



NURSING

Associate in Applied Science (AAS) Program Code: 10-543-1 Total Credits: 66*†

The Associate Degree Nursing (ADN) program at Mid-State prepares each graduate to work successfully as a registered nurse (RN). Students acquire a balance of knowledge and technical skills in physical and biological sciences, social sciences, and nursing. They also contribute to classroom discussion, independent learning projects, simulation labs, and hands-on clinical experiences at area healthcare agencies. After completing all required first- and second-semester nursing courses, students can opt to take the national licensing exam for practical nurse (NCLEX-PN). After completing the entire nursing program, the graduate will be eligible to take the national licensing exam for registered nurse (NCLEX-RN).

Mid-State's Nursing program prepares students to obtain the required licensure to be employed/practice in the state of Wisconsin. The College does not guarantee its curriculum matches the requirements for preparation, examination, or licensure for other states.

Estimated tuition and fees: mstc.edu/programcosts

ACADEMIC ADVISOR

To schedule an appointment with an academic advisor, call 715.422.5300. Academic advisors will travel to other campuses as necessary to accommodate student needs. For more information about advising, visit mstc.edu/advising.

**The 1- credit GPS for Student Success course is a College requirement for graduation, not a Nursing program requirement. This course may be waived for students who are enrolled in a technical diploma program less than 6 credits that is not embedded within an Associate degree program or a program that entails 6 credits or less; have obtained 60 credits with a minimum GPA of 2.0; have obtained an Associate degree or a Baccalaureate degree; or are enrolled in a shared program.*

†The Nursing Assistant course is required for admission to the Nursing associate degree program and is not counted in the total credit value for this program. All students enrolled in the nursing bridge pathways are required to take this course.

CHECKLIST:

This section will be completed when meeting with your academic advisor.

- FAFSA (www.fafsa.gov)
- Financial Aid Form(s)
Form(s): _____
- Follow-Up Appointment:
Where: _____
When: _____
With: _____
- Official Transcripts
Mid-State Technical College
Student Services Assistant
1001 Centerpoint Drive
Stevens Point, WI 54481
- Criminal Background Statement of Understanding and Release of Information Form
- Technical Standards Form
- Health Work Requirement Discussion
- Other: _____



mstc.edu • 888.575.6782 • TTY: 711



ADAMS CAMPUS
401 North Main
Adams, WI 53910

MARSHFIELD CAMPUS
2600 West 5th Street
Marshfield, WI 54449

STEVENS POINT CAMPUS
1001 Centerpoint Drive
Stevens Point, WI 54481

WISCONSIN RAPIDS CAMPUS
500 32nd Street North
Wisconsin Rapids, WI 54494

CAREER PATHWAY • BEGIN AT ANY POINT

HIGH SCHOOL STUDENT

COLLEGE TRANSFER

RETURNING ADULT

CREDIT FOR PRIOR LEARNING AND EXPERIENCE

CREDIT FOR PRIOR LEARNING AND EXPERIENCE

- Certifications and Licenses
- High School Credit
- Military Experience
- National/Standardized Exams
- Transfer Credit
- Work and Life Experience

Learn about Credit for Prior Learning at mstc.edu/cpl.

ASSOCIATE IN APPLIED SCIENCE (AAS)

NURSING

Associate in Applied Science (AAS) • 66** Credits

Start Your Career

- Staff Nurse
- Clinic Nurse
- Charge Nurse

BACHELOR'S DEGREE

BACHELOR'S DEGREE OPTIONS

Alverno College, Arizona State University, Bryant & Stratton College, Cardinal Stritch University, Carthage College, Chamberlain College of Nursing, Chamberlain University, Grand Canyon University (GCU), Herzing University, Indiana Wesleyan University, Lakeland University, Marian University, Mount Mary University (MMU), Northern Michigan University, Purdue University Northwest, UW-Eau Claire, UW-Green Bay, UW-Oshkosh, UW-Madison, UW-Milwaukee, UW-Stevens Point, Viterbo University, and Western Governors University.

For more information and additional opportunities, visit mstc.edu/transfer.

OTHER OPTIONS

RELATED PROGRAMS

- Central Service Technician
- Health & Wellness Promotion
- Health Information Management
- Medical Assistant
- Medical Coder
- Nursing Assistant
- Phlebotomy Technician
- Respiratory Therapy
- Surgical Technology

PROGRAM OUTCOMES

Employers will expect you, as a Nursing graduate, to be able to:

- Integrate professional nursing identity reflecting integrity, responsibility, and nursing.
- Communicate comprehensive information using multiple sources in nursing practice.
- Integrate theoretical knowledge to support decision making.
- Integrate the nursing process into patient care across diverse populations.
- Function as a healthcare team member to provide safe and effective care.

TECHNICAL SKILLS ATTAINMENT

The Wisconsin Technical College System (WTCS) has implemented a requirement that all technical colleges measure program outcomes attained by students. This requirement is called Technical Skills Attainment (TSA). The main objective of TSA is to ensure graduates have the technical skills needed by employers. Nursing students will take the NCLEX-RN exam, and the results from this exam will satisfy the TSA requirement.

The Nursing program is approved by the Wisconsin Board of Nursing and accredited by the Accreditation Commission for Education in Nursing (ACEN). ACEN can be reached for program verification information at:

Accreditation Commission for Education in Nursing (ACEN)
3390 Peachtree Road NE, Suite 1400, Atlanta, GA 30326
www.acenursing.org • Phone: 404.975.5000

TO APPLY

To apply to the Nursing program, please submit the following to Mid-State Admissions:

Step 1:

1. Complete a Mid-State Application form and return it with a \$30 non-refundable application fee.
2. Submit the Criminal Background Statement of Understanding and Release of Information form.
This form is available at mstc.edu/programs/nursing.
Mid-State Technical College • Admissions
500 32nd Street North, Wisconsin Rapids, WI 54494
3. Submit Technical Standards form. This form is available at mstc.edu/programs/nursing.

Step 2 (required prior to starting core nursing classes):

1. Complete the Accuplacer or ACT test (if needed, as determined by academic advisor).
2. Complete the Nursing Assistant pre-requisite requirement.
3. Required completion of the following courses with a grade of "C" or better:
 - General Anatomy & Physiology
 - Advanced Anatomy & Physiology
 - Developmental Psychology
 - English Composition 1

4. Recommended completion of the following courses with a grade of "C" or better:

- Intro to Psychology
- Intro to Sociology or Introduction to Diversity Studies
- Microbiology
- Oral/Interpersonal Communication or Speech

TECHNICAL STANDARDS

A list of specific physical, emotional, and mental tasks needed to function as a nurse is available at mstc.edu/programs/nursing. Contact the Disability Services coordinator in the Student Services & Information Center to receive assistance.

CLINICAL-RELATED REQUIREMENTS

Students are required to purchase an account with a third-party vendor who manages documents relating to criminal background check, CPR, and health work. The student is responsible for all fees associated with these requirements. All requirements must be completed to be eligible for clinical placement.

Clinical sites have the right to refuse a student (initial or continued) placement. Reasons for refusal may include (but are not limited to) incomplete agency-required orientation/computer-based training, incomplete health work requirements, results of the background check, pending charges, or conviction records. If the clinical site will not allow the student to participate in clinical at that site, this may mean the student will not be able to progress in the program, and will therefore not be able to complete the courses required for graduation.

Prior to beginning a clinical experience in a health care facility, students must:

- a) Submit evidence of completed health work.
- b) Provide evidence of current American Heart Association or American Red Cross BLS CPR Certification.
- c) Complete all agency-required orientation and computer-based training.
- d) Accept responsibility for clinical assignment(s) regardless of time and location, including transportation and other personal arrangements.
- e) Obtain the required uniform for clinical experiences.

PROGRAM PROGRESSION AND COMPLETION

In order to progress in and successfully complete the program, students must:

- Maintain a program GPA of 2.0 or higher.
- Receive a grade of "C" or better in all courses required for graduation. Grades earned in core nursing courses are not rounded and will reflect the student's actual grade.
- If a student is not successful in a Nursing 10543 core course, he/she will need to repeat that course prior to progressing in the program. Potential continuation is dependent upon availability in the course/program.

A student may repeat the same course only once in the ADN program. If the course is failed a second time, the student will be withdrawn from the Nursing program. If an ADN student fails four separate nursing courses, the student will be

withdrawn from the program. Failures will include failing the same course or failing different courses. A withdrawal grade of “W” counts as one attempt for the course.

ARTICULATION OPPORTUNITIES

Articulation opportunities are between Wisconsin technical colleges with the implementation of the system-wide nursing curriculum. Identical courses in nursing throughout the Wisconsin Technical College System (WTCS) make transfer and readmission to other WTCS colleges easier for nursing students throughout the state. This articulation is based on seat availability and college residency requirements.

Also, articulation opportunities in nursing are available with most private universities and all public universities in Wisconsin. Generally, a graduate of Mid-State’s Nursing program can expect approximately 60–70 credits to transfer from Mid-State to a Wisconsin university.

ELIGIBILITY REQUIREMENTS FOR REGISTERED NURSE EXAMINATION

1. Graduated from high school or its equivalent as determined by the Wisconsin State Board of Nursing.
2. Wisconsin State Statutes require that the student DOES NOT have an arrest or conviction record for acts or circumstances that relate directly to the clinical practice of the license being requested (e.g., harm/injury; drug or alcohol impairment). Individuals cannot be discriminated against for arrest or conviction records if the precipitating actions do not directly relate to practice.
3. Graduated from a Wisconsin Board of Nursing approved program.

MAINTAINING A NURSING LICENSE

The Wisconsin State Board of Nursing may revoke, limit, suspend, or deny renewal of license if the person has committed any of the following:

1. Fraud in the procuring or renewal of the license.
2. One or more violations of the Nurse Practice Act (Chapter 441) or accompanying Administrative Rules.
3. Acts that show practitioner to be unfit or incompetent.
4. Misconduct or unprofessional conduct.

STUDENT HANDBOOK

Visit mstc.edu/studenthandbook to view Mid-State’s student handbook, which contains information about admissions, enrollment, appeals processes, services for people with disabilities, financial aid, graduation, privacy, Mid-State’s Student Code of Conduct, and technology.

GRADUATION REQUIREMENT*

The GPS for Student Success course is required for all Mid-State program students and is recommended to be completed before obtaining 12 credits. Some students are exempt from this requirement. Please see your program advisor for more information.

GPS for Student Success

10890102 1 credit

Integrate necessary skills for student success by developing an academic plan, identifying interpersonal attributes for success, adopting efficient and effective learning strategies, and utilizing Mid-State resources, policies, and processes. This course is recommended to be completed prior to obtaining 12 credits and is a graduation requirement unless you receive an exemption from your program advisor.

ADDITIONAL COURSES AS NEEDED

The following courses may be recommended or required if the student does not achieve minimum Accuplacer scores.

College Reading and Writing 1

10831104 3 credits

Provides learners with opportunities to develop and expand reading and writing skills to prepare for college-level academic work. Students will employ critical reading strategies to improve comprehension, analysis, and retention of texts. Students will apply the writing process to produce well-developed, coherent, and unified written work.

Pre-Algebra

10834109 3 credits

Provides an introduction to algebra. Includes operations on real numbers, solving linear equations, percent and proportion, and an introduction to polynomials and statistics. Prepares students for elementary algebra and subsequent algebra-related courses.

Prerequisite: Accuplacer Math score of 65, Accuplacer Algebra score of 30, ABE Math Prep V 76854785 and ABE Math Prep VI 76854786 with a grade of “S.” (Note: ABE Math Prep V and VI courses cannot be used to satisfy program completion requirements at Mid-State.)

SAMPLE CURRICULUM OPTION

Prerequisites/Required Prior to Beginning Nursing Courses

10806177	General Anatomy & Physiology	4
10806179	Advanced Anatomy & Physiology	4
10809188	Developmental Psychology	3
10801136	English Composition 1	3
30543300	Nursing Assistant [†]	3

Needed Prior to Graduation or Recommended Prior to Beginning Nursing Courses

10801196	Oral/Interpersonal Communication -or-	
10801198	Speech	3
10809172	Introduction to Diversity Studies -or-	
10809196	Intro to Sociology	3
10806197	Microbiology	4
10809198	Intro to Psychology	3
10890102	GPS for Student Success*	1

Nursing Courses

Term 1

10543101	Nursing Fundamentals	2
10543102	Nursing Skills	3
10543103	Nursing Pharmacology	2
10543104	Nursing Introduction to Clinical Practice	2

Term 2

10543105	Nursing Health Alterations	3
10543106	Nursing Health Promotion	3
10543107	Nursing: Clinical Care Across the Lifespan	2
10543108	Intro to Clinical Care Management	2

Term 3

10543109	Nursing: Complex Health Alterations 1	3
10543110	Mental Health & Community Concepts	2
10543111	Nursing: Intermediate Clinical Practice	3
10543112	Nursing Advanced Skills	1

Term 4

10543113	Nursing: Complex Health Alterations 2	3
10543114	Nursing Management & Professional Concepts	2
10543115	Nursing: Advanced Clinical Practice	3
10543116	Nursing: Clinical Transition	2

Total credits 66*†

NOTES:

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†The Nursing Assistant course is required for admission to the Nursing associate degree program and is not counted in the total credit value for this program.

This course has options available to receive credit for prior learning (CPL) or work experience. Visit the website at mstc.edu/cpl or contact your advisor for details.

Please Note:

- This curriculum sequence is only for student planning. Actual student schedules will vary depending on course availability.
- Program completion time may vary based on student scheduling and course availability. For details, go to mstc.edu/schedule.

COURSE DESCRIPTIONS

Nursing Fundamentals

105431012 credits

Focuses on basic nursing concepts to provide evidenced-based care to diverse patient populations across the lifespan. Current and historical issues impacting nursing are explored within the scope of nursing practice. Introduces the nursing process as a framework for organizing the care of patients.

Prerequisite: Successful completion of Step 1 & 2 Nursing program requirements.

Nursing Skills ☒

105431023 credits

Focuses on development of evidence-based clinical skills and physical assessment across the lifespan. Includes mathematical calculations and conversions related to clinical skills. Teaches techniques related to obtaining a health history and basic physical assessment skills using a body systems approach.

Prerequisite: Successful completion of Step 1 & 2 Nursing program requirements; Corequisites: Nursing Fundamentals 10543101 and Nursing Pharmacology 10543103.

Nursing Pharmacology ☒

105431032 credits

Introduces the principles of pharmacology, including drug classifications and their effects on the body. Emphasizes the use of the components of the nursing process when administering medications.

Prerequisite: Successful completion of Step 1 & 2 Nursing program requirements.

Nursing Introduction to Clinical Practice ☒

105431042 credits

This introductory clinical course emphasizes basic nursing skills and application of the nursing process in meeting the needs of diverse clients across the lifespan. Emphasis is placed on performing basic nursing skills, the formation of nurse-client relationships, communication, data collection, documentation, and medication administration.

Prerequisite: Successful completion of Step 1 & 2 Nursing program requirements; Corequisites: Nursing Fundamentals 10543101, Nursing Skills 10543102, and Nursing Pharmacology 10543103.

Nursing Health Alterations

105431053 credits

Elaborates on the basic concepts of health and illness as presented in Nursing Fundamentals. Applies theories of nursing in the care of patients through the lifespan, using problem solving and critical thinking. Provides an opportunity to study conditions affecting different body systems and apply evidence-based nursing interventions. Also introduces concepts of leadership and management.

Prerequisites: Nursing Fundamentals 10543101, Nursing Skills 10543102, Nursing Pharmacology 10543103, and Nursing Introduction to Clinical Practice 10543104.

Nursing Health Promotion

105431063 credits

Focuses on topics related to health promotion for individuals and families throughout the lifespan. Covers nursing care of the developing family, including reproductive issues, pregnancy, labor and delivery, post-partum, the newborn, and the child. Recognizing the spectrum of healthy families, students discern patterns associated with adaptive and maladaptive behaviors applying mental health principles. Emphasizes teaching and supporting healthy lifestyle choices for individuals of all ages. Nutrition, exercise, stress management, empowerment, and risk reduction practices are highlighted. Study of the family covers dynamics, functions, discipline styles, and stages of development.

Prerequisites: Nursing Fundamentals 10543101, Nursing Skills 10543102, Nursing Pharmacology 10543103, and Nursing Introduction to Clinical Practice 10543104.

Nursing: Clinical Care Across the Lifespan

105431072 credits

Applies nursing concepts and therapeutic interventions to clients across the lifespan. Provides an introduction to concepts of teaching and learning, and emphasizes extending care to include the family.

Prerequisites: Nursing Fundamentals 10543101, Nursing Skills 10543102, Nursing Pharmacology 10543103, and Nursing Introduction to Clinical Practice 10543104; Corequisite: Nursing Health Promotion 10543106.

Intro to Clinical Care Management

105431082 credits

Applies nursing concepts and therapeutic nursing interventions to groups of clients across the lifespan. Provides an introduction to leadership, management, and team building.

Prerequisites: Nursing Fundamentals 10543101, Nursing Skills 10543102, Nursing Pharmacology 10543103, and Nursing Introduction to Clinical Practice 10543104; Corequisite: Nursing Health Alterations 10543105.

Nursing: Complex Health Alterations 1

105431093 credits

Prepares the student to provide and evaluate care for patients across the lifespan with alterations in cardiovascular, respiratory, endocrine, and hematologic systems. Also focuses on patients with fluid/electrolyte and acid-base imbalance as well as alterations in comfort.

Prerequisites: Nursing Health Alterations 10543105, Nursing Health Promotion 10543106, Nursing Clinical Care Across the Lifespan 10543107, and Intro to Clinical Care Management 10543108.

Mental Health & Community Concepts

105431102 credits

Covers topics related to the delivery of community and mental health care. Specific health needs of individuals, families, and groups are addressed across the lifespan. Attention is given to diverse and at-risk populations. Mental health concepts concentrate on adaptive/maladaptive behaviors and specific mental health disorders. Community resources are examined in relation to specific types of support offered to racial, ethnic, economically diverse individuals and groups.

Prerequisites: Nursing Health Alterations 10543105, Nursing Health Promotion 10543106, Nursing Clinical Care Across the Lifespan 10543107, and Intro to Clinical Care Management 10543108.

COURSE DESCRIPTIONS

Nursing: Intermediate Clinical Practice

105431113 credits

This intermediate-level clinical course develops the RN role when working with clients with complex health care needs. Includes developing skills needed for managing multiple clients and priorities. Using the nursing process, students gain experience in adapting nursing practice to meet the needs of clients with diverse needs and backgrounds.

Prerequisites: Health Alterations 10543105, Nursing Health Promotion 10543106, Clinical Care Across the Lifespan 10543107, and Intro to Clinical Care Management 10543108; Corequisites: Nursing Complex Health Alterations 1 10543109, Mental Health & Community Concepts 10543110, and Nursing Advanced Skills 10543112.

Nursing Advanced Skills

10543112..... 1 credit

Focuses on the development of advanced clinical skills across the lifespan. Includes advanced intravenous skills, blood product administration, chest tube systems, basic electrocardiogram interpretation, and nasogastric/feeding tube insertion.

Prerequisites: Nursing Health Alterations 10543105, Nursing Health Promotion 10543106, Nursing Clinical Care Across the Lifespan 10543107, and Intro to Clinical Care Management 10543108; Corequisites: Nursing: Complex Health Alterations 1 10543109, and Mental Health & Community Concepts 10543110.

Nursing: Complex Health Alterations 2

10543113.....3 credits

Prepares students to provide and evaluate care for patients across the lifespan with alterations in the immune, neuro-sensory, musculoskeletal, gastrointestinal, hepatobiliary, renal/urinary, reproductive systems and shock, burns, and trauma. Includes a focus on managing care for patients with high-risk perinatal conditions and high-risk newborns.

Prerequisites: Nursing Complex Health Alterations 1 10543109, Mental Health & Community Concepts 10543110, Nursing Intermediate Clinical Practice 10543111, and Nursing Advanced Skills 10543112.

Nursing Management & Professional Concepts

105431142 credits

Covers nursing management and professional issues related to the role of the registered nurse. Emphasizes preparing for practice as a registered nurse.

Prerequisites: Nursing Complex Health Alterations 1 10543109, Mental Health & Community Concepts 10543110, Nursing Intermediate Clinical Practice 10543111, and Nursing Advanced Skills 10543112.

Nursing: Advanced Clinical Practice

10543115.....3 credits

This advanced clinical course requires the student to integrate concepts from all previous courses in the management of groups of clients facing complex health alterations. Students have the opportunity to further develop critical thinking skills using the nursing process in making clinical decisions. Emphasizes continuity of care through interdisciplinary collaboration.

Prerequisites: Nursing Complex Health Alterations 1 10543109, Mental Health & Community Concepts 10543110, Nursing Intermediate Clinical Practice 10543111, and Nursing Advanced Skills 10543112; Corequisites: Nursing: Complex Health Alterations 2 10543113 and Nursing Management & Professional Concepts 10543114.

Nursing: Clinical Transition

105431162 credits

This clinical experience integrates all knowledge learned in the previous courses in transitioning to the role of the graduate nurse. Promotes relatively independent clinical decisions, delegation, and working collaboratively with others to achieve client and organizational outcomes. Fosters continued professional development.

Corequisite: Nursing Advanced Clinical Practice 10543115

Nursing Assistant[†]

30543300.....3 credits

The Nursing Assistant program prepares students for employment as nursing assistants. The program also prepares Nursing Assistant students with some of the skills needed for the first semester of the Nursing program. During this 120-hour course, students are required to demonstrate the following skills under the supervision of a licensed nurse: communication, basic nursing assistant and personal care skills, attention to clients' rights, and care of clients with dementias. The program is recognized by the Wisconsin Department of Health Services as a nurse-aide training program. Upon successful completion of the program, students are eligible to take the Wisconsin Nursing Assistant competency evaluation for employment in nursing homes, hospitals, home health agencies, hospices, CBRFs, assisted living centers, and homes for the developmentally disabled.

Prerequisite: Admission to Nursing Assistant program 305431 and Nursing Assistant Checklist within last 3 months

English Composition 1

108011363 credits

Designed for learners to develop knowledge and skills in all aspects of the writing process. Planning, organizing, writing, editing, and revising are applied through a variety of activities. Students analyze audience and purpose, use elements of research, and format documents using standard guidelines. Individuals develop critical reading skills through analysis of various written documents.

Prerequisite: High School GPA of 3.0 or Accuplacer Writing of 262 or ACT of 20 or College Reading and Writing 1 10831104 with a "C" or better or equivalent. Students are encouraged to bring transcripts for further evaluation if they do not meet these requirements. Proficiency in word processing skills recommended.

COURSE DESCRIPTIONS

Oral/Interpersonal Communication ☑

108011963 credits

Focuses on developing effective listening techniques and verbal and nonverbal communication skills through oral presentation, group activity, and other projects. The study of self, conflict, and cultural contexts will be explored, as well as their impact on communication.

Prerequisite: High School GPA of 3.0 or Accuplacer Reading Skills of 236, Writing of 237, or ACT of 15 Reading/16 Writing. Students are encouraged to bring transcripts for further evaluation if they do not meet these requirements.

Speech ☑

108011983 credits

Explores the fundamentals of effective oral presentation to small and large groups. Topic selection, audience analysis, methods of organization, research, structuring evidence and support, delivery techniques, and other essential elements of speaking successfully, including the listening process, form the basis of this course. Bring transcripts for further evaluation if they do not meet these requirements.

Prerequisite: High School GPA of 3.0 or Accuplacer Reading of 253, Writing of 262, or ACT of 21 Reading/19 Writing, or completion of College Reading and Writing 1 10831104 with a "C" or better or equivalent. Students are encouraged to bring transcripts for further evaluation if they do not meet these requirements.

General Anatomy & Physiology ☑

10806177 4 credits

Examines basic concepts of human anatomy and physiology as they relate to health sciences. Using a body systems approach, the course emphasizes the interrelationships between structure and function at the gross and microscopic levels of organization of the entire human body. It is intended to prepare health care professionals who need to apply basic concepts of whole body anatomy and physiology to informed decision making and professional communication with colleagues and patients.

Prerequisite: High School GPA of 3.0 or Accuplacer Reading Skills of 236 or ACT of 15, or General Chemistry 10806134 with a grade of "C" or better, or General Biology 10806114 with a grade of "C" or better, or Human Body in Health & Disease 31509302 with a "C" or better. Students are encouraged to bring transcripts for further evaluation if they do not meet these requirements.

Advanced Anatomy & Physiology

10806179 4 credits

The second semester in a two-semester sequence in which normal human anatomy and physiology are studied using a body system approach with emphasis on the interrelationships between form and function at the gross and microscopic levels of organization. Instructional delivery is within a classroom and laboratory setting. Experimentation within a science lab includes analysis of cellular metabolism and the individual components of body systems such as the nervous, neuromuscular, cardiovascular, and urinary. Continued examination of homeostatic mechanisms and their relationship to fluid, electrolyte, acid-base balance, and blood. Integration of genetics to human reproduction and development are also included in this course.

Prerequisite: General Anatomy & Physiology 10806177 with a grade of "C" or better

Microbiology ☑

10806197..... 4 credits

Examines microbial structure, metabolism, genetics, growth, and the relationship between humans and microorganisms. Disease production, epidemiology, host defense mechanisms, and the medical impact of microbes in the environment, industry, and biotechnology are also addressed.

Prerequisite: General Anatomy & Physiology 10806177 with a "C" or better, or General Biology 10806114 with a "C" or better, or Plant Biology 10806184 with a grade of "C" or better

Introduction to Diversity Studies ☑

10809172.....3 credits

Introduces learners to the study of diversity from a local to a global environment using a holistic, interdisciplinary approach. Encourages self-exploration and prepares the learner to work in a diverse environment. In addition to an analysis of majority/minority relations in a multicultural context, the primary topics of race, ethnicity, age, gender, class, sexual orientation, disability, and religion are explored.

Prerequisite: High School GPA of 3.0 or Accuplacer Reading Skills of 236, Writing of 237 or ACT of 15 Reading/16 Writing. Students are encouraged to bring transcripts for further evaluation if they do not meet these requirements.

Developmental Psychology ☑

10809188.....3 credits

Studies human development throughout the lifespan and explores developmental theory and research with an emphasis on the interactive nature of the biological, cognitive, and psychosocial changes that affect the individual from conception to death. Application activities and critical thinking skills enable students to gain an increased knowledge and understanding of themselves and others.

Prerequisite: High School GPA of 3.0 or Accuplacer Reading Skills of 236, Writing of 237 or ACT of 15 Reading/16 Writing. Students are encouraged to bring transcripts for further evaluation if they do not meet these requirements.

Intro to Sociology ☑

108091963 credits

Introduces students to the basic concepts of sociology: culture, socialization, social stratification, multi-culturalism, and the five institutions of family, politics, economics, religion, and education. Other topics include demography, deviance, technology, environment, social issues, social change, and social organization.

Prerequisite: High School GPA of 3.0 or Accuplacer Reading Skills of 236, Writing of 237 or ACT of 15 Reading/16 Writing. Students are encouraged to bring transcripts for further evaluation if they do not meet these requirements.

Intro to Psychology ☑

108091983 credits

This science of psychology course is a survey of multiple aspects of behavior and mental processes. It provides an overview of topics such as research methods, theoretical perspectives, learning, cognition, memory, motivation, emotions, personality, abnormal psychology, physiological factors, social influences, and development.

Prerequisite: High School GPA of 3.0 or Accuplacer Reading Skills of 236, Writing of 237 or ACT of 15 Reading/16 Writing. Students are encouraged to bring transcripts for further evaluation if they do not meet these requirements.