	Palliative Care	3	This set focuses on the knowledge and skills necessary to provide professional competent care to those with life limiting conditions; develop system thinking skills that offer enhancements to quality of life; and demonstrates a leadership role in facilitating learning for those who are involved in life-limiting illness care.
NURS 317	Health Assessment	3	A focus on the knowledge and skills necessary to perform a complete health assessment of individuals of all ages and cultures. Emphasis is on extended knowledge as well as the cultural and holistic perspectives of health assessment as an essential component of nursing practice.
NURS 365-001	Global Health: Ethics & Human Rights	3	Examines the broad field of global health from an ethical and human rights perspective. Students will be expected to analyze the role of nursing in addressing global health inequities.
NURS 375	Genetics & Genomics for Health Professionals	3	This set emphasizes the relationship between the science of genetics, the study of genomes and application of these concepts by healthcare providers in the screening, assessment, diagnosis, treatment and evaluation of patients.
NURS 407	Foundations of Professional Nursing Practice	3	Philosophical perspectives, theories, and standards are applied to the practice of professional nursing. Factors influencing nursing practice and health care delivery are analyzed. Professional communication and critical thinking skills are enhanced.
NURS 441	Chronic Care Management	3	An exploration of the interaction of biological, psychological, social, and environmental factors important to understanding management of chronic conditions at the individual, family, community, and societal levels.

NURS 446	Research & Evidence-Based Practice	3	An introduction to the importance of research to improve clinical practice. Strategies to evaluate the quality of research and evidence and increase integration of research into practice are explored.
NURS 447	Leadership & Management	3	Examines nursing leadership and management using relevant theories and concepts. Analyzes decision-making in relation to communication, delegation, supervision and group process.
NURS 448	Mental Health Nursing Across the Care Curriculum	3	Focus on the knowledge and skills necessary for providing professional nursing care to individuals, groups, and families affected by mental illness in any setting.
NURS 453	Information Management & Healthcare Technology	3	Explores the use of computer and information/decision science to support quality and safety in health care. This set also explores informatics issues and examine nursing's role in healthcare technology.
NURS 454	Community Health Nursing	3	Explores the concepts of community health nursing, public health nursing and community-based nursing, A focus on nursing care of populations and communities to facilitate optimal health outcomes.
NURS 490	Independent Study	1 or 3	This is a nursing independent study competency set. Students create learning experiences to meet the competencies noted in a specialized nursing practice setting. Students must have the consent of the instructor to enroll in this competency set. *Note: this competency set can be taken as a 1-credit or a 3-credit competency set. Please consult with instructor.*