

NURSING (NURS)

100 Level Courses

NURS 103: Introduction to Professional Nursing. 3 credits.

Introduces students to essential characteristics of professional nursing practice in today's healthcare system and the interconnected global community. Concepts to be explored include the history and theoretical basis of the nursing profession, the profession as part of a wider healthcare community and delivery system, professional communication, self-reflection, and self-care as means to promote health and wellness of self and others. An introduction to the responsibility of self-directed, life-long learning, and evidence-based practice is included. An emphasis will be placed on the complexity and holism of culturally sensitive nursing care for diverse patient populations. This course provides opportunities for applied learning in the simulation center. Offered by Nursing. Limited to two attempts.

Registration Restrictions:

Enrollment limited to students in a Bachelor of Science in Nursing degree.

Schedule Type: Laboratory, Lecture

Grading:

This course is graded on the Undergraduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 113: Population Health Nursing. 3 credits.

Examines the health of groups of individuals and the equitable distribution of health within these groups. Using state and local health data as examples, students are introduced to epidemiology and evidenced-based population health with an emphasis on health promotion and primary and secondary prevention. This course provides opportunities for applied learning in the simulation center. Offered by Nursing. Limited to two attempts.

Registration Restrictions:

Required Prerequisites: (NURS 103^{C+} or 103^{XS}).

* May be taken concurrently.

^{C+} Requires minimum grade of C+.

^{XS} Requires minimum grade of XS.

Enrollment limited to students in a Bachelor of Science in Nursing degree.

Schedule Type: Laboratory, Lecture

Grading:

This course is graded on the Undergraduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

200 Level Courses

NURS 214: Nursing Care of the Community I. 1 credit.

Focuses on collaboration with the community to translate and develop population-based interventions that promote the health of the community and its members. Students apply principles of epidemiology, public health, health promotion, disease prevention, community resourcing, and community engagement focusing on the role of the community/public health nurse caring for individuals, families, communities, and populations. Offered by Nursing. Limited to two attempts.

Registration Restrictions:

Enrollment limited to students in a Bachelor of Science in Nursing degree.

Schedule Type: Laboratory

Grading:

This course is graded on the Satisfactory/No Credit scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 215: Nursing Care of the Community II. 1 credit.

Focuses on collaboration with the community to design and implement population-based interventions that promote the health of the community and its members. Students apply principles of epidemiology, public health, health promotion, disease prevention, community resourcing, and community engagement, focusing on the role of the community/public health nurse caring for individuals, families, communities, and populations. Offered by Nursing. Limited to two attempts.

Registration Restrictions:

Required Prerequisites: (NURS 214 or 214^{XS}).

^{XS} Requires minimum grade of XS.

Enrollment limited to students in a Bachelor of Science in Nursing degree.

Schedule Type: Laboratory

Grading:

This course is graded on the Satisfactory/No Credit scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 240: Pharmacology for Nursing Practice. 3 credits.

Covers principles of pharmacokinetics, pharmacodynamics of selected drug classifications, and nursing responsibilities related to drug administration to individuals throughout life span. Offered by Nursing. Limited to two attempts. Equivalent to NURS 343.

Recommended Corequisite: NURS 241, 243, and 244.

Registration Restrictions:

Required Prerequisites: (((BIOL 124^C or 124^{XS}) and (BIOL 125^C or 125^{XS})) or ((GCH 270^C or 270^{XS}) and (GCH 271^C or 271^{XS}))) and (NURS 113^C or 113^{XS}) and (CHEM 103^C or 103^{XS})).

^C Requires minimum grade of C.

^{XS} Requires minimum grade of XS.

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bachelor of Science in Nursing degree.

Schedule Type: Lecture

Grading:

This course is graded on the Undergraduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 241: Essentials of Nursing Practice. 3 credits.

Introduces students to the essentials of nursing care for adults with chronic disease. Emphasizes person-centered care relative to social/behavioral risks and social needs in chronic disease management delivered in outpatient settings. Concepts to be explored include health promotion, disease prevention, and optimizing health. Offered by Nursing. Limited to two attempts.

Recommended Corequisite: NURS 240, NURS 243, and NURS 244.

Registration Restrictions:

Required Prerequisites: (((BIOL 124^C or 124^{XS}) and (BIOL 125^C or 125^{XS})) or ((GCH 270^C or 270^{XS}) and (GCH 271^C or 271^{XS}))) and (NURS 113^C or 113^{XS})).

^C Requires minimum grade of C.

^{XS} Requires minimum grade of XS.

Enrollment limited to students in a Bachelor of Science in Nursing degree.

Schedule Type: Lecture

Grading:

This course is graded on the Undergraduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 243: Health Assessment for Nursing Practice. 3 credits.

This course introduces the student to systematic health assessment across the lifespan and expands the knowledge base to include the knowledge and skills necessary to perform comprehensive health assessment with culturally diverse and vulnerable populations. Offered by Nursing. Limited to two attempts. Equivalent to NURS 425.

Recommended Corequisite: NURS 240, 241, and 244

Registration Restrictions:

Required Prerequisites: (((BIOL 124^C or 124^{XS}) and (BIOL 125^C or 125^{XS})) or ((GCH 270^C or 270^{XS}) and (GCH 271^C or 271^{XS}))) and (NURS 113^{C+} or 113^{XS})).

^C Requires minimum grade of C.

^{XS} Requires minimum grade of XS.

^{C+} Requires minimum grade of C+.

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bachelor of Science in Nursing degree.

Schedule Type: Laboratory, Lecture

Grading:

This course is graded on the Undergraduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 244: Clinical Management of Essentials of Nursing Practice. 2 credits.

Introduces students to health promotion and disease prevention strategies for adults in community/residential settings (non-acute care). Students apply hands-on physical assessment knowledge and skills, utilize technical skills, and practice communication skills between clients, peers, faculty, and other healthcare team members. Knowledge and concepts from NURS 241 will be applied in the clinical setting. Applied learning will also occur in the Simulation Center. Offered by Nursing. Limited to two attempts.

Recommended Corequisite: NURS 240, NURS 241, and NURS 243

Registration Restrictions:

Required Prerequisites: (((BIOL 124^C or 124^{XS}) and (BIOL 125^C or 125^{XS})) or ((GCH 270^C or 270^{XS}) and (GCH 271^C or 271^{XS}))) and (NURS 113^C or 113^{XS})).

^C Requires minimum grade of C.

^{XS} Requires minimum grade of XS.

Enrollment limited to students in a Bachelor of Science in Nursing degree.

Schedule Type: Laboratory

Grading:

This course is graded on the Satisfactory/No Credit scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

300 Level Courses

NURS 300: Nursing Care of Adults I. 2 credits.

Builds onto the essentials of nursing care of adults with complex acute care needs and/or acute exacerbations of chronic conditions requiring secondary and/or tertiary health care services. Focuses on regenerative/restorative care including the topics of hospice, palliative, and supportive care. Emphasizes person-centered care within multiple complicated contexts, including family and/or important others. Offered by Nursing. Limited to two attempts.

Recommended Corequisite: NURS 306

Registration Restrictions:

Required Prerequisites: ((NURS 241^{C+} or 241^{XS}) and (NURS 244^{C+} or 244^{XS})).

^{C+} Requires minimum grade of C+.

^{XS} Requires minimum grade of XS.

Enrollment limited to students in a Bachelor of Science in Nursing degree.

Schedule Type: Lecture

Grading:

This course is graded on the Undergraduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 305: Application of Basic Nursing Techniques. 1 credit.

To be taken fall semester of accelerated second degree program. Introduces basic nursing technologies, and provides opportunities to apply these skills in simulated technology lab. Offered by Nursing. Limited to two attempts.

Recommended Prerequisite: Acceptance into accelerated nursing pathway.

Registration Restrictions:

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bachelor of Science in Nursing degree.

Schedule Type: Laboratory

Grading:

This course is graded on the Satisfactory/No Credit scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 306: Clinical Management: Adults I. 2 credits.

Care for adults whose chronic disease has progressed necessitating hospitalization. Students will utilize the information and concepts from NURS 300 to provide direct care for adults/older adults in the acute care setting. The medical/surgical patients will include those that are diverse, vulnerable, and experiencing physiologic, psychological and social health problems. Offered by Nursing. Limited to two attempts.

Recommended Corequisite: NURS 300

Registration Restrictions:

Required Prerequisites: ((NURS 241^{C+} or 241^{XS}) and (NURS 244^{C+} or 244^{XS})).

^{C+} Requires minimum grade of C+.

^{XS} Requires minimum grade of XS.

Enrollment limited to students in a Bachelor of Science in Nursing degree.

Schedule Type: Laboratory

Grading:

This course is graded on the Satisfactory/No Credit scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 309: Introduction to Basic Nursing Care. 3 credits.

Enrollment restricted to second-degree students only. Introduces basic fundamentals of nursing care across the life span. Emphasis on nursing process, critical thinking, and foundational technologies and skills required to practice in the health care setting. Notes: Enrollment restricted to second-degree students only. Requires acceptance into the accelerated nursing pathway. Offered by Nursing. Limited to two attempts.

Registration Restrictions:

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bachelor of Science in Nursing degree.

Schedule Type: Lecture

Grading:

This course is graded on the Undergraduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 310: Application of Basic Nursing Care. 4 credits.

Application of basic nursing care in acute care settings utilizing the nursing process. Note: Open only to second degree students. Enrollment is controlled. Offered by Nursing. Limited to two attempts.

Registration Restrictions:

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bachelor of Science in Nursing degree.

Schedule Type: Laboratory

Grading:

This course is graded on the Satisfactory/No Credit scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 311: Nursing Care: Mental Health and Well-Being. 2 credits.

Focuses on the nursing care, pathophysiological and psychological, social-cultural, and risk reduction implications of health problems in the area of mental health and psychiatric nursing. Offered by Nursing. Limited to two attempts. Equivalent to NURS 468.

Registration Restrictions:

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bachelor of Science in Nursing degree.

Schedule Type: Lecture

Grading:

This course is graded on the Undergraduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 312: Basic Nursing Care of Adults. 4 credits.

Provides the student the opportunity to practice health assessment and fundamental nursing skills with adult medical/surgical clients, including those who are culturally diverse, vulnerable, and experiencing physiological, psychological, and social health problems. Offered by Nursing. Limited to two attempts.

Registration Restrictions:

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bachelor of Science in Nursing degree.

Schedule Type: Laboratory

Grading:

This course is graded on the Satisfactory/No Credit scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 314: Clinical Management: Mental Health & Well Being. 2 credits.

Clinical experience with a focus on collaborative nursing care with individuals, families, and large groups in the community. Emphasis is on health promotion and disease prevention for well populations and community-based care for individuals and families with acute chronic diseases. Notes: Open to traditional and LPN students only. Offered by Nursing. Limited to two attempts. Equivalent to NURS 469.

Registration Restrictions:

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bachelor of Science in Nursing degree.

Schedule Type: Laboratory

Grading:

This course is graded on the Satisfactory/No Credit scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 315: Nursing Care of the Community III. 1 credit.

Focuses on collaboration with the community to analyze and evaluate population-based interventions that promote the health of the community and its members. Students apply principles of epidemiology, public health, health promotion, disease prevention, community resourcing, and community engagement, focusing on the role of the community/public health nurse caring for individuals, families, communities, and populations. Offered by Nursing. Limited to two attempts.

Registration Restrictions:

Required Prerequisites: (NURS 215 or 215^{XS}).

^{XS} Requires minimum grade of XS.

Enrollment limited to students in a Bachelor of Science in Nursing degree.

Schedule Type: Laboratory

Grading:

This course is graded on the Satisfactory/No Credit scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 316: Nursing Care of the Community IV. 1 credit.

Focuses on collaboration with the community to compile and maximize population-based interventions that promote the health of the community and its members. Students apply principles of epidemiology, public health, health promotion, disease prevention, community resourcing, and community engagement, focusing on the role of the community/public health nurse caring for individuals, families, communities, and populations. Offered by Nursing. Limited to two attempts.

Registration Restrictions:

Required Prerequisites: (NURS 315 or 315^{XS}).

^{XS} Requires minimum grade of XS.

Enrollment limited to students in a Bachelor of Science in Nursing degree.

Schedule Type: Laboratory

Grading:

This course is graded on the Satisfactory/No Credit scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 319: *Pathophysiological Basis for Nursing Care of Individuals and Small Groups.* 4 credits.

Focuses on pathophysiological, psychological, sociocultural, and risk-reduction factors related to nursing care for clients with psychiatric conditions, as well as for child-bearing women, infants, children, and adolescents with acute health care needs. Offered by Nursing. Limited to two attempts.

Recommended Prerequisite: Acceptance into accelerated nursing pathway. Enrollment is controlled.

Registration Restrictions:

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bach of Science in Nursing degree.

Schedule Type: Lecture

Grading:

This course is graded on the Undergraduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 320: *Nursing Care: Women and Childbearing Families.* 2 credits.

Introduces normal and abnormal processes with maternal-infant clients including cultural diversity and vulnerable populations. Focuses on normal physiological, pathophysiological, psychological, sociocultural, risk reduction, and nursing care of these clients. Offered by Nursing. Limited to two attempts. Equivalent to NURS 348.

Registration Restrictions:

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bach of Science in Nursing degree.

Schedule Type: Lecture

Grading:

This course is graded on the Undergraduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 324: *Clinical Management: Women and Childbearing Families.* 2 credits.

Provides the student an opportunity to perform nursing care to the maternal/infant client, including those who are culturally diverse and vulnerable, and experiencing physiological, psychological, and social health problems in a variety of settings. Contact the department for meeting dates and times. Notes: Enrollment is controlled. Offered by Nursing. Limited to two attempts. Equivalent to NURS 358.

Registration Restrictions:

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bach of Science in Nursing degree.

Schedule Type: Laboratory

Grading:

This course is graded on the Satisfactory/No Credit scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 330: *Nursing Fundamentals.* 3 credits.

Introduces nursing process and communication skills as the foundation for beginning health assessment and fundamental nursing care for culturally diverse individuals throughout the life span. Offered by Nursing. Limited to two attempts.

Recommended Corequisite: NURS 312.

Registration Restrictions:

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bach of Science in Nursing degree.

Schedule Type: Lecture

Grading:

This course is graded on the Undergraduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 331: *Nursing Care: Children and Adolescents.* 2 credits.

Focuses on changing health needs of culturally diverse and vulnerable populations. Includes nursing care, pathophysiological, psychological, sociocultural, and risk-reduction implications of frequently experienced health problems in pediatric population. Offered by Nursing. Limited to two attempts. Equivalent to NURS 349.

Registration Restrictions:

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bach of Science in Nursing degree.

Schedule Type: Lecture

Grading:

This course is graded on the Undergraduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 334: *Nursing as a Health Profession and Discipline.* 2 credits.

Introduces nursing as a dynamic and caring health profession. Explores nursing's impact through health promotion and disease prevention activities on the health status of culturally diverse and vulnerable individuals, families, small groups, and communities across the life span. Incorporates nursing theory and critical thinking processes as they apply to the art and science of nursing. Provides historical perspectives on ethical, legal, political, and social issues. Offered by Nursing. Limited to two attempts.

Registration Restrictions:

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bach of Science in Nursing degree.

Schedule Type: Lecture

Grading:

This course is graded on the Undergraduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 335: *Clinical Management: Children and Adolescents.* 2 credits.

Provides the student an opportunity to perform nursing care to the pediatric client, including those who are culturally diverse and vulnerable, and experiencing physiological, psychological, and social health problems in a variety of settings. Contact department for meeting dates/times. Notes: Enrollment is controlled. Offered by Nursing. Limited to two attempts. Equivalent to NURS 359.

Registration Restrictions:

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bach of Science in Nursing degree.

Schedule Type: Laboratory

Grading:

This course is graded on the Satisfactory/No Credit scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 336: Concepts in Professional Nursing as a Discipline. 3 credits.
Provides an analysis of the profession and explores nursing philosophies and theories. Explores legal, ethical, political, and technological issues in health care at various nursing levels. Addresses critical thinking and its application to the collaborative nursing process. Utilizes the American Psychological Association formatting style for professional writing within the nursing profession. Notes: Must be admitted to the RN-to-BSN program. Offered by Nursing. Limited to two attempts.

Registration Restrictions:

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bachelor of Science in Nursing degree.

Schedule Type: Lecture

Grading:

This course is graded on the Undergraduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 337: Application of Nursing Fundamental Technologies. 1 credit.
Opportunity to practice health assessment and fundamental nursing technologies while using communication skills with culturally diverse and vulnerable populations in a variety of settings. Offered by Nursing. Limited to two attempts.

Recommended Prerequisite: Junior standing.

Recommended Corequisite: NURS 312.

Registration Restrictions:

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bachelor of Science in Nursing degree.

Schedule Type: Laboratory

Grading:

This course is graded on the Satisfactory/No Credit scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 343: Pharmacology. 3 credits.

Covers principles of pharmacokinetics, pharmacodynamics of selected drug classifications, and nursing responsibilities related to drug administration to individuals throughout life span. Offered by Nursing. Limited to two attempts. Equivalent to NURS 240.

Registration Restrictions:

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bachelor of Science in Nursing degree.

Schedule Type: Lecture

Grading:

This course is graded on the Undergraduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 344: Intermediate Nursing Technologies. 1 credit.

Laboratory course to assist students in acquiring therapeutic nursing interventions. Technologies presented are asepsis and wound care, administration of medications including dosage calculations, and management of intravenous therapy. Offered by Nursing. Limited to two attempts.

Recommended Prerequisite: NURS 312, 330, 337, 347, 425.

Registration Restrictions:

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bachelor of Science in Nursing degree.

Schedule Type: Laboratory

Grading:

This course is graded on the Satisfactory/No Credit scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 347: Adult Pathophysiology and Nursing Care. 3 credits.

Explores pathophysiology of a variety of commonly encountered diseases/disorders/illnesses in the adult population. Analyzes appropriate nursing, medical and surgical interventions. Introduces preventive strategies, including patient and family education, that maintain and maximize wellness. Offered by Nursing. Limited to two attempts.

Recommended Prerequisite: Acceptance into junior standing.

Registration Restrictions:

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bachelor of Science in Nursing degree.

Schedule Type: Lecture

Grading:

This course is graded on the Undergraduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 348: Maternal-Newborn Physiology, Pathophysiology, and Nursing Care. 2 credits.

Introduces normal and abnormal processes with maternal-infant clients including cultural diversity and vulnerable populations. Focuses on normal physiological, pathophysiological, psychological, sociocultural, risk reduction, and nursing care of these clients. Offered by Nursing. Limited to two attempts. Equivalent to NURS 320.

Recommended Prerequisite: Acceptance into junior standing.

Registration Restrictions:

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bachelor of Science in Nursing degree.

Schedule Type: Lecture

Grading:

This course is graded on the Undergraduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 349: Pediatric Pathophysiology and Nursing Care. 2 credits.

Focuses on changing health needs of culturally diverse and vulnerable populations. Includes nursing care, pathophysiological, psychological, sociocultural, and risk-reduction implications of frequently experienced health problems in pediatric population. Offered by Nursing. Limited to two attempts. Equivalent to NURS 331.

Recommended Prerequisite: Acceptance into junior standing.

Registration Restrictions:

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bachelor of Science in Nursing degree.

Schedule Type: Lecture

Grading:

This course is graded on the Undergraduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 350: *Application of Nursing Care for Individuals and Small Groups.* 4 credits.

Includes five weeks of clinical experience in each specialty area, with focus on obstetric and family nursing, pediatric, and psychiatric mental health nursing. Students may also follow selected clients in clinics or home situations. Clinical consists of two full days per week in acute-care agencies. Notes: Open to accelerated second degree students Offered by Nursing. Limited to two attempts.

Recommended Corequisite: NURS 319, 353 and 419.

Registration Restrictions:

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bach of Science in Nursing degree.

Schedule Type: Laboratory

Grading:

This course is graded on the Satisfactory/No Credit scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 351: *Application of Intermediate Nursing Technologies.* 1 credit.

Introduces intermediate nursing technologies and provides opportunities to apply these skills in simulated technology lab. Offered by Nursing. Limited to two attempts.

Recommended Prerequisite: NURS 305, 309, 310, 334, 419 and 425.

Recommended Corequisite: NURS 350.

Registration Restrictions:

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bach of Science in Nursing degree.

Schedule Type: Laboratory

Grading:

This course is graded on the Satisfactory/No Credit scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 358: *Health Promotion and Disease Prevention in Maternal/Infant Nursing.* 2 credits.

Provides the student an opportunity to perform nursing care to the maternal/infant client, including those who are culturally diverse and vulnerable, and experiencing physiological, psychological, and social health problems in a variety of settings. Contact the department for meeting dates and times. Notes: Enrollment is controlled. Offered by Nursing. Limited to two attempts. Equivalent to NURS 324.

Recommended Prerequisite: NURS 348. Concurrent enrollment is also permitted.

Registration Restrictions:

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bach of Science in Nursing degree.

Schedule Type: Laboratory

Grading:

This course is graded on the Satisfactory/No Credit scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 359: *Health Promotion and Disease Prevention in Pediatric Nursing.* 2 credits.

Provides the student an opportunity to perform nursing care to the pediatric client, including those who are culturally diverse and vulnerable,

and experiencing physiological, psychological, and social health problems in a variety of settings. Contact department for meeting dates/times. Notes: Enrollment is controlled. Offered by Nursing. Limited to two attempts. Equivalent to NURS 335.

Recommended Prerequisite: NURS 349. Concurrent enrollment is also permitted.

Registration Restrictions:

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bach of Science in Nursing degree.

Schedule Type: Laboratory

Grading:

This course is graded on the Satisfactory/No Credit scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 388: *Problem-Based Clinical Inquiry.* 3 credits.

Focuses on analyzing clinical problems and attempts to resolve issues using critical thinking. Students examine the data in the cases, draw inferences, make deductions, identify assumptions, generate interpretations, evaluate weakness and strengths of arguments, and document their findings. Offered by Nursing. Limited to two attempts.

Registration Restrictions:

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bach of Science in Nursing degree.

Schedule Type: Lecture

Grading:

This course is graded on the Undergraduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

400 Level Courses

NURS 400: *Nursing Care of Adults II.* 2 credits.

Focuses on adults in the acute care setting experiencing serious illness and/or life-threatening conditions. Emphasizes regenerative and/or restorative care of individual and examines hospice, palliative, and supportive care relative to the individual and/or important others. Offered by Nursing. Limited to two attempts.

Recommended Corequisite: NURS 406

Registration Restrictions:

Required Prerequisites: ((NURS 300^{C+} or 300^{XS}) and (NURS 306^{C+} or 306^{XS})).

^{C+} Requires minimum grade of C+.

^{XS} Requires minimum grade of XS.

Enrollment limited to students in a Bach of Science in Nursing degree.

Schedule Type: Lecture

Grading:

This course is graded on the Undergraduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 406: *Clinical Management: Adults II.* 2 credits.

Focuses on regenerative and restorative care for adults that have more complex or severe disease/illness requiring hospitalization and a higher level of care than that provided on a general medical-surgical unit. Care settings may include monitored units, intermediate care or critical care units and perioperative care areas. Students integrate advanced skills

into the care of seriously ill adults. Offered by Nursing. Limited to two attempts.

Recommended Corequisite: NURS 400

Registration Restrictions:

Required Prerequisites: ((NURS 300^{C+} or 300^{XS}) and (NURS 306 or 306^{XS})).

^{C+} Requires minimum grade of C+.

^{XS} Requires minimum grade of XS.

Enrollment limited to students in a Bachelor of Science in Nursing degree.

Schedule Type: Laboratory

Grading:

This course is graded on the Satisfactory/No Credit scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 410: *Nursing Care of Clients with Pathological Conditions*. 3 credits. Encompasses complex health problems of culturally diverse and vulnerable populations throughout the life span. Focuses on nursing care needs and pathophysiological, psychological, and sociocultural implications of complicated health problems. Offered by Nursing. Limited to two attempts.

Recommended Prerequisite: Completion of all junior year nursing courses.

Registration Restrictions:

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bachelor of Science in Nursing degree.

Schedule Type: Lecture

Grading:

This course is graded on the Undergraduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 413: *Transition to Practice*. 3 credits.

Opportunity to provide complex, collaborative nursing care to culturally diverse and vulnerable populations. Notes: Concentrated clinicals available in selected institutional settings. Offered by Nursing. Limited to two attempts. Offered by Nursing. Limited to two attempts.

Registration Restrictions:

Required Prerequisites: (NURS 331^{C+} and 335^{C+}).

^{C+} Requires minimum grade of C+.

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bachelor of Science in Nursing degree.

Schedule Type: Laboratory

Grading:

This course is graded on the Satisfactory/No Credit scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 419: *Pathophysiological Basis for Nursing Care of Individuals and Small Groups II*. 4 credits.

Enrollment restricted to second degree students only. Explores the nursing care of adults and the implications of acute and chronic conditions on the physiological, psychological, and socio-cultural aspects of individuals and families. Analyzes medical and surgical interventions for a variety of commonly encountered diseases/disorders/illnesses. Evaluates primary, secondary and tertiary prevention strategies in order

to assist adults in maximizing wellness and introduces patient teaching strategies. Offered by Nursing. Limited to two attempts.

Recommended Prerequisite: NURS 305, 309, 310, 319, 334, 425. Note: Open only to Second Degree students.

Registration Restrictions:

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bachelor of Science in Nursing degree.

Schedule Type: Lecture

Grading:

This course is graded on the Undergraduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 425: *Comprehensive Health Assessment*. 3 credits.

Open only to RNs and LPNs. Introduces systematic health assessment across the life span, and expands that knowledge base to include knowledge and skills necessary to perform comprehensive health assessments with culturally diverse and vulnerable populations. Offered by Nursing. Limited to two attempts. Equivalent to NURS 243.

Registration Restrictions:

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bachelor of Science in Nursing degree.

Schedule Type: Laboratory, Lecture

Grading:

This course is graded on the Undergraduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 427: *Advanced Technologies for the Accelerated Pathway*. 1 credit.

Advanced technology course developing knowledge base related to acquisition of advanced skills in nursing practice. Refinement of assessment skills associated with selected advanced technologies integrated into this laboratory course. Offered by Nursing. Limited to two attempts.

Registration Restrictions:

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bachelor of Science in Nursing degree.

Schedule Type: Laboratory

Grading:

This course is graded on the Satisfactory/No Credit scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 428: *Community Health Clinical for the Accelerated Pathway*. 2 credits.

Clinical experience with a focus on collaborative nursing care with individuals, families, and large groups in the community. Emphasis on health promotion and disease prevention for well populations, and community-based care for individuals and families with acute and chronic illness. Offered by Nursing. Limited to two attempts.

Recommended Prerequisite: NURS 436, 440.

Registration Restrictions:

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bachelor of Science in Nursing degree.

Schedule Type: Laboratory

Grading:

This course is graded on the Satisfactory/No Credit scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 429: Preceptorship for the Accelerated Pathway. 3 credits.

Opportunity to deliver collaborative nursing care to culturally diverse and vulnerable populations. Notes: Concentrated clinical experiences available in selected institutional settings. Offered by Nursing. Limited to two attempts.

Recommended Prerequisite: NURS 309, 310, 320, 343, 419, 436.

Registration Restrictions:

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bach of Science in Nursing degree.

Schedule Type: Laboratory

Grading:

This course is graded on the Satisfactory/No Credit scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 434: Vulnerable Populations. 3 credits.

Focuses on the care of vulnerable and aging populations. Students will examine health disparities, health literacy, and multicultural issues that impact the delivery of health care. Students will analyze health care policies and health care delivery models that offer potential interventions for the identified needs of these populations. Offered by Nursing. Limited to two attempts.

Recommended Prerequisite: RN to BSN students.

Recommended Corequisite: NURS 336.

Registration Restrictions:

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bach of Science in Nursing degree.

Schedule Type: Lecture

Grading:

This course is graded on the Undergraduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 435: Public Health Preceptorship for Nurses. 3 credits.

Expands nursing students' understanding of population-focused health care. Emphasis will be on prevention principles in primary, secondary, and tertiary care of health problems. Students will be exposed to concepts of community, public health, and health policy affecting culturally diverse and vulnerable populations in a selection of community and public health settings. Offered by Nursing. Limited to two attempts.

Schedule Type: Internship

Grading:

This course is graded on the Satisfactory/No Credit scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 436: Leadership and Management of Health Care. 3 credits.

Introductory course in the leadership and management of health-related organizations. Reviews administrative issues in health-related services with particular emphasis on developing organizational strategies for effective interfacing of medical, nursing, allied health, and administrative staff. Offered by Nursing. May be repeated within the degree for a maximum 6 credits. Equivalent to HAP 416, NURS 460.

Recommended Prerequisite: Completion of all junior year nursing courses or admission to RN to BSN program.

Registration Restrictions:

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bach of Science in Nursing degree.

Schedule Type: Lecture

Grading:

This course is graded on the Undergraduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 440: Community Health and Epidemiology. 3 credits.

Addresses population-focused health care. Emphasis is on primary, secondary, and tertiary prevention of health problems. Concepts of community, public health, and health policy affecting culturally diverse and vulnerable populations are examined. Offered by Nursing. May be repeated within the degree for a maximum 6 credits.

Recommended Prerequisite: Admission to the Second degree or RN to BSN program.

Registration Restrictions:

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bach of Science in Nursing degree.

Schedule Type: Lecture

Grading:

This course is graded on the Undergraduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 450: Evidence Based Practice in Nursing. 3 credits.

Research course designed to present concepts and methods of research. The research process is examined as a foundation for scholarship with an emphasis on critique and use of current nursing and research in clinical practice. Offered by Nursing. May be repeated within the degree for a maximum 6 credits. Equivalent to NURS 453.

Registration Restrictions:

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bach of Science in Nursing degree.

Schedule Type: Lecture

Grading:

This course is graded on the Undergraduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 451: Advanced Clinical Preceptorship. 5 credits.

Opportunity to provide complex, collaborative nursing care to culturally diverse and vulnerable populations. Notes: Concentrated clinicals available in selected institutional settings. See <http://chhs.gmu.edu> for information about specific clinical locations. Offered by Nursing. Limited to two attempts.

Registration Restrictions:

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bach of Science in Nursing degree.

Schedule Type: Laboratory

Grading:

This course is graded on the Satisfactory/No Credit scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 453: *Research in Nursing*. 3 credits.

Introductory research course designed to present basic concepts and methods of research. The research process is examined as a foundation for scholarship. Emphasis on critique and use of current nursing and research in clinical practice. Offered by Nursing. May be repeated within the degree for a maximum 6 credits.

Specialized Designation: Mason Impact.

Recommended Prerequisite: STAT 250 or equivalent; acceptance into one of BSN nursing pathway.

Registration Restrictions:

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bachelor of Science in Nursing degree.

Schedule Type: Lecture

Grading:

This course is graded on the Undergraduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 455: *Advanced Technologies in Nursing*. 1 credit.

Opportunity to acquire advanced skills in nursing practice. Refinement of assessment skills associated with selected advanced technologies integrated into this laboratory course. Offered by Nursing. Limited to two attempts.

Recommended Corequisite: NURS 451.

Registration Restrictions:

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bachelor of Science in Nursing degree.

Schedule Type: Laboratory

Grading:

This course is graded on the Satisfactory/No Credit scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 457: *Introduction to Nursing Informatics*. 3 credits.

This introductory course focuses on the use of computer technology in nursing and healthcare. The student evaluates software applications and assesses the merit of health-related information on the Internet. Students will engage in projects aimed at solving patient care problems in a variety of technologically-enhanced health care settings. Offered by Nursing. Limited to two attempts.

Recommended Prerequisite: Admission to the RN to BSN program.

Registration Restrictions:

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bachelor of Science in Nursing degree.

Schedule Type: Lecture

Grading:

This course is graded on the Undergraduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 460: *Leadership in Nursing*. 3 credits.

This course focuses on the leadership and management of health-related organizations. Reviews administrative issues in health-related services

with particular emphasis on developing organizational strategies for effective interfacing of medical, nursing, allied health, and administrative staff. Offered by Nursing. May be repeated within the degree for a maximum 6 credits. Equivalent to NURS 436.

Registration Restrictions:

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bachelor of Science in Nursing degree.

Schedule Type: Lecture

Grading:

This course is graded on the Undergraduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 465: *Examination and Integration of Professional and Health Care Issues*. 3 credits.

Provides students with opportunities to examine issues in health care through reflection on the natural and behavioral sciences, humanities and other prerequisite coursework. -Selected topics are examined through reading, writing and discussion. Formal and informal writing on issues is expected. Students receive written self-evaluation as well as formal review by peers and faculty members involved in teaching the course. Offered by Nursing. Limited to two attempts. Equivalent to HAP 465, NURS 480.

Mason Core: Mason Core, Mason Apex, Writing Intensive in Major (<https://catalog.gmu.edu/mason-core/>)

Recommended Prerequisite: Required Mason Core courses (including ENGL 302/ENGH 302).

Registration Restrictions:

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bachelor of Science in Nursing degree.

Schedule Type: Lecture

Grading:

This course is graded on the Undergraduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 466: *Community Health Nursing*. 2 credits.

This course addresses population-focused health care. Concepts of public health, epidemiology, environmental health, extended roles in nursing and health policy affecting culturally diverse and vulnerable populations are examined. Offered by Nursing. Limited to two attempts.

Recommended Prerequisite: Completion of all junior year nursing courses.

Registration Restrictions:

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bachelor of Science in Nursing degree.

Schedule Type: Lecture

Grading:

This course is graded on the Undergraduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 467: *Clinical in Community Health Nursing*. 2 credits.

Clinical experience with a focus on collaborative nursing care with individuals, families, and large groups in the community. Emphasis is on health promotion and disease prevention for well populations and

community-based care for individuals and families with acute chronic diseases. Offered by Nursing. Limited to two attempts.

Recommended Prerequisite: Completion of all junior year nursing courses.

Registration Restrictions:

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bachelor of Science in Nursing degree.

Schedule Type: Laboratory

Grading:

This course is graded on the Satisfactory/No Credit scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 468: *Psychiatric and Mental Health Nursing*. 2 credits.

Focuses on the nursing care, pathophysiological and psychological, social-cultural, and risk reduction implications of health problems in the area of mental health and psychiatric nursing. Offered by Nursing. Limited to two attempts. Equivalent to NURS 311.

Recommended Prerequisite: Completion of all junior year nursing courses.

Registration Restrictions:

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bachelor of Science in Nursing degree.

Schedule Type: Lecture

Grading:

This course is graded on the Undergraduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 469: *Clinical in Psychiatric and Mental Health Nursing*. 2 credits.

Clinical experience with a focus on collaborative nursing care with individuals, families, and large groups in the community. Emphasis is on health promotion and disease prevention for well populations and community-based care for individuals and families with acute chronic diseases. Notes: Open to traditional and LPN students only. Offered by Nursing. Limited to two attempts. Equivalent to NURS 314.

Registration Restrictions:

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bachelor of Science in Nursing degree.

Schedule Type: Laboratory

Grading:

This course is graded on the Satisfactory/No Credit scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 470: *Clinical Reasoning*. 3 credits.

Increases test-taking abilities and improves critical-thinking skills related to nursing situations. Also guides the student to analyze and organize content to assist in decision making about nursing interventions.

With faculty supervision, students work independently based on their learning needs. Offered by Nursing. Limited to two attempts. Equivalent to NURS 491, NURS 493.

Registration Restrictions:

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bachelor of Science in Nursing degree.

Schedule Type: Lecture

Grading:

This course is graded on the Undergraduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 480: *Professional Issues in Nursing*. 3 credits.

Provides students with opportunities to examine issues in health care through reflection on the natural and behavioral sciences, humanities, and other prerequisite coursework. Selected topics are examined through reading, writing and discussion. Formal and informal writing on issues is expected. Students receive written self-evaluation as well as formal review by peers and faculty members involved in teaching the course. Offered by Nursing. Limited to two attempts. Equivalent to NURS 465.

Mason Core: Mason Core, Writing Intensive in Major (<https://catalog.gmu.edu/mason-core/>)

Registration Restrictions:

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bachelor of Science in Nursing degree.

Schedule Type: Lecture

Grading:

This course is graded on the Undergraduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 488: *Inquiry-Based Clinical Seminar*. 2 credits.

Students focus on a selected client they have provided care for during their NURS 451 clinical preceptorship. Students examine the data in the case, draw inferences, make deductions, identify assumptions, and generate interpretations regarding the client's problems. The class will participate as a group in the inquiry process to identify strengths and weaknesses of the arguments presented. Offered by Nursing. Limited to two attempts.

Recommended Prerequisite: Completion of Junior Level Nursing Courses, NURS 410 and NURS 436.

Registration Restrictions:

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bachelor of Science in Nursing degree.

Schedule Type: Seminar

Grading:

This course is graded on the Undergraduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 490: *Health Policy and Advocacy in Nursing*. 3 credits.

Prepares students to assess the policy dimensions of nursing issues and advocacy skills in clinical practice, education, and research environments and to translate nursing research into policy. Builds on knowledge and skills acquired through longitudinal community coursework and field experience in the nursing major. Critically evaluates policies that influenced the structure, financing and quality of health care encountered during their rotations. Examines ways to advocate for the community to promote population health and gain skills to influence policy, social justice and health equity. Offered by Nursing. Limited to two attempts.

Mason Core: Mason Core, Mason Apex (<https://catalog.gmu.edu/mason-core/>)

Registration Restrictions:

Required Prerequisites: (NURS 316 or 316^{XS}).
^{XS} Requires minimum grade of XS.

Enrollment limited to students with a class of Senior Plus or Senior.

Enrollment limited to students in a Bachelor of Science in Nursing degree.

Schedule Type: Lecture

Grading:

This course is graded on the Undergraduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 491: *Critical Thinking and Analysis of Test Taking Strategies*. 3 credits.

Increases test-taking abilities and improves critical-thinking skills related to nursing situations. Also guides the student to analyze and organize content to assist in decision making about nursing interventions.

With faculty supervision, students work independently based on their learning needs. Offered by Nursing. Limited to two attempts. Equivalent to NURS 470, NURS 493.

Registration Restrictions:

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bachelor of Science in Nursing degree.

Schedule Type: Lecture

Grading:

This course is graded on the Undergraduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 493: *Clinical Reasoning and Test Taking Analysis*. 3 credits.

Provides the student with competencies and strategies to enhance the transition from student to a baccalaureate prepared nurse. The course focuses on developing clinical reasoning and decision-making applied to patient care scenarios. Students will prepare for success on the Nursing licensure examination by reviewing content, identifying and addressing stressors associated with test taking, and demonstrating mastery on exam preparation materials. Offered by Nursing. Limited to two attempts. Equivalent to NURS 470, NURS 491.

Registration Restrictions:

Required Prerequisites: (NURS 330^C or 330^{XS}) and (NURS 347^C or 347^{XS}) and (NURS 425^C or 425^{XS}) and (NURS 343^C or 343^{XS}) and (NURS 348^C or 348^{XS}) and (NURS 349^C or 349^{XS}).

^C Requires minimum grade of C.

^{XS} Requires minimum grade of XS.

Enrollment is limited to students with a major in Nursing.

Enrollment limited to students in a Bachelor of Science in Nursing degree.

Schedule Type: Lecture

Grading:

This course is graded on the Undergraduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 499: *Independent Study in Nursing*. 1-3 credits.

Provides individual study of a particular problem area in nursing research, theory development, or education under the direction of faculty. Clinical practice may be arranged. Offered by Nursing. May be repeated within the term for a maximum 6 credits.

Specialized Designation: Topic Varies

Recommended Prerequisite: Permission of instructor and Assistant Dean for the Undergraduate Program.

Registration Restrictions:

Enrollment is limited to students with a major in Nursing.

Washington Consortium level students may **not** enroll.

Enrollment limited to students in a Bachelor of Science in Nursing degree.

Schedule Type: Independent Study

Grading:

This course is graded on the Undergraduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

500 Level Courses

NURS 571: *HIV/AIDS: Concepts, Principles, and Interventions*. 3 credits.

Provides overview of all aspects of HIV disease to include retrospective and current concepts and analyses of the epidemic, global, and societal impact, and cutting-edge research. Examines development of therapeutic tools and skills to educate, reduce risks, control infection, and affect care and healing of client, family, and community; and issues of increasing dilemma for health care professionals. Offered by Nursing. May not be repeated for credit. Equivalent to GCH 571.

Registration Restrictions:

Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Junior Plus, Non-Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

600 Level Courses

NURS 605: *Clinical Nurse Educator Academy*. 3 credits.

Integrates knowledge and skills from clinical practice with new knowledge and skills needed as a clinical nurse educator. Narratives are used to teach essential skills for clinical nurse educators, such as assessment of learning needs, writing of objectives, teaching strategies, clinical simulation, and performance evaluation. Offered by Nursing. May not be repeated for credit.

Registration Restrictions:

Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Junior Plus, Non-Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 632: Pathogenesis of Mental Disorders. 3 credits.

Explores biological correlates of mental illness, including neuronal function, structure and connectivity, and peripheral alterations in biological functioning that contribute to mental disorders across the lifespan. Reviews genetic heritability and specific theories of etiology and diagnostic classifications. Develops interview and differential diagnostic skills. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: Admission to the Doctor of Nursing Practice (DNP) program, Psychiatric Mental Health Nurse Practitioner (PMHNP) Graduate Certificate program, or with permission of instructor

Registration Restrictions:

Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Junior Plus, Non-Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 633: Individual Psychotherapy. 3 credits.

Explores major approaches to individual psychotherapy such as psychodynamic, humanistic, interpersonal, behavioral, cognitive, dialectical behavioral, brief, crisis, and multicultural therapies as they relate to advanced nursing practice in mental health. Applications of individual psychotherapies across the lifespan and among diverse populations are critically examined. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: Admission to the Doctor of Nursing Practice (DNP) program, Psychiatric Mental Health Nurse Practitioner (PMHNP) Graduate Certificate program, or with permission of instructor; NURS 632.

Registration Restrictions:

Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Junior Plus, Non-Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 634: Group, Family and Couple Psychotherapy. 1 credit.

Explore the major psychotherapeutic approaches for groups, families, and couples. Emphasis is placed on the application of theories and models of group, family, and couple psychotherapy across the lifespan and among diverse populations. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: Admission to the Doctor of Nursing Practice (DNP) program, Psychiatric Mental Health Nurse Practitioner (PMHNP) Graduate Certificate program, or with permission of instructor; NURS 632; NURS 633.

Registration Restrictions:

Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Junior Plus, Non-Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 643: Community-Oriented Primary Care. 3 credits.

Theoretical and clinical application of community-oriented primary care concepts with a focus on health promotion and disease prevention. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: Admission to MSN or DNP Program or permission of instructor.

Registration Restrictions:

Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Junior Plus, Non-Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Laboratory, Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 648: Aging and Health. 3 credits.

Provides an overview of normal aging and explores factors that affect health and well being in older adults; demonstrates strategies for maintaining health and managing chronic illness in older adults; examines common misconceptions about aging and healthcare issues; and explores the process of normal aging and the presentation of common health conditions in older adults. Offered by Nursing. May not be repeated for credit.

Registration Restrictions:

Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Junior Plus, Non-Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 654: Nursing Administration Financial Management. 3 credits.

Investigates managerial technologies related to financial planning and control functions of mid-level nurse administrators. Content develops knowledge and skills necessary for effective participation in financial management as related to business plan development, program budget planning, and control. Offered by Nursing. May not be repeated for credit.

Registration Restrictions:

Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Junior Plus, Non-Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 660: *Seminar in the Ethics of Health Care*. 3 credits.

Examines moral dilemmas in the health care profession, with special emphasis on patients' rights, professionals' obligations to other professionals, and issues of social justice in health care. Methods of moral deliberation based on ethical knowledge and justification are applied to ethical dilemmas in health care. Offered by Nursing. May not be repeated for credit.

Registration Restrictions:

Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Junior Plus, Non-Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Seminar

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 665: *Theoretical and Ethical Foundations Related to Nursing*. 3 credits.

Selected nursing and related discipline theories which impact nursing practice are analyzed and evaluated with special attention given to ethical aspects of practice and ethical decision-making frameworks. Moral dilemmas in the health care profession, with emphasis on patients' rights, professionals' obligations to other professionals, issues of social justice in health care, and methods of moral deliberation are examined. Offered by Nursing. May not be repeated for credit.

Registration Restrictions:

Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Junior Plus, Non-Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 680: *Theoretical Foundations Related to Nursing*. 2 credits.

Examination and evaluation of assumptions, concepts, and propositions inherent in selected nursing and related discipline theories. Offered by Nursing. May not be repeated for credit.

Registration Restrictions:

Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Junior Plus, Non-Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 685: *Advanced Nursing Research Methods*. 3 credits.

Examines principles and methods of research in problem identification, theoretical framework, design, data collection, and analysis. Students develop a nursing research proposal. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: Admission to the graduate nursing program and a graduate level bivariate statistics course and NURS 680.

Registration Restrictions:

Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Junior Plus, Non-Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 686: *Projects in Nursing Research*. 2 credits.

Applies knowledge gained in NURS 790 to implement research proposal designed in NURS 790. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: NURS 685.

Registration Restrictions:

Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Junior Plus, Non-Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 688: *Organization of Nursing and Health Care Delivery Systems*. 3 credits.

Provides foundational overview of U.S. nursing and health care delivery systems. Surveys key concepts, frameworks, processes, and structures related to health care delivery organizations. Notes: Lecture, discussion. Offered by Nursing. May not be repeated for credit.

Registration Restrictions:

Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Junior Plus, Non-Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 690: *Independent Study in Nursing*. 1-3 credits.

Studies in-depth a selected area of nursing theory, research, or practice under direction of faculty. Offered by Nursing. May be repeated within the degree for a maximum 6 credits.

Recommended Prerequisite: Admission to the Graduate Nursing Program and permission of Associate Dean for Academic Programs.

Registration Restrictions:

Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Junior Plus, Non-Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Independent Study

Grading:

This course is graded on the Graduate Special scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

700 Level Courses

NURS 704: *Nursing Administrative Leadership Academy*. 3 credits.

Uses a leadership competency framework to integrate knowledge, skills, values, and best practices of innovative nursing leadership. Lectures, interactive collaborative discussion, written projects, and leadership self-assessment identify and teach the proficiencies specific to the administrative executive role. Offered by Nursing. May not be repeated for credit.

Registration Restrictions:

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 713: *Decision Making and Pharmacologic Management in Practice*. 3 credits.

Analyzes clinical cases using student participation in decision-making formulation. Correlates pathophysiology with symptom manifestations across the lifespan, from prenatal to old age, including death. Evaluates family, medical and social history, physical findings, laboratory data and radiographic studies as they contribute to the decision making process. Examine the theoretical basis for selecting pharmacological and non-pharmacological therapies is explored. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: Admission to MSN or DNP Program Nurse Practitioner Concentration

Recommended Corequisite: NURS 769; NURS 761.

Registration Restrictions:

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 714: *Health Assessment in Clinical Practice*. 2 credits.

Application of advanced health assessment skills for all body systems and clinical decision making with clients across the lifespan. Students will formulate differential diagnoses and use advanced communication techniques to motivate and change health behaviors. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: Admission to MSN or DNP Program or permission of instructor.

Registration Restrictions:

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 715: *Nursing Informatics Inquiry*. 3 credits.

This course introduces theoretical and practice components of nursing and healthcare informatics for the graduate level nurse. Computer systems will be analyzed. The systems life cycle will be explored. Health care data standards, classification schemes, and the electronic health record (EHR) will be introduced. Students will evaluate informatics as it applies to patient safety, outcomes measurement, complex decision-making, consumer use, and legal and ethical issues. Offered by Nursing. May not be repeated for credit.

Registration Restrictions:

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Laboratory, Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 716: *Principles of Assessment and Evaluation in Nursing Education*. 3 credits.

Presents techniques of assessment, measurement, and evaluation of nursing knowledge and skills in classroom and clinical settings. Provides opportunities for the informal assessment of learning; formal construction, analysis, and evaluation of tests; and the evaluation of standardized tests. Examines the current research and the legal and ethical principles related to assessment and evaluation in nursing education. Offered by Nursing. May not be repeated for credit.

Registration Restrictions:

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 720: *Practicum in Family Primary Care Nursing I*. 4 credits.

Performance of beginning-level nurse practitioner clinical decision-making skills in assessment and management of families and individuals across the life span, with emphasis on health maintenance and health promotion. Seminar, lab, and clinical practicum. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: NURS 719, 723, 745, 747, and 756.

Registration Restrictions:

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Laboratory

Grading:

This course is graded on the Graduate Special scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 721: *Practicum in Assessment and Management of the Developing Family*. 8 credits.

Theoretical and clinical application of health assessment, health maintenance and promotion, anticipatory guidance, diagnosis, and management of common primary health care concerns through clinical decision-making skills focused on childrearing and childbearing families. Seminar, lab, clinical practicum. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: NURS 720.

Registration Restrictions:

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Special scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 722: *Practicum in Family Primary Care Nursing II*. 8 credits.

Students perform advanced clinical decision making in the role of family nurse practitioner. Family primary care problems throughout the life span are assessed and managed, particularly families with elderly and medically underserved members. Seminar, lab, and clinical practicum. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: NURS 720 and 721.

Registration Restrictions:

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Special scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 724: *Health Assessment Practicum*. 1 credit.

Acquisition of advanced health assessment skills for all systems across the lifespan. The student will perform advanced techniques and clinical decision making that is necessary for a comprehensive health assessment in a structured practicum environment. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: Admission to MSN or DNP Program or permission of instructor.

Recommended Corequisite: NURS 714.

Registration Restrictions:

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Internship

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 725: *Hermeneutic Research Methodologies in Health Care*. 3 credits.

Uses seminar/discussion for in-depth exploration of interpretive phenomenology, philosophical background for hermeneutics, and hermeneutics as method in context of conducting research in health care. Uses readings from philosophers such as Heidegger, Merleau-Ponty, and Gadamer to situate hermeneutical methodologies in philosophy of science. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: Graduate level qualitative research course. Concurrent enrollment is also permitted.

Registration Restrictions:

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Seminar

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 726: *Perspectives in Nursing Education*. 3 credits.

Uses seminar approach to provide an overview of nursing education. Provides the foundation for teaching and learning in nursing with emphasis on relevant research. Offered by Nursing. May not be repeated for credit.

Registration Restrictions:

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 727: *Application of Nursing Education Principles to Curriculum and Program Development*. 3 credits.

Uses seminar and discussion forums to analyze and apply theoretical principles and teaching and learning strategies in planning, developing, and evaluating nursing programs. Examines the overall creative, planned, and collaborative process of program development and evaluation. Offered by Nursing. May not be repeated for credit.

Registration Restrictions:

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 728: Practicum and Seminar in Nursing Education I. 3 credits.

Uses seminar/discussion approach and practicum experience to analyze the role and functions of the nurse educator in the academic classroom. Emphasis is on the application of teaching/learning strategies, legal and ethical issues in nursing education, and role development as a nurse educator. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: NURS 714, NURS 761, NURS 769.

Registration Restrictions:

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Seminar

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 729: Practicum and Seminar in Nursing Education II. 3 credits.

Uses seminar/discussion approach and practicum experience to analyze the role and functions of the nurse educator in the clinical setting. Application of research-based teaching and evaluation strategies in the clinical setting are emphasized. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: NURS 714, NURS 761, NURS 769.

Registration Restrictions:

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Seminar

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 730: Leadership Strategies for the Clinical Nurse Leader. 2 credits.

Explores aspects of horizontal and vertical leadership central to clinical nurse leader (CNL) role. Emphasizes quality management and improvement, communication processes, evidenced-based practice initiatives in microsystem, and strategies for efficient use of resources while maintaining safe and effective patient care. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: NURS 597 and 685. Concurrent enrollment is also permitted.

Registration Restrictions:

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 733: Introduction to Forensic Science. 3 credits.

Examines the introductory concepts of forensic science including the various professional roles of forensic scientists and practitioners. This course provides a broad overview of the forensic science profession. Different types of violence, as well as prevention and reduction strategies, are discussed. The forensic professional's role in policy and legal processes are explored. Forensic research is introduced. Professional certification options are explored. Offered by Nursing. May not be repeated for credit.

Registration Restrictions:

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 734: Role of the Sexual Assault Nurse Examiner and Interpersonal Violence. 3 credits.

Focuses on the incidence and consequences of interpersonal violence across the lifespan. Identifies the role of sexual assault nurse examiner (SANE) as a member of the Sexual Assault Response Team (SART). Examines forensic techniques used to collect evidence. The role of the SANE in the judicial process is explored. Offered by Nursing. May not be repeated for credit.

Registration Restrictions:

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 735: Crime Lab and Crime Scene Investigation. 3 credits.

Examines the components of the crime lab and the crime scene analysis process. Explores the role of the forensic scientist in crime scene investigation. This course covers the initial crime scene response and initial assessment measures needed to properly collect and handle evidence. Documentation and preservation efforts are reviewed for various types of evidence collected. Offered by Nursing. May not be repeated for credit.

Registration Restrictions:

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 736: Psychological and Legal Aspects of Forensic Science. 3 credits.

Evaluates the psychological and legal aspects of forensic science. Reviews victimology and the role of the forensic professional when dealing with victimized individuals. This course reviews various types

of violence and identifies the assessment criteria needed to pursue prosecution. Examines the legal process and the role of the forensic professional in providing testimony in a court of law. Offered by Nursing. May not be repeated for credit.

Registration Restrictions:

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 737: *Investigation of Injury and Death*. 3 credits.

Explores the role of the forensic scientist in death investigation. Examines death, manners of death, and causes of death, along with the death certification process. The role of the medical office professional and autopsy procedures will be reviewed. DNA evidence and the CODIS system will be analyzed. Offered by Nursing. May not be repeated for credit.

Registration Restrictions:

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 738: *Family Primary Care I*. 2 credits.

Theoretical application of health assessment, health management/promotion, anticipatory guidance, diagnosis and management of common primary care health care concerns through clinical decision making skills for families with a focus on adults. Lecture, student presentations and seminar. Notes: Required course in Family Nurse Practitioner concentration. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: NURS 713, NURS 724, NURS 714, NURS 643.

Recommended Corequisite: NURS 742.

Registration Restrictions:

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 739: *Family Primary Care II*. 4 credits.

Theoretical application of health assessment, health maintenance/promotion, anticipatory guidance, diagnosis and management of common primary health care concerns through clinical decision making skills focused on childbearing and childbearing families. Seminar, student presentations and lectures. Notes: Required course in Family Nurse Practitioner concentration. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: NURS 738, NURS 742.

Recommended Corequisite: NURS 744

Registration Restrictions:

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 740: *Clinical Nurse Specialist Internship*. 3 credits.

A continuation of clinical application of theory from NURS 775 to a selected clinical specialty with attention to the health illness continuum of individuals, families, and community. Offered by Nursing. May be repeated within the term for a maximum 6 credits.

Specialized Designation: Topic Varies

Recommended Corequisite: Contact the department for meeting dates and times.

Registration Restrictions:

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Internship

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 741: *Family Primary Care III*. 3 credits.

Theoretical application of assessment, diagnosis and management of primary health care problems which will enable the nurse practitioner student to assume increased responsibility in the delivery of primary care to families and individuals across the life span. Special emphasis is given to the primary care needs of families with elderly and medically underserved members. Seminar, student presentations and lectures. Notes: Required course in Family Nurse Practitioner concentration. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: NURS 739, NURS 744.

Recommended Corequisite: NURS 749.

Registration Restrictions:

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 742: *Family Primary Care Practicum I*. 2 credits.

Demonstrates the ability to function at a beginning level in the role of the nurse practitioner. Performance of advanced skills in assessment and the development of plans for health maintenance and promotion for families with a focus on the adult. Clinical practicum, lab and seminar. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: NURS 713, NURS 724, NURS 714, NURS 643.

Recommended Corequisite: NURS 738.

Registration Restrictions:

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Internship

Grading:

This course is graded on the Graduate Special scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 743: *Clinical Psychopharmacology*. 3 credits.

Introduce psychotropic medications, including neurochemical basis, mode of action and clinical application. Discuss principles of pharmacological medication selection and use based on clinical indicators. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: Admission to the Doctor of Nursing Practice (DNP) program, Psychiatric Mental Health Nurse Practitioner (PMHNP) Graduate Certificate program, or with permission of instructor; NURS 632

Recommended Corequisite: NURS 632

Registration Restrictions:

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 744: *Family Primary Care Practicum II*. 4 credits.

Clinical application of health assessment, health maintenance/promotion, anticipatory guidance, diagnosis and management of common primary health care concerns through clinical decision making skills focused on childrearing and childbearing families. Clinical practicum, seminar, lab. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: NURS 738, NURS 742.

Recommended Corequisite: NURS 739.

Registration Restrictions:

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Internship

Grading:

This course is graded on the Graduate Special scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 746: *Practicum in Adult Primary Care Nursing I*. 6 credits.

Demonstration of the ability to function at a beginning level in the role of the nurse practitioner. Performance of advanced skills in assessment and the development of plans for health maintenance and promotion for adults. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: NURS 719, 723, 745, 747, and 756.

Registration Restrictions:

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Laboratory

Grading:

This course is graded on the Graduate Special scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 748: *Practicum in Adult Primary Care Nursing II*. 8 credits.

Enables nurse practitioner student to assume increased responsibility in the delivery of primary care to adults. Special emphasis on primary care needs of elderly and medically underserved groups. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: NURS 746.

Registration Restrictions:

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Laboratory

Grading:

This course is graded on the Graduate Special scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 749: *Family Primary Care Practicum III*. 4 credits.

This practicum enables the nurse practitioner student to assume increased responsibility in the delivery of primary care to families. Family primary care problems across the life span are assessed and managed, particularly families with elderly and medically underserved members. Practicum, clinical lab and seminar. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: NURS 739, NURS 744.

Recommended Corequisite: NURS 741.

Registration Restrictions:

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Internship

Grading:

This course is graded on the Graduate Special scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 757: *Nursing Research and Biostatistics I*. 3 credits.

Provides a broad framework for understanding and applying commonly used research designs and data analysis techniques in nursing and health care research. Exposed to an overview of qualitative and quantitative research methods integrated with appropriate data analyses techniques. Univariate and bivariate statistical techniques will be used to address research questions or hypotheses as appropriate. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: Admission to the graduate nursing program, and an undergraduate statistics course.

Registration Restrictions:

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 758: *Nursing Research and Biostatistics II*. 3 credits.

Empirically address practice related problems using complex bivariate and multivariate statistical analysis. Using an established data set as a basis for simulation of the research process, student will identify clinical problems in research traditions to provide evidence for nursing practice. Emphasis is on evaluating the quality of research for its strength as evidence for nursing practice. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: NURS 757.

Registration Restrictions:

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 761: *Pharmacotherapeutics*. 3 credits.

Describes the pharmacologic principles and pharmacodynamic actions for all broad categories of agents. Distinguishes between the major drug classes by the pharmacologic properties of drugs on the cellular, organ and whole organism level. Study of indications and contraindications of appropriate therapeutic entities for health deviations based on a thorough knowledge of drugs and their fate in the human body. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: Admission to MSN or DNP Program or permission of instructor.

Registration Restrictions:

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 763: *Administrative Theory in Nursing*. 3 credits.

Uses administrative theory and management principles and processes as related to roles and functions of the nurse in management in health-related agencies. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: Admission to Graduate Nursing Program or master's degree. NURS 680 and Management/Organizational Theory (concurrent enrollment is also permitted).

Registration Restrictions:

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 765: *Practicum in Nursing Administration I*. 3 credits.

Applies administrative theory and management principles and processes in a selected health-related agency. Roles and functions of the nurse in management are explored. Notes: Lab arranged. One hour of seminar and eight hours of practicum weekly. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: Admission to Graduate Nursing Program, NURS 680. NURS 763 (concurrent enrollment is also permitted).

Registration Restrictions:

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Laboratory

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 766: *Administrative Strategies in Nursing*. 3 credits.

Explores roles and functions of the nurse in management as the nurse manager develops patterns of nursing care, articulating nursing education, and nursing service. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: NURS 763 and 765.

Recommended Corequisite: NURS 768.

Registration Restrictions:

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 768: *Practicum in Nursing Administration II*. 3 credits.

Implements and integrates roles and functions of the nurse in management. Emphasizes using appropriate management principles and processes in a selected health-related agency. Notes: Lab arranged. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: NURS 763, NURS 765, NURS 766 (concurrent enrollment also permitted for 766).

Registration Restrictions:

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Laboratory

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 769: *Physiology and Pathophysiology in Advanced Practice*. 3 credits.

Analyze health deviations in the physiologic and pathophysiologic aspects of systems functioning across the life span. Students assimilate the process of systematic assessment and management of health deviations foundational for making clinical decisions. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: Admission to MSN or DNP or permission of instructor.

Recommended Corequisite: NURS 713.

Registration Restrictions:

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 773: *Clinical Applications of Theory in Advanced Clinical Nursing*. 3 credits.

Foundational theory relevant to the emerging roles in advanced clinical nursing, focusing on therapeutic nursing interventions in a variety of clinical specialties, with attention to health-illness continuum of individuals, families, and communities. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: Admission to Graduate Nursing Program. NURS 550, 680 (Concurrent enrollment is also permitted for either course).

Registration Restrictions:

Enrollment is limited to Graduate level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 775: *Advanced Specialty Practice I*. 3 credits.

Focuses on clinical application of theory from NURS 773 to a selected clinical specialty with attention to the health illness continuum of individuals, families, and communities. Notes: One hour of seminar and eight hours of practicum. Lab meets every other week. Offered by Nursing. May be repeated within the term for a maximum 17 credits.

Specialized Designation: Topic Varies

Recommended Prerequisite: NURS 665.

Recommended Corequisite: NURS 768.

Registration Restrictions:

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Laboratory

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 776: *Development of Advanced Practice Nursing Role*. 3 credits.

Expansion of selected content included in NURS 773 for the delivery of advanced nursing care in a variety of settings. Emphasizes development and evaluation of the advanced practice nursing role in complex health care systems. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: NURS 773.

Registration Restrictions:

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 778: *Advanced Specialty Practice II*. 3 credits.

Applies concepts of the advanced practice nursing role from NURS 776 to a selected clinical specialty. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: NURS 665.

Recommended Corequisite: NURS 773. Electronic strategies will be used and course will meet every other week.

Registration Restrictions:

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Laboratory

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 782: *Psychiatric Nurse Practitioner Practicum I*. 4 credits.

Develops clinical competence in comprehensive assessment, diagnosis, and management of mental health problems and psychiatric and co-morbid medical disorders, referring when appropriate. Demonstrates effective clinical interviewing skills. Applies principles of pharmacology including complementary and alternative therapies. Develops culturally sensitive plans for health maintenance, promotion and treatment. Evaluates outcomes of treatment. Manages psychiatric emergencies. Advocates for patients and families. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: Admission to the Doctor of Nursing Practice (DNP) program, Psychiatric Mental Health Nurse Practitioner (PMHNP) Graduate Certificate program, or with permission of instructor; NURS 632, NURS 633, NURS 634 and NURS 743.

Recommended Corequisite: NURS 783

Registration Restrictions:

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Internship

Grading:

This course is graded on the Graduate Special scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 783: *Psychiatric Nurse Practitioner Seminar I*. 2 credits.

Analyzes the professional role of family psychiatric mental health nurse practitioners. Students share assessment, diagnostic, intervention, evaluation, teaching-coaching, cultural competence, and therapeutic relationship development techniques through case studies from their

practica. Management of client cases are evaluated and discussed. Students analyze the impact of advocacy actions, including duty to report, on the therapeutic relationship. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: Admission to the Doctor of Nursing Practice (DNP) program, Psychiatric Mental Health Nurse Practitioner (PMHNP) Graduate Certificate program, or with permission of instructor; NURS 632, NURS 633, NURS 634 and NURS 743.

Recommended Corequisite: NURS 782.

Registration Restrictions:

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Seminar

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 784: Psychiatric Nurse Practitioner Practicum II. 5 credits.

Builds on Family Psychiatric Nurse Practitioner Practicum I, improving diagnostic and clinical reasoning ability and competence in assessment, diagnosis, and management of psychiatric disorders. Enables the student to assume increased responsibility in the delivery of comprehensive mental health care. Participates in professional and community organizations to promote the health of patients while enhancing the role of practitioner. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: Admission to the Doctor of Nursing Practice (DNP) program, Psychiatric Mental Health Nurse Practitioner (PMHNP) Graduate Certificate program, or with permission of instructor; NURS 782.

Recommended Corequisite: NURS 785

Registration Restrictions:

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Internship

Grading:

This course is graded on the Graduate Special scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 785: Psychiatric Nurse Practitioner Seminar II. 2 credits.

Discusses role transition and development of advanced practice psychiatric mental health nurses. Regulatory and economic policies affecting advanced psychiatric mental health nursing practice in the evolving health care system are discussed. Students demonstrate competence in comprehensive management of acute and chronic psychiatric disorders through case presentations from their practica. Performs a comprehensive assessment of the mental health needs of a community. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: Admission to the Doctor of Nursing Practice (DNP) program, Psychiatric Mental Health Nurse Practitioner (PMHNP) Graduate Certificate program, or with permission of instructor; NURS 783.

Recommended Corequisite: NURS 784

Registration Restrictions:

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Seminar

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 786: Adult Gerontology Primary Care Practicum I. 2 credits.

Application of health assessment, health maintenance/promotion, anticipatory guidance, genetics/genomics, diagnosis and management of common primary health care concerns, including women's health issues. Focus is on care of adolescents and adults across the life. Clinical Practicum, lab and seminar. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: NURS 713, NURS 714, NURS 724, NURS 643.

Recommended Corequisite: NURS 787.

Registration Restrictions:

Enrollment is limited to students with a concentration in Adult Ger. Nurse Pract. PC.

Enrollment is limited to Graduate level students.

Schedule Type: Internship

Grading:

This course is graded on the Graduate Special scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 787: Adult Gerontology Primary Care I. 2 credits.

Theoretical application of health assessment, health maintenance/promotion, anticipatory guidance, diagnosis and management of common primary health care concerns, including women's health, through clinical decision making skills in adolescents, adults and older adults. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: NURS 713, NURS 724, NURS 714, NURS 643.

Recommended Corequisite: NURS 786.

Registration Restrictions:

Enrollment is limited to students with a concentration in Adult Ger. Nurse Pract. PC.

Enrollment is limited to Graduate level students.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 788: Adult Gerontology Primary Care Practicum II. 4 credits.

Demonstration of the ability to function at a beginning level in the role of the nurse practitioner. Performance of advanced skills in assessment and the development of plans for health maintenance and promotion for adolescents, adults and older adults. Clinical practicum, lab and seminar. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: NURS 786, NURS 787.

Recommended Corequisite: NURS 789.

Registration Restrictions:

Enrollment is limited to students with a concentration in Adult Ger. Nurse Pract. PC.

Enrollment is limited to Graduate level students.

Schedule Type: Internship

Grading:

This course is graded on the Graduate Special scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 789: Adult Gerontology Primary Care II. 3 credits.

This course consists of the application of health assessment, health management/promotion, genetics and genomics, anticipatory guidance, diagnosis and management of common primary care health care concerns of the adolescent, adult and older adult through clinical decision making skills. Lecture, student presentations and seminar. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: NURS 786, NURS 787.

Recommended Corequisite: NURS 788.

Registration Restrictions:

Enrollment is limited to Graduate level students.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 790: Adult Gerontology Primary Care Practicum III. 4 credits.

This practicum enables the nurse practitioner student to assume increased responsibility in the delivery of primary care to adults of all ages, adolescents through older adults. Special emphasis is given to the primary care needs of elderly and medically underserved groups. Practicum, clinical lab and seminar. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: NURS 788, NURS 789.

Recommended Corequisite: NURS 791.

Registration Restrictions:

Enrollment is limited to students with a concentration in Adult Ger. Nurse Pract. PC.

Enrollment is limited to Graduate level students.

Schedule Type: Internship

Grading:

This course is graded on the Graduate Special scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 791: Adult Gerontology Primary Care III. 4 credits.

Theoretical application of assessment, diagnosis and management of primary health care problems which will enable the adult gerontology nurse practitioner student to assume increased responsibility in the delivery of primary care. Focus will be on the primary care needs of older adult and medically underserved. Lectures, student presentations and seminars. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: NURS 788, NURS 789.

Recommended Corequisite: NURS 790.

Registration Restrictions:

Enrollment is limited to students with a concentration in Adult Ger. Nurse Pract. PC.

Enrollment is limited to Graduate level students.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

800 Level Courses

NURS 804: Advanced Quantitative Data Analysis for Healthcare Research I. 3 credits.

Covers principles and methods of statistical data analysis and inference. Emphasizes the use and application of various data analysis techniques and their assumptions. Examines factorial ANOVA, factorial ANCOVA, repeated measures ANOVA, ANOVA and ANCOVA via regression approaches, and linear and logistic regression analysis. Students apply statistical techniques in analyzing health-related data sets. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: A graduate-level statistics course (by instructor approval).

Registration Restrictions:

Enrollment is limited to Graduate level students.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 805: Advanced Quantitative Data Analysis for Healthcare Research II. 3 credits.

Builds upon principles and methods of statistical analysis and inference. Emphasizes the use and application of various data analysis techniques and their assumptions. Examines multivariate analysis of variance (MANOVA), multivariate analysis of covariance (MANCOVA), multiple regression, and logistic regression, and factor analysis. Students apply statistical techniques in analyzing health-related data sets. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: GCH/NURS 804 or an equivalent statistics course (by instructor approval).

Registration Restrictions:

Enrollment is limited to Graduate level students.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 806: Advanced Multivariate Statistics and Data Analysis for Health Care Research. 3 credits.

Examines canonical correlation, discriminant analysis, factor analysis, and causal analysis (path models and structural equation modeling). Students analyze and interpret data using these statistical techniques. Offered by Nursing. May not be repeated for credit. Equivalent to GCH 806.

Recommended Prerequisite: GCH 805 or NURS 805, or equivalent multivariate statistics course.

Registration Restrictions:

Enrollment is limited to Graduate level students.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 808: *Translating Nursing and Health Care Research into Evidence-Based Policy*. 3 credits.

This course prepares students to assess the policy dimensions of nursing issues in clinical practice, education, and research environments and translate nursing research into policy. Offered by Nursing. May not be repeated for credit.

Registration Restrictions:

Enrollment is limited to Graduate level students.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 810: *Evaluation Research in Nursing Education*. 3 credits.

Uses seminar/discussion to analyze and apply theoretical models for implementing evaluation research in nursing education. Examines quantitative approaches for evaluating process and outcomes of domestic or international nursing education programs, including role of accreditation guidelines. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: NURS 920, NURS 930. Concurrent enrollment is also permitted.

Registration Restrictions:

Enrollment is limited to Graduate level students.

Schedule Type: Seminar

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 811: *Nurse as Educator and Scholar*. 2 credits.

Uses seminar/discussion to explore role of nurse educator in meeting research and scholarship expectations of college, university, or service setting. Addresses approaches to scholarship in relation to types of evidence appropriate for various scholarly expectations in academic setting. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: NURS 920; NURS 930.

Registration Restrictions:

Enrollment is limited to Graduate level students.

Schedule Type: Seminar

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 814: *Theory and Design in Health Science*. 3 credits.

Analyze existing theoretical and conceptual frameworks in nursing and other biological, social, and behavioral sciences through understanding epistemology, as well as how one's own values, assumptions, and biases impact ways of knowing. Students will also learn to critique, use, test, integrate, and translate conceptual frameworks to guide scientific inquiry in a focused area of research interest. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: Master's degree in nursing, social work, or health-related discipline.

Registration Restrictions:

Enrollment is limited to Graduate level students.

Schedule Type: Seminar

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 820: *Human Genetics Concepts for Health Care*. 4 credits.

The study of human genetics, principles of heredity, and disease risks. Offered by Nursing. May not be repeated for credit.

Registration Restrictions:

Enrollment is limited to Graduate level students.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 860: *Measurement in Nursing and Public Health Research*. 3 credits.

Synthesize measurement theories and principles as a foundation for the development and evaluation of instruments for use in healthcare research. The course includes review of statistical techniques required for understanding measurement theory, reliability, validity, responsiveness, item analysis, and instrument construction. Students design, construct, administer, analyze, and evaluate an original instrument and evaluate an existing instrument in healthcare research. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: NURS 804 or GCH 805 or permission of instructor.

Registration Restrictions:

Enrollment is limited to Graduate level students.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 870: *Nursing and Health Care Administration I*. 3 credits.

Examines the theoretical basis of scholarship and practice in leadership and management of health systems and nursing organizations. Includes discovery of concepts and forces influencing the organization and performance of health care systems. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: Admission to the PhD or DNP program.

Registration Restrictions:

Enrollment is limited to Graduate level students.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 871: *Nursing and Health Care Administration II*. 2 credits.

Analyzes and applies selected concepts related to nursing and health system leaders and managers as well as factors influencing the

performance of health systems and organizations. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: NURS 870.

Registration Restrictions:

Enrollment is limited to Graduate level students.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 874: Internship in Health Care Administration/Policy/Education. 4 credits.

Internship experience of at least 126 hours with leader in field of nursing, health care administration, policy, or education. Participatory activities require integration and application of principles, frameworks, and science related to executive preceptor role. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: Completion of all coursework, except NURS 998.

Registration Restrictions:

Enrollment is limited to Graduate level students.

Schedule Type: Internship

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 883: Evidence-Based Practice in Nursing and Healthcare. 4 credits.

Building on knowledge of research methodologies and personal expertise, student will identify practice and system problems, analyze the variations of processes and outcomes, evaluate research studies and systematic reviews, and develop a proposal to address issues related to the design of new model of care, translation of evidence into practice, or evaluation of current programs in the context of evidence-based practice. Emphasis is placed on the development of strategies to ensure quality improvement. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: NURS 757 and NURS 758.

Registration Restrictions:

Enrollment is limited to Graduate level students.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Special scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

900 Level Courses

NURS 910: Using Research to Advance Healthcare Policy. 3 credits.

Strengthens leadership and policy skills needed to facilitate evidence-based health policy change at the local, state, national, and/or global levels. Emphasis on how to target a variety of audiences, such as media, funders, and health system decisionmakers. Focuses on developing critical leadership competencies, emotional intelligence, and teamwork skills. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: Completion of at least 12 credits of core doctoral work.

Registration Restrictions:

Enrollment limited to students with a class of Advanced to Candidacy.

Schedule Type: Seminar

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 920: Qualitative Research in Nursing and Health Care. 3 credits.

Provides the philosophical assumptions underlying qualitative research in nursing and health care. Students will examine the principles of study design, data collection, data analysis, and interpretation associated with phenomenology, grounded theory, and ethnography. Description and mixed-methods designs will be introduced. Qualitative research will be analyzed within the scholarship of discovery, integration, and application. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: NURS 804.

Registration Restrictions:

Enrollment limited to students in a Doctor of Philosophy degree.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 921: Clinical Practicum I. 1-10 credits.

Students, in consultation with their academic advisor, complete supervised practicum hours to meet both the post-baccalaureate and post-masters DNP practicum requirement. A practicum course that prepares students to perform clinical decision making in their role as advance practice nurses in individualized specialty areas. They will work with advanced practice nurse preceptors to develop clinical expertise, and to develop an understanding of leadership roles in the clinical setting that can enhance the system of health care delivery. One credit hour of seminar with the remaining hours in clinical practice. Offered by Nursing. May be repeated within the degree for a maximum 20 credits.

Registration Restrictions:

Enrollment is limited to Graduate level students.

Schedule Type: Internship

Grading:

This course is graded on the Graduate Special scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 922: Clinical Practicum II. 1-10 credits.

Students, in consultation with their academic advisor, complete supervised practicum hours to meet both the post-baccalaureate and post-masters DNP practicum requirement. A practicum course that continues to prepare students to practice in an expanded, advanced clinical practice role. Students will learn to become change agents in the clinical setting with a focus on health care delivery systems. The student will apply advanced health assessment skills and clinical decision making in an area of specialty practice, correlating pathophysiology with symptom manifestations. One credit hour of seminar with the remaining hours in clinical practice. Offered by Nursing. May be repeated within the degree for a maximum 20 credits.

Registration Restrictions:

Enrollment is limited to Graduate level students.

Schedule Type: Internship

Grading:

This course is graded on the Graduate Special scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 930: *Quantitative Methods in Nursing and Health Care*. 3 credits.
Provides a foundation for quantitative design and research methods used to investigate the phenomena of nursing and health care. Topics examined include formulating research questions and hypotheses, sampling strategies, power analysis, selecting research variables, instrumentation, and data collection techniques. Students critically examine the internal and external validity of various approaches to quantitative research designs. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: NURS 804

Registration Restrictions:

Enrollment limited to students in a Doctor of Philosophy degree.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 940: *Independent Study for the Doctoral Student*. 1-6 credits.
Studies in depth a selected area of nursing theory, research, or practice under direction of faculty. Offered by Nursing. May not be repeated for credit.

Recommended Prerequisite: Admission to a doctoral nursing program. Individualized section form required.

Registration Restrictions:

Enrollment is limited to Graduate level students.

Schedule Type: Independent Study

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 950: *Special Topics in Nursing*. 3 credits.
Presents selected topics analyzing specialized areas in nursing. Content varies. Lecture, seminar, laboratory, workshop. Offered by Nursing. May not be repeated for credit.

Specialized Designation: Topic Varies

Registration Restrictions:

Enrollment is limited to Graduate level students.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 980: *Practice Inquiry I*. 4 credits.
Synthesize the literature related to the problem. Analyze the environmental factors impacting the problem. Identify the standard of care related to the clinical problem. Assess the quality of evidence that supports the standard of care. Develop a proposal that will impact the delivery of care in the identified area of practice inquiry. Develop the appropriate outcome measures to address the specific practice inquiry area. Offered by Nursing. May be repeated within the degree for a maximum 8 credits.

Recommended Prerequisite: Completion of DNP core courses.

Registration Restrictions:

Enrollment is limited to Graduate level students.

Schedule Type: Seminar

Grading:

This course is graded on the Graduate Special scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 981: *Practice Inquiry II*. 4 credits.

Implement the proposal developed in Practice Inquiry I. Maintain an ongoing process analysis of the project. Collect data. Analyze the findings from the practice inquiry. Disseminate the findings from the practice inquiry in a scholarly manner. Offered by Nursing. May be repeated within the degree for a maximum 8 credits.

Recommended Prerequisite: NURS 980

Registration Restrictions:

Enrollment is limited to Graduate level students.

Schedule Type: Seminar

Grading:

This course is graded on the Graduate Special scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 998: *Doctoral Dissertation Proposal*. 1-9 credits.

An independent study for Nursing doctoral students resulting in the development of a doctoral dissertation proposal. Includes development of the research problem, literature review, and study methods. The course must be supervised by a School of Nursing faculty member qualified to serve as a dissertation chair. Notes: Students must enroll in the course for 3-credits the first time they take the course. Offered by Nursing. May be repeated within the degree. Offered by Nursing. May be repeated within the degree.

Recommended Prerequisite: Completion of all other coursework except NURS 999 and completion of doctoral comprehensive examination.

Registration Restrictions:

Enrollment limited to students in a Doctor of Philosophy degree.

Schedule Type: Dissertation

Grading:

This course is graded on the Satisfactory/No Credit scale. (<https://catalog.gmu.edu/policies/academic/grading/>)

NURS 999: *Doctoral Dissertation*. 1-9 credits.

Provides continued faculty assistance on an individual basis toward completion of approved dissertation. Note: Students must contact the department at (703) 993-1961 to receive approval and a CRN to register via Patriot Web. Offered by Nursing. May be repeated within the degree.

Recommended Prerequisite: NURS 998.

Registration Restrictions:

Enrollment limited to students with a class of Advanced to Candidacy.

Enrollment is limited to Graduate level students.

Schedule Type: Dissertation

Grading:

This course is graded on the Satisfactory/No Credit scale. (<https://catalog.gmu.edu/policies/academic/grading/>)