



School of Nursing

Medical Center
School of Nursing

Vanderbilt
University
2011/2012

Archived 2011/12
Nursing School Catalog

Containing general information
and courses of study
for the 2011/2012 session
corrected to 30 June 2011
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School of Nursing Calendar 2011/2012

FALL SEMESTER 2011

M.S.N. new student orientation for pre-specialty students (mandatory)/ Wednesday 17 August–Friday 19 August
First day of class for pre-specialty students / Monday 22 August
M.S.N. new-student orientation for direct entry, R.N. pre-specialty and post-master's students (mandatory) / Tuesday 23 August–Wednesday 24 August
Returning M.S.N. student orientation for direct entry, R.N. pre-specialty and post-master's students (mandatory) / Wednesday 24 August (afternoon only)
Undergraduate classes begin (NURS 210A, NURS 231A) / Wednesday 24 August
M.S.N. block classes begin in selected specialties / Thursday 25 August
First day of class for non-block specialty students / Friday 26 August (Monday schedule to make up for Labor Day)
Ph.D. and D.N.P. orientation and 1st intensive / Monday 29 August–Thursday 1 September
Labor Day (no VUSN classes except NURS 210 and NURS 231B on undergraduate schedule) / Monday 5 September
Family Weekend / Friday 16 September–Sunday 18 September
Homecoming–Reunion Weekend / Thursday 20 October–Saturday 22 October
Thanksgiving holiday / Saturday 19 November–Sunday 27 November
Classes end for all students / Friday 9 December
Pinning ceremony for December 2011 graduates / Friday 9 December
Examinations / Monday 12 December–Thursday 15 December
Holidays begin / Friday 16 December

SPRING SEMESTER 2012

Classes begin for specialty students in some specialties / Week of Monday 2 January (please consult block schedules)
Classes begin for pre-specialty students / Monday 9 January
Classes begin for specialty students in some specialties / Week of Monday 9 January (please consult block schedules)
Martin Luther King, Jr., Day—no classes scheduled / Monday 16 January
Ph.D. and D.N.P. 2nd intensive / Tuesday 17 January–Friday 20 January
Spring Break / Saturday 3 March–Sunday 11 March
Easter—no block classes scheduled this weekend / Sunday 8 April
Classes end / Friday 20 April
Community Health, Clinical, Final Examinations / Monday 23 April–Friday 27 April
Commencement–Investiture / Friday 11 May

SUMMER SEMESTER 2012

Classes begin for specialty students in some specialties / Week of Monday 30 April (please consult block schedules for specific specialty start date)
Ph.D. and D.N.P. 3rd intensive / Monday 7 May–Thursday 10 May
May pinning ceremony and alumni reception for graduates / Thursday 10 May
Classes begin for specialty students in some specialties / Week of Monday 16 May (please consult block schedule for specific specialty start date)
Memorial Day—no classes scheduled / Monday 28 May
Independence Day holiday—no classes scheduled / Wed 4 July
Classes end / Friday 3 August
Pinning ceremony for August 2012 graduates / Sunday 5 August

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Medical Center Overview

VANDERBILT University Medical Center (VUMC) has a three-fold mission—the education of health professionals, research in medical sciences, and patient care. This mission is carried out in five primary operating units—the School of Medicine, the School of Nursing, The Vanderbilt Clinic, Vanderbilt University Hospital, and the Monroe Carell Jr. Children’s Hospital at Vanderbilt, all places in which patients receive exemplary care from physicians and nurses who are creative teachers and scholars.

Members of the faculty participate directly in patient care. Their practice encourages the free flow of ideas among the School of Medicine, the School of Nursing, and the clinical units, facilitating joint research activities. As a result, the medical center can undertake significant, innovative programs that set the standards for health care in the region.

Outstanding patient care and technological innovation have established Vanderbilt’s reputation as a leading referral center in the Southeast. Physicians from other states and foreign countries refer to Vanderbilt those patients whose health problems demand interdisciplinary skills and expert knowledge. Consequently, students in the medical center encounter a wider range of diseases than they would be likely to see in many years of private practice.

The Medical Center has combined programs of study with a number of other schools including divinity, business, engineering, and law—and makes possible the Ann Geddes Stahlman professorship in medical ethics as well as interdisciplinary programs in philosophy, religion, and the social sciences.

Through the education of physicians, nurses, biomedical scientists, and technicians in allied health professions—and an overriding concern for the care of patients—Vanderbilt University Medical Center strives to improve the health of the individual. Through scholarship and research leading to new knowledge about the nature, treatment, and prevention of disease, the medical center contributes to the improvement of the health of our society.

Facilities

Vanderbilt University Hospital

The hospital is dynamic, growing, and dedicated to meeting the most critical and complex needs of our region, continuing Vanderbilt’s more than century-old tradition of offering the best in patient care.

Routinely, more than 25 percent of patients seen in the hospitals are from states other than Tennessee, with the majority coming from Kentucky, Alabama, and Mississippi.

The Monroe Carell Jr. Children’s Hospital at Vanderbilt

The Monroe Carell Jr. Children’s Hospital at Vanderbilt is a place of hope and healing for patients and their families. Recognized as one of the premier children’s hospitals in the nation by *U.S. News and World Report* in 2008, Vanderbilt Children’s Hospital cares for the sickest patients in the region and beyond.

Vanderbilt Children’s Hospital is the most comprehensive children’s hospital in the state, providing pediatric services from neurosurgery, cancer treatments, and organ and bone

marrow transplants to repairing broken legs and everything in between. All children regardless of ability to pay are welcomed. Vanderbilt Children’s Hospital has the only pediatric emergency department in Middle Tennessee; this department had more than 41,000 visits in FY08, and more than 161,000 patients were seen in outpatient clinics the same year.

Constructed in 2004, the new freestanding Monroe Carell Jr. Children’s Hospital at Vanderbilt is filled with state-of-the-art equipment and information systems to provide the best treatment for patients and offers a variety of family accommodations to help fulfill its mission of family-centered care. Vanderbilt Children’s Hospital is a nonprofit teaching and research hospital that relies on the support of individuals and others to help children get well and on their way.

The Psychiatric Hospital at Vanderbilt

This facility provides provides inpatient, partial hospitalization services to children, adolescents, and adults with psychiatric and substance abuse problems. Services include 24-hour crisis assessment and a year-round accredited school for children and adolescents.

The Vanderbilt Clinic

The 900,000 square foot Vanderbilt Clinic and Medical Center Easthouses more than 100 medical specialty practice areas, the clinical laboratories, a center for comprehensive cancer treatment, a day surgery center. The clinic was opened in February 1988.

Vanderbilt Stallworth Rehabilitation Hospital

Vanderbilt Stallworth provides comprehensive inpatient and outpatient rehabilitation services for adult and pediatric (age 6+) patients with neurological, orthopaedic, and other injuries, as well as chronic conditions and disabilities. With state-of-the-art treatment technology, the hospital specializes in the treatment of stroke, brain, and spinal cord injury; multiple traumas; amputees; hip fracture; and other diagnoses. A designated Stroke Center of Excellence within its ninety-four hospital rehabilitation network, Stallworth repeatedly exceeds the national benchmarks for patient satisfaction and functional outcomes. It is also home to the Vanderbilt Center for Multiple Sclerosis. This hospital is a joint venture with HealthSouth Corporation.

Vanderbilt-Ingram Cancer Center

The Vanderbilt Ingram Cancer Center is Tennessee’s only Comprehensive Cancer Center designated by the National Cancer Institute and one of only forty such centers in the country. In 2007, the Cancer Center was invited to join the prestigious National Comprehensive Cancer Network, a non-profit alliance of twenty-one of the world’s elite cancer centers collaborating on improving the quality and effectiveness of cancer care for patients everywhere. The center unites nearly 300 physicians and scientists in seven research programs in breast cancer, gastrointestinal cancer, experimental therapeutics, genome maintenance, host-tumor interactions, signal

transduction, and cell proliferation, as well as cancer-prevention and population-based research. These scientists generate more than \$180 million in annual support from public and private sources. The center includes a long list of large “team science” grants from the NCI and other sources, including three Specialized Programs of Research Excellence (SPORes) in breast, gastrointestinal, and lung cancers, the Southern Community Cohort Study, a Digestive Disease Center grant, a Tumor Microenvironment Network grant, a Mouse Models Consortium grant, a Molecular Signatures of Lung Cancer grant, a Clinical Proteomic Technology assessment grant, a Minority Partnership grant (with Meharry Medical College), and a Multiscale Mathematical Modeling for Cancer grant. The center’s clinical trials program includes robust work in Phase I drug development and designation by the NCI as sites for Phase I and Phase II clinical trials. The center also boasts several donor-supported research initiatives, including the Frances Williams Preston Laboratories of the T. J. Martell Foundation, the A. B. Hancock Jr. Memorial Laboratory for Cancer Research, the Jim Ayers Institute for Pre-Cancer Detection and Diagnosis, and the Robert J. Kleberg and Helen C. Kleberg Center for Cancer Genetics and Genomics.

Vanderbilt Kennedy Center for Research on Human Development

The mission of the Vanderbilt Kennedy Center is to improve the quality of life of persons with disorders of thinking, learning, perception, communication, mood, and emotion caused by disruption of typical development. It is dedicated to improving the lives of children and adults with disabilities by embracing core values that include the pursuit of scientific knowledge with creativity and purpose; the dissemination of information to scientists, practitioners, families, and community leaders; the facilitation of discovery by Kennedy Center scientists; and the translation of knowledge into practice. The center is one of fourteen nationally designated National Institutes of Health research centers on mental retardation and other developmental disabilities supported in part by the National Institute of Child Health and Human Development. In 2005, it was designated a University Center for Excellence on Developmental Disabilities Education, Research, and Service by the federal Administration on Developmental Disabilities. The center is an interdisciplinary research, training, diagnostic, and treatment institute, embracing faculty and resources available through Vanderbilt University Medical Center, the College of Arts and Science, and Peabody College. The center brings together scientists and practitioners in behavior, education, genetics, and neuroscience to work together in unique ways to solve the mysteries of development and learning.

Vanderbilt Diabetes Center

The Vanderbilt Diabetes Center provides a comprehensive approach to diabetes. Programs dealing with education and training of students and fellows provide the next generation of caregivers and scholars. Other programs support the diabetes-related research of more than eighty VUMC faculty members. Several sophisticated core resources are of particular importance in this regard. Finally, the VDC, through the recently established Vanderbilt-Eskind Diabetes Clinic, provides comprehensive clinical care, including addressing complications of the disease, for diabetics of all ages.

Rudolph A. Light Hall

Completed in 1977, Light Hall provides classroom and laboratory space for students in the School of Medicine. It houses the Department of Biochemistry, the Department of Molecular Physics and Biophysics, and the Howard Hughes Medical Institute. Named for Dr. Rudolph A. Light, former professor of surgery and member of the Board of Trust, Light Hall is connected by tunnels to Medical Center North and to the hospital and by bridge to the Medical Research Buildings and the Veterans Administration Medical Center.

Ann and Roscoe Robinson Medical Research Building

Laboratories and academic space for pharmacology, biochemistry, and molecular physiology and biophysics are housed in the Ann and Roscoe Robinson Medical Research Building. The eight-story building, opened in 1989, is also home to the A. B. Hancock Jr. Memorial Laboratory for Cancer Research and the positron emission tomography (PET) scanner.

The building is linked to Light Hall and shares an underground level with The Vanderbilt Clinic. The Vanderbilt Clinic and the Veterans Administration Medical Center are connected to the Medical Research Buildings by a bridge.

Frances Preston Medical Research Building

This building is named in honor of Frances Williams Preston, President and CEO of Broadcast Music, Incorporated, and was formerly known as Medical Research Building II. The purpose of this building is to consolidate the Vanderbilt-Ingram Cancer Center programs into one primary location with a distinct presence within the Vanderbilt Medical Center campus. The project consists of a new two-story lobby at grade with a patient drop-off area, five office floors, and a conference center floor.

Medical Research Building III

The MRB III building houses sixty-six research laboratories, four teaching laboratories, research support areas, offices, conference rooms, classrooms, and an 8,650-square-foot greenhouse for research and teaching.

The landmark project—a 350,000-square-foot facility designed to promote study between diverse scientific disciplines—is a joint undertaking of the College of Arts and Science and the medical center.

Medical Research Building IV

Medical Research Building IV (MRB IV) adds 389,000 square feet of wet lab space to the medical center campus. The building has two separate but linked parts consisting of a three-story, vertical addition to Light Hall and a seven-story addition above Langford Auditorium. The new facility supports continued growth in VUMC research programs. The project site incorporates the existing Light Hall structure and Langford Auditorium and the existing land area immediately west and behind Langford for a distance of 75 feet to the shared VUMC/VA property line.

The concrete-framed Light Hall addition, which was completed and occupied in September 2005, is now home to approximately eighteen principal investigators and associated staff. The Langford overbuild, also designed as a concrete frame with an exterior glass skin, was completed in March 2008, while early occupancy of the lab spaces began in the fall of

2007. The exterior skin closely matches the architectural design of the existing Eskind Library. Twenty-four-foot-high concrete trusses span Langford Auditorium and transfer column loads for the upper portion of the new building. The Langford Auditorium exterior is completely enveloped within the new design; the interior of the auditorium has been completely renovated.

Medical Center North

The 21-bed Newman Clinical Research Center, an inpatient orthopaedic unit, and a general-care unit are located in Medical Center North. The complex also houses administrative support services for the hospital and Medical Center.

Faculty and administrative offices and research space for medical school departments are in Medical Center North. The original portions of the building were completed in 1925. Since that time a number of connecting wings and buildings have been added.

Vanderbilt Health 100 Oaks

Opened in spring 2009, this 400,000-square-foot doctors office suite is designed for convenience from easy access off the interstate highway system to easy surface parking, automated check-in, and integrated services, labs, and radiology. It houses twelve specialty clinics, primary care, advanced imaging, and a 70,000-square-foot health and wellness facility.

Vanderbilt Medical Group Williamson County

Vanderbilt Medical Group Williamson County is the largest group practice in suburban Williamson County with nearly 100 physicians in practices ranging from primary care to sports medicine, GI, cancer care, imaging, and pediatrics.

Mary Ragland Godchaux Hall

Built in 1925, Mary Ragland Godchaux Hall is located between the Jean and Alexander Heard Library and MRB III of the Vanderbilt University Hospital. Faculty and administrative offices and research space for the Nursing School are located within this building. In 2006, Godchaux Hall completed a two-year renovation to update the building infrastructure.

Godchaux Hall contains a state-of-the-art IP-based video-conferencing classroom, two research interview rooms with video and audio recording options, a research observation room with video and audio recording controls, three equipped small seminar/conference rooms, one moderate-size electronic classroom for use with laptops, and an audiovisual-equipped living room. Together with a sunlit atrium connecting the building with others in the nursing complex, Godchaux Hall Annex comprises 34,421 square feet. The facility includes two large- and two medium-size lecture halls, as well as four seminar-size classrooms. All can be quickly equipped for audio and video recording to tape or broadcast via streaming media. All classrooms have permanently installed projection devices and an up-to-date presentation computer. All afford wireless access to the Internet. The four larger halls are equipped with Smart technology at the lectern. The facility has a commons area that brings the total space for the Annex to 13,175 square feet.

Center for Research Development and Scholarship (CRDS). Housed on the fourth floor of Godchaux Hall, CRDS provides research consultation, support, and resources for scholarly and research projects. CRDS assists with grant proposal

development, Institutional Review Board application, paper and poster presentation, database management, instrument development, use of computers, literature searches, reference retrieval, and manuscript preparation. CRDS resources are available to all School of Nursing faculty investigators.

Patricia Champion Frist Hall

In 1998 the 20,259-square-foot Patricia Champion Frist building, located adjacent to Godchaux Hall, was completed. This building houses the Frist Nursing Informatics Center, a multi-media classroom with installed networking for seventy-five students, a health-assessment/multipurpose classroom, a student lounge, a reception area, and fifty faculty offices. Two of the larger classrooms have installed infrastructure capable of video streaming live lectures. Godchaux Hall, the Annex, and Frist Hall are joined by a common Atrium. Thus, the three buildings of the School of Nursing and the Atrium form a self-contained, cohesive instructional and social complex.

The Frist Nursing Informatics Center (FNIC). The FNIC student computer labs, located in Patricia Champion Frist Hall, are equipped with twenty-seven Dell Precision T1500 computers (Intel i5-750 2.66GHz processor with 2 GB of RAM and a 250GB hard drive loaded with Windows 7, a 48X CD-RW/DVD-RW drive, and USB access for a personal thumb drive), two scanners, and three laser printers. An additional eight units are installed in a Testing Lab to accommodate the growth of proctored Web-based testing in a quiet environment. All computers are placed on a three-year rotation cycle. For some courses, students schedule testing dates in order to suit individual needs within a range of dates allowed by course faculty.

A full range of software is available for document preparation; however, fewer tools are available on computers dedicated to testing. Instructional software is also available over the network or via CD/DVDs from the media library. Faculty and students use a Web-based course management system called OAK (Online Access to Knowledge) which is built on Blackboard, for most course communication, group activities, and the sharing of course resources. In addition, two-way synchronous audio and graphic collaboration is available using a Web conferencing system called Microsoft LiveMeeting; and two-way, multi-point IP-based video collaboration is available using a system called Scopia. Experts in graphics, interactive educational design, and information technology are available through the FNIC. Consultation and troubleshooting activities include assistance with design and development of instructional strategies, development of specialized interactive computer-based programs and webpages, design and maintenance of databases, design and development of graphics and instructional materials, video production, and audiovisual editing services. The FNIC implements and maintains quality assurance for School of Nursing webpages and printed materials with assistance from designated departmental staff and program faculty.

Vanderbilt Dayani Center for Health and Wellness

The Kim Dayani Center is a medically based fitness/health promotion center which specializes in the modification of risk factors, including those related to cardiovascular disease, weight management, stress, sedentary lifestyle, and smoking.

Vanderbilt Center for Better Health

The Vanderbilt Center for Better Health's mission is to accelerate change in health care. To accomplish this mission, the center convenes diverse stakeholders to accomplish critical path planning, provides methods for reducing time to results, conducts research through demonstration projects, and supports active learning through sessions that leverage facts during solution design. The VCBH innovation center is one tool used by our clients to achieve this mission and focuses on leveraging our strengths in the areas of strategies and skills for health care and clinician adoption of health information technology. Our research programs include the Regional Informatics Initiative and the Health Care Solutions Group—a think-and-act tank jointly sponsored by Vanderbilt Medical Center and the Nashville Health Care Council. We are currently researching future programs focused on personal health record (PHR) and applications (PHA), as well as consumerism in health care.

Vanderbilt Heart and Vascular Institute

The Vanderbilt Heart and Vascular Institute is a comprehensive and integrated heart and vascular program offering diagnosis, medical treatment, minimally invasive therapies, surgical intervention, and disease management, state-of-the-art techniques, and personalized treatment programs to meet each individual's unique needs.

Vanderbilt Bill Wilkerson Center for Otolaryngology and Communication Sciences

The Vanderbilt Bill Wilkerson Center is devoted to comprehensive patient care, education, and research in the field of communication disorders and diseases, as well as ailments of the ear, nose, and throat, and head and neck. Its programs are highly regarded nationally; *U.S. News & World Report's* 2007 survey of the nation's "Best Hospitals" ranked VUMC's otolaryngology program at number 16 nationally. In 2004, the last time these programs were ranked by *U.S. News*, the Wilkerson Center's audiology program ranked first among 118 programs and its speech pathology tied for sixth out of 225 other programs.

Vanderbilt Transplant Center

The Vanderbilt Transplant Center is a multidisciplinary alliance of transplant specialists. Each transplant program within the center represents a collaboration of medical and surgical professionals working together in the best interests of the transplant patient.

Libraries

The Jean and Alexander Heard Library

This is the collective name for all the libraries at Vanderbilt, which have a combined collection of more than 2.8 million volumes. It comprises the Central, Biomedical, Divinity, Law, Management, Music, Peabody, and Science and Engineering libraries, each of which serves its respective school and disciplines. Special Collections, the University Archives, and the Television News Archive are also part of the library system. The facilities, resources, and services of these divisions are available to all Vanderbilt faculty and staff members, students, and alumni/ae. Most materials are shelved in open stacks and are available to users through Acorn, the library's integrated,

automated system. Acorn also provides access to a growing number of full-text journals, as well as indexes and other research resources. Acorn and the library homepage (www.library.vanderbilt.edu/) are accessible via the campus network and from workstations in each library.

The Annette and Irwin Eskind Biomedical Library

The Eskind Biomedical Library (EBL) is a modern 78,000-net-square-foot facility, dedicated in April 1994. The construction of this award-winning library building was made possible by a gift from Vanderbilt Alumnus Irwin Eskind and his wife, Annette. With a staff of forty, the library collects and provides access to materials to support the teaching, research, and service missions of Vanderbilt University Medical Center.

Digital Resources. To facilitate information access at the point of need, EBL's practice philosophy centers on the provision of electronic resources related to medicine, nursing and the biosciences and services that integrate evidence seamlessly into VUMC workflow. EBL's comprehensive, multidimensional Digital Library (www.mc.vanderbilt.edu/diglib) offers fast, targeted access to online books, journals, databases and websites. Through this portal, EBL provides access to more than 3,754 full-text electronic journal titles, a number that is continually expanding. It also makes available seminal online texts (e.g., *Harrison's Online* and *Nelson Textbook of Pediatrics*) in a wide range of biomedical specialties. In addition, EBL offers the Books@Ovid collection which includes 72 titles and AccessMedicine which includes 44 book titles. The library subscribes to a wide variety of information sources to promote evidence-based practice: MDConsult™, STAT!-Ref.™, and Current Protocols Online are collections of full-text electronic resources. CRL Online (Clinical Reference Library™) and EpocratesRX are comprehensive clinical drug information databases. BMJ's Clinical Evidence provides summaries of current knowledge on medical treatment for a range of conditions, developed through literature searching and assessment of systematic reviews. UpToDate® is a database of clinical topic reviews based on clinical evidence. InfoRetriever provides a cross-database search engine and displays full-text documents from a variety of evidence-based resources, including the InfoPOEMs database. Global Infectious Disease and Epidemiology Network (GIDEON) is an online diagnosis and reference tool for the tropical and infectious diseases, epidemiology, microbiology and antimicrobial chemotherapy fields. Ovid™ Technologies provides access to several databases, including MEDLINE, CINAHL™ (nursing and allied health), Ovid™ Evidence-Based Medicine Reviews, EMBASE Drugs & Pharmacology™, and HaPI™ (health and psychosocial instruments). Multimedia programs, such as A.D.A.M. Online Anatomy™, support just-in-time education needs.

To promote biosciences research, the library also provides Web access to the ScienceDirect® and Web of Knowledge™ which includes BIOSIS®, Current Contents Connect®, ISI-Highly Cited™ and Science Citation Index Expanded. Access to key National Center for Biotechnology Information resources including PubMed, GenBank™, Entrez Gene™, Map Viewer™, and OMIM™. In addition, the medical center information systems are accessible via the Digital Library.

Using its flexible Digital Library shell, EBL has also created specialized Digital Libraries for Children's Hospital, bioresearch, nursing, public health, Vanderbilt School of Medicine, and consumer health users, as well as medical school alumni, to customize the electronic delivery of information to these specific user groups.

Evidence-based Practice Support. The library employs a matrix of strategies to foster evidence-based medicine practice. The EBL provides access to a list (www.mc.vanderbilt.edu/diglib/ebm.html) of commercially-produced evidence-based databases through a primary navigation button within the Digital Library. This list encompasses critical resources such as UpToDate[®]; Cochrane Database of Systematic Reviews, Review of Effects and Register of Controlled Trials; HealthGate; ACP Journal Club; and links to globally accessible EBM resources such as the National Guideline Clearinghouse[™]. The site also features EBL's internally-developed EBM databases such as the Clinical Informatics Consult Service (CICS) Evidence Based Site and the Outpatient Clinical Informatics Consult Service (OCICS) Site, which house evidence syntheses created in response to complex clinical queries, and the Pathway/Order Set Literature Locator, which contains expert search strategies and literature summaries to support evidence-based development of clinical pathways and clinical order sets.

EBL has developed proactive mechanisms to integrate evidence into clinical and research workflow through linkages of patient care guidelines within the electronic medical record. Further leveraging VUMC's informatics tools, the library has extended the CICS evidence-provision model to incorporate an evidence-request function into the patient record system to which clinicians can post complex questions and receive an expert summary of the relevant literature. Summaries are integrated into the permanent patient record.

In addition to working as clinical and research informationists, EBL librarians participate in multidisciplinary teams throughout the medical center, supporting a variety of programs such as pathways/order sets development, IRB, and patient information services. EBL team members contribute vetted patient information links addressing diseases/conditions and lab findings/vital signs to the medical center's online patient portal, MyHealthAtVanderbilt, and the medical center's electronic medical record system, StarPanel.

Programs and Services. The library is committed to service, and its most important resource is the expertise of its staff. Librarians help students, residents, and faculty stay abreast of the latest findings in the literature by actively participating on clinical rounds and providing targeted support to researchers. Bioinformatics support is provided through regular training classes and individualized consultations. Members of the collection development team are available to meet with faculty developing new courses or programs to assess the information needs of those endeavors and determine the most appropriate way to fulfill those needs. EBL assistance with comprehensive literature reviews is available to researchers developing IRB protocols and to IRB protocol analysts.

The library has also established a Patient Informatics Consult Service (PICS) program to provide VUMC patients and their families with the latest in health information. Information provision to this patron group includes comprehensive information packets tailored to patient needs, access to the EBL's consumer health materials collection, and access to the EBL's online Consumer Health Digital Library.

Through AskELIS asynchronous services (Library Information Desk, SearchDoc, the Librarian On Call, and Learning Site), staff expertise is electronically available 24/7. Online knowledge modules provide 24-hour interactive instruction in health science resources and bibliographic management tools. Other services include circulation of books, management of reserve materials, document delivery to obtain needed material held by other institutions, reference and research services, and guidance in the

use of new information technologies. As part of the Informatics Center, library staff work in partnership with researchers in the Division of Biomedical Informatics and the Information Management Department to innovate the delivery of health information to Vanderbilt and to the larger regional community.

Just-in-Time Learning Support. The library offers formal orientations and training sessions on electronic resources regularly in the state-of-the-art Training Room. The Training Room features fourteen training stations, a master station for the trainer, and multimedia projection capabilities. Classnet[®], an integrated hardware utility, allows the trainer to assume control of trainees' computers, the multimedia player, and the classroom projector, which facilitates interactive instruction and demonstration. EBL staff also actively exploit opportunities for informal, just-in-time training in all interactions with Medical Center professionals.

EBL has also developed a medical education-focused digital library, Ask GALEN (General Assistance for Learning and Education Needs) that links targeted electronic resources (electronic books, suggested course readings, relevant web sites, etc.) directly to lectures housed in the medical school's web-based course management system. Ask GALEN allows students to move seamlessly between lecture notes and supplementary study materials to support medical education at the point of need.

The EBL provides Medical Center patrons with the computer equipment needed to support their information needs. Most public workstations in the library have the same desktop and functionality as other "shared" workstations throughout the medical center. All fifty-four publicly available computers in the library are connected to the medical center network. In addition, fifteen wireless laptop computers and four wireless Airpanel monitors can be used in the library.

Knowledge Management. EBL has long focused on integrating knowledge management approaches into information provision. A knowledge management focus on designing reusable tools is central to EBL-created tools (www.mc.vanderbilt.edu/kmt/index.html) such as the Learning Framework, the Learning Module Shell, the Publishing and Directory Shells, and the Informatics Center Tools Finder. Moreover, EBL actively seeks opportunities to integrate information into existing medical center tools and processes.

EBL Research. EBL's research interests include integrating evidence into the patient care and research workflow using informatics applications; evaluating and formalizing the informationist concept; education, skills development, and leadership development of librarians; optimal selection and use of information resources; and digital library development. (www.mc.vanderbilt.edu/biolib/research/index.html)

Print Resources. For materials not available in digital format or of historical value, the library maintains a print collection of more than 203,028 volumes, of which about 80,066 are monographs and 122,962 are serials. The library receives ~116 print serial titles and has a small collection of non-print material. Most materials are shelved in open stacks and are available to users through Acorn, the library's web-based catalog. A unique collection of rare books, photographs, and historical items can be found in the Historical Collections Room. The EBL Medical Center Archives is a repository for manuscripts and institutional records reflecting the history of the medical center and the history of medicine. The EBL's Records Center serves as a model archives and records program, providing access to materials with possible long-term administrative and historical value to the institution.

More details are provided at www.mc.vanderbilt.edu/biolib/. The site includes a succinct description of the library's collection, programs and services and a responsibility chart (in the "Who's Who at Eskind" section).

Professional and Supervisory Staff

DEBORAH BROADWATER, M.L.S., Assistant Director for Collection Development
 JOHN CLARK, M.S., Health Systems Analyst Programmer
 MARK DESIERTO, M.S.L.I.S., Library Intern
 MARCIA EPELBAUM, M.A., Assistant Director for Library Operations
 GAYLE GRANTHAM, Health Information Specialist
 NUNZIA GIUSE, M.D., M.L.S., Director
 REBECCA JEROME, M.L.I.S., Assistant Director for Filtering and Evidence-Based Services
 TANEYA KOONCE, M.S.L.S., Assistant Director for Web Development
 QINGHUA KOU, M.S., Health Systems Analyst Programmer
 PATRICIA LEE, M.L.S., Assistant Director for Fee-Based Services
 FRANCES LYNCH, M.L.S., Associate Director for Administration
 JENNIFER LYON, M.L.I.S., M.S., Coordinator, Research Informatics Consult Service
 SANDRA L. MARTIN, M.L.S., Ed.S., Ed.D., Assistant Director for Children's Hospital Services
 DAN E. MCCOLLUM, Administrative Assistant Director for Auxiliary Centers
 SHANNON A. MUELLER, M.L.I.S., Librarian
 JEREMY NORDMOE, M.A., Coordinator, Medical Center Archives
 CHRISTOPHER RYLAND, M.S.I.S., Coordinator for Special Collections
 NILA SATHE, M.A., M.L.I.S., Assistant Director for Research
 MARY H. TELOH, M.A., Coordinator, Historical Collections
 PAULINE TODD, M.S., Librarian
 MARGARET W. WESTLAKE, M.L.S., Assistant Director for Staff Training
 ANNETTE M. WILLIAMS, M.L.S., Associate Director
 TAO YOU, M.L.I.S., Librarian
 JERRY ZHAO, M.S., M.L.I.S., Systems Software Specialist

Affiliated Facilities

Vanderbilt is closely affiliated with the 485-bed Veterans Administration Medical Center—a Vice Chancellor's Committee hospital containing 439 acute-care beds and outpatient facilities.

The Medical Center uses the facilities of Baptist Hospital, Meharry Medical School/Nashville General Hospital, the Luton Community Mental Health Center, the Middle Tennessee Mental Health Institute, the Metro Nashville-Davidson County Health Department, Southern Hills Hospital, and Centennial Medical Center.

Meharry-Vanderbilt Alliance

Established over ten years ago, this nationally recognized historic collaboration between two uniquely diverse medical education institutions and traditions has become a tremendous success. Created to foster a diverse educational and scientific environment, this partnership has focused on clinical science training, academic support, biomedical research and training, and health services initiatives with emphasis on those that affect the disparities between the majority and minority populations. More than fifty students per year from both campuses have shared cross-campus experiences through clerkships, residencies, and fellowships benefiting student curricula and enhancing the academic support infrastructure of both institutions. The initiatives focus on four specific areas: undergraduate medical education, graduate medical education, student affairs, and information management and libraries. Collaborative efforts in research and training yielded over \$40 million in grants in FY07. Joint projects have resulted

in 219 publications of which 197 were published post-creation of the alliance. The alliance has created translational and participatory community health initiatives which are benefiting the underserved community. The alliance has also formed a Meharry-Vanderbilt Student Alliance (MVSA) which involves more than 200 students from both campuses in educational, clinical, and community service programs. MVSA is a student-run organization and develops programs suggested by students. MVSA publishes a newsletter three times a year to highlight student activities and interests.

Information Technology Services

Information Technology Services (ITS) offers voice, video, data, computing, and conferencing services to Vanderbilt students, faculty, and staff. ITS provides free antivirus downloads and malware prevention in many campus areas.

ITS maintains and supports VUNet, the campuswide data network that provides access to the Internet, and VUNetID, the authentication service that enables Vanderbilt users to securely identify themselves to many services on VUNet. Those services include YES, Your Enrollment Services; Online Access to Knowledge (OAK); and Vmail, the university's email system. Vmail also includes VUmailguard, designed to protect your email from viruses, unwanted mail (spam), and high-risk attachments.

ITS maintains the campus phone (voice) network, including personal phone lines for resident students. Optional services include voice mail and long-distance calls from campus (V-net). ITS also partners with Sprint, Verizon, and AT&T to offer discounts for cellular phone service. For discount information see its.vanderbilt.edu/cellphone.

Vanderbilt offers all students the latest version of Microsoft Office and Microsoft Windows free of charge through our Microsoft Campus Agreement. See softwarestore.vanderbilt.edu for more information.

Through the Digital Life initiative, Vanderbilt highlights VUmix, legal, safe, inexpensive, and easy ways to explore and share music and digital content. See digitallife.vanderbilt.edu and www.vanderbilt.edu/vumix for details.

ITS offers various conferencing and collaboration services for students. VU Live, Vanderbilt's Microsoft Live implementation, offers Skydrive, 25 GB of network file space, and Office Live, Web versions of Microsoft Office applications, at its.vanderbilt.edu/vulive. Vanderbilt's blog service offers WordPress Blogs at blogs.vanderbilt.edu. Audio and video conferencing via desktop or a Polycom bridge, and the ITS podcast studio are just a few of the services available. See its.vanderbilt.edu/services/collaboration for more information.

The ITS Help Desk provides information to students, faculty, and staff about VUNet and VUNet services. Help Desk locations, hours, contacts, and other information can be found at www.vanderbilt.edu/helpdesk.

For more information on IT services and computing at Vanderbilt, go to its.vanderbilt.edu.

The Julia Hereford Society

The Julia Hereford Society is an association endorsed by Vanderbilt University on the recommendation of the Vanderbilt University Board of Trust. It is named to honor Julia Hereford, a 1936 graduate and former dean of the School of Nursing under whose guidance from 1949 to 1965 the graduate/professional program was begun. Throughout her life,

Hereford worked tirelessly to strengthen both the Vanderbilt University School of Nursing and the nursing profession as a whole.

The purpose of the Julia Hereford Society is to recognize and honor individuals who have demonstrated interest in and support for the nursing school, and through involvement build further understanding and commitment to the school's goals. This group strives to create and maintain a firm base of continuing unrestricted gift support, and through cultivation, identify those capable of large capital gifts. It also provides members with the opportunity to become better informed about the purpose, programs, and plans of the school and its mission of excellence in nursing education, nursing research and nursing practice. The society plays a key role in helping to foster volunteer leadership development by providing opportunities for involvement in key roles within the society. The Julia Hereford Society has 234 members and continues to grow each year, which makes it possible for students to receive the scholarships generously provided by the society.

*The Julia Hereford Society
(Established 1984)
Board Chairs*

2009-Present	John Michael Briley, D.N.P.
2007-2009	Robert "Bob" McNeilly
2004-2007	Julia Triplett
2002-2004	Frances Edwards
2000-2001	Libby Dayani
1999-2000	Milah Lynn
1997-1999	Julie Boehm
1995-1996	Nancy S. Peterson
1994-1995	H. Victor Braren, M.D.
1991-1993	Dorothy S. Goldstein
1989-1991	Nancy Travis
1987-1988	Stanley Bernard, M.D.
1984-1986	Frances Edwards

The University

When Commodore Cornelius Vanderbilt gave a million dollars to build and endow Vanderbilt University in 1873, he did so with the wish that it "contribute to strengthening the ties which should exist between all sections of our common country."

A little more than a hundred years later, the Vanderbilt Board of Trust adopted the following mission statement: "We reaffirm our belief in the unique and special contributions that Vanderbilt can make toward meeting the nation's requirements for scholarly teaching, training, investigation, and service, and we reaffirm our conviction that to fulfill its inherited responsibilities, Vanderbilt must relentlessly pursue a lasting future and seek highest quality in its educational undertakings."

Today as Vanderbilt pursues its mission, the university more than fulfills the Commodore's hope. It is one of a few independent universities with both a quality undergraduate program and a full range of graduate and professional

programs. It has a strong faculty of more than 2,000 full-time members and a diverse student body of about 10,000. Students from many regions, backgrounds, and disciplines come together for multidisciplinary study and research. To that end, the university is the fortunate recipient of continued support from the Vanderbilt family and other private citizens.

The 330-acre campus is about one and one-half miles from the downtown business district of the city, combining the advantages of an urban location with a peaceful, park-like setting of broad lawns, shaded paths, and quiet plazas.

Off-campus facilities include the Arthur J. Dyer Observatory, situated on a 1,131-foot hill six miles south.

The schools of the university offer the following degrees:

College of Arts and Science. Bachelor of Arts.

Blair School of Music. Bachelor of Music.

Divinity School. Master of Divinity, Master of Theological Studies.

School of Engineering. Bachelor of Engineering, Bachelor of Science, Master of Engineering.

Graduate School. Master of Arts, Master of Arts in Teaching, Master of Fine Arts, Master of Liberal Arts and Science, Master of Science, Doctor of Philosophy.

Law School. Master of Laws, Doctor of Jurisprudence.

School of Medicine. Master of Education of the Deaf, Master of Laboratory Investigation, Master of Public Health, Master of Science in Clinical Investigation, Master of Science in Medical Physics, Master of Science (Speech-Language Pathology), Doctor of Audiology, Doctor of Medical Physics, Doctor of Medicine.

School of Nursing. Master of Science in Nursing, Doctor of Nursing Practice.

Owen Graduate School of Management. Master of Accountancy, Master of Business Administration, Master of Management in Health Care, Master of Science in Finance.

Peabody College. Bachelor of Science, Master of Education, Master of Public Policy, Doctor of Education.

No honorary degrees are conferred.

Accreditation

Vanderbilt University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award bachelor's, master's, education specialist's, and doctor's degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, or call (404) 679-4500 for questions about the accreditation of Vanderbilt University.



Life at Vanderbilt

VANDERBILT provides a full complement of auxiliary services to meet the personal needs of students, to make life on the campus comfortable and enjoyable, and to provide the proper setting for academic endeavor.

Graduate Student Council

The Graduate Student Council (GSC) exists to enhance the overall graduate experience at Vanderbilt by promoting the general welfare and concerns of the graduate student body, creating new programs and initiatives to provide opportunities for growth and interaction, and communicating with the Vanderbilt faculty and administration on behalf of graduate students. These goals are accomplished through a structure of elected representatives, standing committees, and officers. Meetings, which are open to all graduate students, are held monthly. Council meetings provide a forum in which to address many types of concerns. In the recent past, the GSC has helped change policies involving the process for approving dissertations, TA advocacy, parking, student health insurance coverage, housing, and the student-funded recreation center. The GSC is also a member of the National Association of Graduate and Professional Students (NAGPS).

In addition to its representative function, the GSC also organizes a number of events and hosts/sponsors various projects during the year. Some examples include co-sponsoring seminars and panels with individual departments, Graduate Student Research Day (early spring semester), the Graduate Student Honor Council, community outreach activities, and social opportunities. The GSC also awards travel grants to graduate students who wish to present their research at conferences throughout the year. All Vanderbilt graduate students are welcome to attend GSC's monthly meetings and to get involved. For more information, go to www.vanderbilt.edu/gradschool.

Housing

To support the housing needs of new and continuing graduate and professional students, the Office of Housing and Residential Education provides a Web-based off-campus referral service (apphost1a.its.vanderbilt.edu/housing/Main/). The referral service lists information on housing accommodations off campus. The majority of rental property is close to the campus. Cost, furnishings, and conditions vary greatly. For best choices, students seeking off-campus housing should visit the office or consult the website by early July for suggestions and guidance. The website includes advertisements by landlords looking specifically for Vanderbilt-affiliated tenants, as well as by Vanderbilt students looking for roommates. Listings are searchable by cost, distance from campus, number of bedrooms, and other parameters. Students may also post "wanted" ads seeking roommate or housemate situations. On-campus university housing for graduate or professional students is not available.

Change of Address

Students who change either their local or permanent mailing address are expected to notify school and university registrars

immediately. Candidates for degrees who are not in residence should keep the school and University Registrar informed of current mailing addresses. To change or update addresses, go to registrar.vanderbilt.edu/academicrec/address.htm.

The Commodore Card

The Commodore Card is the Vanderbilt student ID card. It can be used to access debit spending accounts, VU meal plans, and campus buildings such as residence halls, libraries, academic buildings, and the Student Recreation Center.

ID cards are issued at the Commodore Card Office, 184 Sarratt Student Center, Monday through Friday from 8:30 a.m. to 4:00 p.m. For more information, go to www.vanderbilt.edu/commodorecard.

Eating on Campus

Vanderbilt Dining operates several restaurants, cafes, and markets throughout campus that provide a variety of food. The two largest dining facilities are Rand Dining Center (behind Sarratt Student Center) and The Ingram Commons dining hall. Six convenience stores on campus offer grab-and-go meals, snacks, beverages, and groceries. All units accept the Commodore Card and Meal Plans. Graduate student Meal Plans are offered at a discount. For more information, hours, and menus, go to www.vanderbilt.edu/dining.

Obtaining Information about the University

Notice to current and prospective students: In compliance with applicable state and federal law, the following information about Vanderbilt University is available:

Institutional information about Vanderbilt University, including accreditation, academic programs, faculty, tuition, and other costs, is available in the catalogs of the colleges and schools on the Vanderbilt University website at www.vanderbilt.edu/catalogs. A paper copy of the Undergraduate Catalog may be obtained by contacting the Office of Undergraduate Admissions, 2305 West End Avenue, Nashville, Tennessee 37203-1727, (800) 288-0432, (615) 322-2561, admissions@vanderbilt.edu. Paper copies of the catalogs for the graduate and professional schools may be available from the individual schools.

Information about financial aid for students at Vanderbilt University, including federal and other forms of financial aid for students, is available from the Office of Student Financial Aid on the Vanderbilt University website at www.vanderbilt.edu/financialaid. The Office of Student Financial Aid is located at 2309 West End Avenue, Nashville, Tennessee 37203-1725, (615) 322-3591 or (800) 288-0204.

Information about graduation rates for students at Vanderbilt University is available on the Vanderbilt University website at virg.vanderbilt.edu. Select "Factbook," then "Student," then "Retention/Graduation Rates." Paper copies of information about graduation rates may be obtained by writing the Office of the University Registrar, Vanderbilt University, PMB 407701, 2301 Vanderbilt Place, Nashville, Tennessee 37240-7701 or by calling (615) 322-7701.

The Vanderbilt University *Annual Security Report* on university-wide security and safety, including related policies,

procedures, and crime statistics, is available from the Vanderbilt University Police Department on the university website at police.vanderbilt.edu/annual-security-report. A paper copy of the report may be obtained by writing the Vanderbilt University Police Department, 2800 Vanderbilt Place, Nashville, Tennessee 37212 or by calling (615) 343-9750. For more information, see “Vanderbilt University Police Department” in the following section of this catalog.

A copy of the annual Equity in Athletics Disclosure Act Report on the Vanderbilt University athletic program participation rates and financial support data may be obtained by writing the Vanderbilt University Office of Athletic Compliance, 2601 Jess Neely Drive, P.O. Box 120158, Nashville, Tennessee 37212 or by calling (615) 322-7992.

Information about your rights with respect to the privacy of your educational records under the Family Educational Rights and Privacy Act is available from the Office of the University Registrar on the Vanderbilt University website at www.registrar.vanderbilt.edu/academicrec/privacy.htm. Paper copies of this information about educational records may be obtained by writing the Office of the University Registrar, Vanderbilt University, PMB 407701, 2301 Vanderbilt Place, Nashville, Tennessee 37240-7701 or by calling (615) 322-7701. For more information, see “Confidentiality of Student Records” in the following section of this catalog.

Services to Students

Confidentiality of Student Records (Buckley Amendment)

Vanderbilt University is subject to the provisions of federal law known as the Family Educational Rights and Privacy Act (also referred to as the Buckley Amendment or FERPA). This act affords matriculated students certain rights with respect to their educational records. These rights include:

The right to inspect and review their education records within 45 days of the day the university receives a request for access. Students should submit to the University Registrar written requests that identify the record(s) they wish to inspect. The University Registrar will make arrangements for access and notify the student of the time and place where the records may be inspected. If the University Registrar does not maintain the records, the student will be directed to the university official to whom the request should be addressed.

The right to request the amendment of any part of their education records that a student believes is inaccurate or misleading. Students who wish to request an amendment to their educational record should write the university official responsible for the record, clearly identify the part of the record they want changed, and specify why it is inaccurate or misleading. If the university decides not to amend the record as requested by the student, the student will be notified of the decision and advised of his or her right to a hearing.

The right to consent to disclosures of personally identifiable information contained in the student's education records to third parties, except in situations that FERPA allows disclosure without the student's consent. These exceptions include:

- Disclosure to school officials with legitimate educational interests. A “school official” is a person employed by the university in an administrative, supervisory, academic, research, or support staff position (including university law enforcement personnel and health staff); contractors, consultants, and other outside service providers with whom the university has contracted; a member of the Board of Trust; or a student serving on an official university committee, such as the Honor Council,

Student Conduct Council, or a grievance committee, or assisting another school official in performing his or her tasks. A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility.

- To parents if the student is a dependent for tax purposes.
- To appropriate individuals (e.g., parents/guardians, spouses, housing staff, health care personnel, police, etc.) where disclosure is in connection with a health or safety emergency and knowledge of such information is necessary to protect the health or safety of the student or other individuals.
- Information to a parent or legal guardian of a student regarding the student's violation of any federal, state, or local law, or of any rule or policy of the institution, governing the use or possession of alcohol or a controlled substance if the university has determined that the student has committed a disciplinary violation with respect to the use or possession and the student is under the age of twenty-one at the time of the disclosure to the parent/guardian.

The Buckley Amendment provides the university the ability to designate certain student information as “directory information.” Directory information may be made available to any person without the student's consent unless the student gives notice as provided for below. Vanderbilt has designated the following as directory information: the student's name, addresses, telephone number, email address, student ID photos, date and place of birth, major field of study, school, classification, participation in officially recognized activities and sports, weights and heights of members of athletic teams, dates of attendance, degrees and awards received, the most recent previous educational agency or institution attended by the student, and other similar information. Any new entering or currently enrolled student who does not wish disclosure of directory information should notify the University Registrar in writing. No element of directory information as defined above is released for students who request nondisclosure except in situations allowed by law. The request to withhold directory information will remain in effect as long as the student continues to be enrolled, or until the student files a written request with the University Registrar to discontinue the withholding. To continue nondisclosure of directory information after a student ceases to be enrolled, a written request for continuance must be filed with the University Registrar during the student's last term of attendance.

If a student believes the university has failed to comply with the Buckley Amendment, he or she may file a complaint using the Student Complaint and Grievance Procedure as outlined in the *Student Handbook*. If dissatisfied with the outcome of this procedure, a student may file a written complaint with the Family Policy Compliance Office, U.S. Department of Education, 400 Maryland Avenue SW, Washington, D.C. 20202-8520; (800) 872-5327.

Questions about the application of the provisions of the Family Educational Rights and Privacy Act should be directed to the University Registrar or to the Office of the General Counsel.

Vanderbilt Directory Listings

Individual listings in the online People Finder Directory consist of the student's full name, school, academic classification, local phone number, local address, box number, permanent address, and email address. Student listings in the People Finder Directory are available to the Vanderbilt community via logon ID and e-password. Students have the option of making their People Finder listings available to the general public (viewable by anyone with access to the Internet), of

adding additional contact information such as cellular phone, pager, and fax numbers, and of blocking individual directory items. Students who have placed a directory hold with the University Registrar will not be listed in the online directory. Directory information should be kept current. Students may report address changes, emergency contact information, and missing person contact information via the Web by selecting the address change icon at <https://webapp.mis.vanderbilt.edu/student-search>.

Psychological and Counseling Center

The Psychological and Counseling Center is a broad-based service center available to full-time students, faculty, staff, and their partners and dependents. Services include: (1) family, couples, individual, and group counseling and psychotherapy; (2) psychological and educational assessment; (3) vocational assessment and counseling; (4) programs such as assertiveness training; marital communication; individual reading and study skills/test-taking techniques; body image, stress, and time management; group support programs for acquiring skills such as relaxation; (5) administration of national testing programs; (6) outreach and consultation; (7) special programming related to diversity issues; (8) campus speakers and educational programs. Some full-time students at Vanderbilt come to the university with ongoing psychiatric medication management needs or find they would benefit from evaluation for these medications. For these appointments please call (615) 322-3414.

Eligible persons may make appointments by visiting the Psychological and Counseling Center or by calling (615) 322-2571. Services are confidential to the extent permitted by law. For more information, see the website, www.vanderbilt.edu/pcc. The site also contains self-reflection questions and information resources for counseling services.

Career Center

The Vanderbilt Career Center (VCC) serves graduate students enrolled full time in master's or Ph.D. programs interested in pursuing opportunities in industry, government, and/or nonprofits. Students pursuing academic employment should contact their faculty advisers or the departments in which they are currently enrolled for career advising and job search assistance. Graduate students who are undecided about their career goals are encouraged to contact the Vanderbilt Psychological and Counseling Center (VPCC) for career assessment and counseling and then be referred to the VCC for appropriate follow-up. For detailed information about the VCC, go to www.vanderbilt.edu/career.

Additionally, the VCC partners with the Peabody Career Center, Owen Career Management Center, and Owen Special Programs to support students enrolled in a professional master's program in Peabody College or in the MS Finance program in the Owen Graduate School of Management who are pursuing their first full-time professional opportunity. Services to these students include access to the VCC job and internship database, industry career days, networking events, and campus recruiting.

Student Health Center

The Vanderbilt Student Health Center (SHC) in the Zerfoss Building is a student-oriented facility that provides routine and acute medical care similar to services rendered in a private physician's office or HMO.

The following primary care health services are provided to students registered in degree-seeking status: visits to staff physicians and nurse practitioners; routine procedures; educational information and speakers for campus groups; and specialty clinics held at the SHC. Most visits are free of charge, but there are small co-pays for some procedures, and for medications or supplies purchased at the Student Health Center.

These SHC primary care services are designed to complement the student's own insurance policy, HMO, MCO, etc., coverage to provide comprehensive care. Students are billed for any services provided outside the SHC or by the Vanderbilt University Medical Center.

The entire medical staff is composed of physicians and nurse practitioners who have chosen student health as a primary interest and responsibility.

The Zerfoss Student Health Center is open from 8:00 a.m. to 4:30 p.m., Monday through Friday, and 8:30 a.m. until noon on Saturday (except during scheduled breaks and summer). Students should call ahead to schedule appointments, (615) 322-2427. A student with an urgent problem will be given an appointment that same day, or "worked in" if no appointment is available. When the Student Health Center is closed, students needing acute medical care may go to the Emergency Department of Vanderbilt University Hospital. They will be charged by the VU Medical Center for Emergency Department services.

Students may also call (615) 322-2427 for twenty-four-hour emergency phone consultation, which is available seven days a week (except during summer and scheduled academic breaks). On-call Student Health professionals take calls after regular hours. Calls between 11:00 p.m. and 7:00 a.m. are handled by the Vanderbilt University Emergency Department triage staff. More information is available on the Web (www.vanderbilt.edu/student_health).

Immunization Requirements

The State of Tennessee requires certain immunizations for all students (undergraduate, graduate, and professional) on university campuses. As such, Vanderbilt University will block student registration for those who are not in compliance with the requirements. In order to accommodate students who have difficulty acquiring their records or needed vaccinations, incoming students not in compliance with the state laws will be enrolled for their first semester, but if they fail to comply within two months of enrollment, registration for the second semester will not be permitted.

The requirements include:

1. *Meningococcal meningitis vaccine (one injection)* for all incoming students living in on-campus housing. The law does allow a student to sign a waiver stating that he/she does not wish to receive this vaccination (see below).
2. *Hepatitis B vaccine series (three injections)* for all incoming students, regardless of housing status. The law does allow a student to sign a waiver stating that he/she does not wish to receive this vaccination (see below).
3. *Measles, mumps, and rubella (two injections)* for all incoming students. Any waivers for this vaccine are very strict, and include only certain religious or medical exemptions that must be approved by the medical director of the Student Health Center.

The Student Health Center requires all incoming students to complete a Health Questionnaire that includes further

information regarding the state-mandated vaccinations, as well as information on other strongly recommended vaccinations. Information regarding this Health Questionnaire is communicated to students by email after admission to Vanderbilt University. This Health Questionnaire must be returned to the Student Health Center with vaccination or waiver information. Waivers for hepatitis B and the meningococcal vaccine are also included with the Health Questionnaire, should a student decide to forgo these vaccinations. However, waiver of the MMR (measles, mumps, rubella) vaccine requires special documentation of religious or medical exemption, so students seeking that waiver should contact the medical director of the Student Health Center at (615) 322-2254.

Students should go to www.vanderbilt.edu/student_health/link/immunization-requirements in order to access more information regarding the immunization requirements. This site also contains links to the PDFs of the required forms and has information regarding an online entry form that is available for the state-mandated vaccinations.

All vaccines can be administered at either a private provider office or at the Student Health Center.

Student Injury and Sickness Insurance Plan

All students registered in degree programs for 4 or more credit hours, or who are actively enrolled in research courses (including but not limited to dissertation or thesis courses) that are designated by Vanderbilt University as full-time enrollment are required to have health insurance coverage. The university offers a sickness and injury insurance plan that is designed to provide hospital, surgical, and major medical benefits. A brochure explaining the limits, exclusions, and benefits of insurance coverage is available to students online at www.gallagherkoster.com, in the Office of Student Accounts, or at the Student Health Center.

The annual premium is in addition to tuition and is automatically billed to the student's account. Coverage extends from August 12 until August 11 of the following year, whether a student remains in school or is away from the university.

A student who does not want to subscribe to the insurance plan offered through the university must complete an online selection/waiver process through the Office of Student Accounts (www.vanderbilt.edu/stuacct) or via the insurance company (www.gallagherkoster.com). This process must be completed by August 1 for students enrolling in the fall for annual coverage. Newly enrolled students for the spring term must complete the online waiver process by January 5. The online selection/waiver process indicating comparable coverage **must be completed every year** in order to waive participation in the Student Injury and Sickness Insurance Plan.

Family Coverage: Students who want to obtain coverage for their families (spouse, children, or domestic partner) may secure application forms by contacting the on-campus student insurance representative, (615) 343-4688. Dependents can also be enrolled online at www.gallagherkoster.com using a credit card. Additional premiums are charged for family health insurance coverage.

International Student Coverage

International students and their dependents residing in the United States are encouraged to purchase the university's international student injury and sickness insurance. If you have other comparable insurance and do not wish to

participate in the Student Injury and Sickness Insurance Plan offered through the university, you must complete an online waiver form (www.gallagherkoster.com) indicating your other insurance information. This online waiver form must be completed no later than September 7 or you will remain enrolled in the plan offered by the university and will be responsible for paying the insurance premium. Health insurance is required for part-time as well as full-time students. Information and application forms are provided through the Student Health Center.

Vanderbilt Child and Family Center

The Vanderbilt Child and Family Center supports the health and productivity of the Vanderbilt community by providing resource and referral services, quality child care, and early childhood education to the children of faculty, staff, and students. The center's website at childandfamilycenter.vanderbilt.edu provides information on resources for child care, adult care, summer programs (both day camps and overnight camps), tutoring services (including test preparation and skill building), and before and after care. The Vanderbilt Sitter Service connects members of the Vanderbilt community who wish to provide sitting services with those who need the services.

The Child Care Center serves children from six weeks to five years of age and offers placement through a waiting list. Applications may be downloaded from the website.

Services for Students with Disabilities

Vanderbilt is committed to the provisions of the Rehabilitation Act of 1973 and Americans with Disabilities Act as it strives to be an inclusive community for students with disabilities. Students seeking accommodations for any type of disability are encouraged to contact the Equal Opportunity, Affirmative Action, and Disability Services Department. Services include, but are not limited to, extended time for testing, assistance with locating sign language interpreters, audiotaped textbooks, physical adaptations, notetakers, and reading services. Accommodations are tailored to meet the needs of each student with a documented disability. The Equal Opportunity, Affirmative Action, and Disability Services Department also investigates alleged violations of Vanderbilt's nondiscrimination and anti-harassment policies. Specific concerns pertaining to services for people with disabilities or any disability issue should be directed to the Disability Program Director, Equal Opportunity, Affirmative Action, and Disability Services Department (EAD), PMB 401809, 2301 Vanderbilt Place, Nashville, Tennessee 37240-1809; phone (615) 322-4705 (V/TDD); fax (615) 343-0671; www.vanderbilt.edu/ead.

Vanderbilt University Police Department

The Vanderbilt University Police Department, (615) 322-2745, is a professional law enforcement agency dedicated to the protection and security of Vanderbilt University and its diverse community.

The Vanderbilt University Police Department comes under the charge of the Office of the Vice Chancellor for Administration. As one of Tennessee's larger law enforcement agencies, the Vanderbilt University Police Department provides comprehensive law enforcement and security services to all components of Vanderbilt University including the academic campus, Vanderbilt University Medical Center, and a variety of university-owned facilities throughout the Davidson County area. Non-commissioned and commissioned officers

staff the department. Commissioned officers are empowered to make arrests as “Special Police Officers,” through the authority of the Chief of Police of the Metropolitan Government of Nashville and Davidson County. Vanderbilt officers with Special Police Commissions have the same authority as that of a municipal law enforcement officer while on property owned by Vanderbilt, on adjacent public streets and sidewalks, and in nearby neighborhoods.

The Vanderbilt University Police Department includes a staff of more than one hundred people. All of Vanderbilt’s commissioned officers have completed officer training at a state-certified police academy. Those officers hold Special Police Commissions and are required to attend annual in-service, as well as on-the-job training. VUPD has twenty-five community service officers who lend assistance 24/7 to the Vanderbilt community through services that include providing walking escorts, providing jump starts, and unlocking cars. For non-emergency assistance from a community service officer, dial (615) 322-2745 (2-2745 from an on-campus extension).

The Vanderbilt University Police Department provides several services and programs to members of the Vanderbilt community:

Vandy Vans—The Vanderbilt University Police Department administers the Vandy Vans escort system at Vanderbilt University. The Vandy Vans escort system provides vehicular escorts to designated locations on campus. The service consists of vans that operate from 5:00 p.m. to 5:00 a.m. GPS technology allows students to see how full the vans are, to track VandyVans on their route via computer or mobile phone, and to set up text message alerts to let them know when a van will be arriving at their stop.

Stop locations were chosen based on location, the accessibility of a secure waiting area, and student input. Signs, freestanding or located on existing structures, identify each stop. A walking escort can be requested to walk a student from his/her stop to the final destination. A van is also accessible to students with mobility impairments. Additional information about Vandy Vans and specific stop locations can be found at police.vanderbilt.edu/vandy_vans or by calling (615) 322-2558.

As a supplement to the Vandy Vans van service, walking escorts are available for students walking to and from any location on campus during nighttime hours. Walking escorts are provided by VUPD officers. The telephone number to call for a walking escort is 421-8888 (off campus) or 1-8888 (on campus).

Emergency Phones—Emergency telephones (Blue Light Phones) are located throughout the university campus and medical center.

Each phone has an emergency button that when pressed automatically dials the VUPD Communications Center. An open line on any emergency phone will activate a priority response from an officer. An officer will be sent to check on the user of the phone, even if nothing is communicated to the dispatcher. Cooperation is essential to help us maintain the integrity of the emergency phone system. These phones should be used only for actual or perceived emergency situations.

An emergency response can also be received by dialing 911 from any campus phone. Cell phone users can use (615) 421-1911 to elicit an emergency response on campus. Cell phone users should dial 911 for off-campus emergencies. All callers should be prepared to state their location.

Crime Alerts—Crime Alerts are distributed throughout Vanderbilt to make community members aware of significant unsolved crimes that occur at the university. They are distributed by mail, through Vanderbilt email lists, and through the department’s webpage, police.vanderbilt.edu.

Educational and Assistance Programs—The Community Relations Division of Vanderbilt University Police Department offers programs addressing issues such as sexual assault, domestic violence, workplace violence, personal safety, RAD (Rape Aggression Defense) classes, and victim assistance.

VUPD provides additional services including property registration (for bikes, laptops, etc.), lost and found, weapons safekeeping, and Submit a Crime Tip. For further information on available programs and services, call (615) 322-2558 or visit police.vanderbilt.edu.

Additional information on security measures and crime statistics for Vanderbilt is available from the Vanderbilt University Police Department, 2800 Vanderbilt Place, Nashville, Tennessee 37212. Information is also available at police.vanderbilt.edu.

Campus Security Report

In compliance with the Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act and the Tennessee College and University Security Information Act, Vanderbilt University will provide you, upon request, an annual security report on university-wide security and safety, including related policies, procedures, and crime statistics. A copy of this report may be obtained by writing or calling the Vanderbilt University Police Department, 2800 Vanderbilt Place, Nashville, Tennessee 37212 or by telephone at (615) 343-9750. You may also obtain this report on the website at police.vanderbilt.edu/annual-security-report.

Parking, Vehicle Registration, and Alternative Transportation

Parking space on campus is limited. Motor vehicles operated on campus at any time by students, faculty, or staff must be registered with the Office of Traffic and Parking located in the Wesley Place garage. A fee is charged. Parking regulations are published annually and are strictly enforced. More information is available at www.vanderbilt.edu/traffic_parking.

Bicycles must be registered with the Vanderbilt University Police Department.

All Graduate School students can ride to and from the Vanderbilt campus free of charge on Nashville’s Metropolitan Transit Authority buses. To utilize this service, a valid student ID card is required for boarding the bus.

Graduate Development Network

The Graduate Development Network (GDN) is an informal network of faculty, administrators, and students at Vanderbilt University that seeks to facilitate the awareness and use of the many programs that can help students become productive and well-rounded scholars. The network’s website (www.vanderbilt.edu/gradschool/gdn) provides links to various offices and groups at Vanderbilt that support graduate student development. These offices and organizations also jointly sponsor a number of seminars, workshops, and similar events that support student development.

Bishop Joseph Johnson Black Cultural Center

The Bishop Joseph Johnson Black Cultural Center (BJJBCC) represents one of Vanderbilt University’s numerous efforts at acknowledging and promoting diversity. It does so by providing educational and cultural programming on the black experience for the entire Vanderbilt community. Dedicated in 1984, the center is named for the first African American

student admitted to Vanderbilt University in 1953, Bishop Joseph Johnson (B.D. '54, Ph.D. '58).

One of the center's aims is to provide cultural programming. It sponsors lectures, musical performances, art exhibitions, films, and discussions on African and African American history and culture. The center also provides an office space for a scholarly journal, the *Afro-Hispanic Review*, edited by Vanderbilt faculty and graduate students.

Another of the center's aims is student support and development. The center provides meeting spaces for numerous Vanderbilt student groups, including the Black Student Alliance, Every Nation Campus Ministries, and Vanderbilt Spoken Word. The center works with students on a wide range of campus projects and community service opportunities. The center also serves as an informal haven for students, with plenty of opportunities for fellowship and food.

One additional aim of the center is community outreach and service. To this end, the center reaches out to civic and cultural groups. The BJJBC facilitates tutoring and mentoring activities for young people from the Metro Nashville Public Schools, the YMCA, and other community agencies. VU students serve as tutors and mentors to young people in the Edgehill community. The center also helps promote student recruitment by hosting various pre-college groups.

The center houses a computer lab, a small library, a seminar room, an auditorium, a student lounge area, and staff offices. The center is open to all Vanderbilt students, faculty, and staff for programs and gatherings.

International Student and Scholar Services

International Student and Scholar Services (ISSS), located in the Student Life Center, fosters the education and development of nonimmigrant students and scholars to enable them to achieve their academic and professional goals and objectives. ISSS provides advice, counseling, and advocacy regarding immigration, cross-cultural, and personal matters. ISSS supports an environment conducive to international education and intercultural awareness via educational, social, and cross-cultural programs.

ISSS provides immigration advising and services, including the processing of immigration paperwork, to more than 1,500 international students and scholars. The office works with admission units, schools, and departments to generate documentation needed to bring nonimmigrant students and scholars to the U.S. Further, ISSS keeps abreast of the regulations pertaining to international students and scholars in accordance with the Department of Homeland Security (Bureau of Citizenship and Immigration Services) and the Department of State. ISSS coordinates biannual orientation programs for students and ongoing orientations for scholars, who arrive throughout the year.

To help promote connection between international students and the greater Nashville community, ISSS coordinates the First Friends program, which matches international students with Americans both on and off campus for friendship and cross-cultural exchange. The weekly World on Wednesday presentations inform, broaden perspectives, and facilitate cross-cultural understanding through discussions led by students, faculty, and staff. International Education Week in the fall provides the campus with additional opportunities to learn about world cultures and to celebrate diversity. International Lens film series brings more than fifty international films to campus each year. ISSS provides a range of programs

and activities throughout the year to address a variety of international student needs and interests. These programs include Vanderbilt International Volunteers and a selection of holiday parties. Additionally, ISSS staff have been instrumental in developing and implementing the Tennessee Conference for International Leadership which brings together international and study abroad students from across the state for workshops and activities.

Margaret Cunyngim Women's Center

As part of the Office of the Dean of Students, the Margaret Cunyngim Women's Center welcomes all members of the Vanderbilt community to take part in our events and resources related to women's and gender topics. Our Gender Matters program offers co-curricular programming aimed to increase awareness of the influence that gender has in our lives; in addition, Gender Matters provides individual support and advocacy around a variety of issues, including gender stereotyping, gender equity, body image, eating disorders, pregnancy and reproduction, sexual health, and more. Project Safe is a support and resource referral hub for those affected by power-based personal violence (sexual assault, partner violence, stalking, and bias-related violence). Through the Green Dot violence prevention campaign, we also coordinate a campus-wide effort to involve all members of the Vanderbilt community in creating a safer campus. In addition, the Women's Center houses resources related to gender issues and produces *Women's VU*, a magazine that foregrounds women at Vanderbilt and highlights contributions made for and by women and their allies. The Women's Center is open Monday through Friday, 8 a.m. to 5 p.m. and is located at 316 West Side Row. For more information, please call (615) 322-4843.

Office of LGBTQI Life

As a component of Vanderbilt's Office of the Dean of Students, the Office of Lesbian, Gay, Bisexual, Transgender, Queer, and Intersex (LGBTQI) Life is a welcoming space for individuals of all identities and a resource for information and support about gender and sexuality. LGBTQI Life serves the entire Vanderbilt community through education, research, programming, support, and social events. Visitors are invited to use our ever-expanding resource library for research around LGBTQI issues and culture. In addition, LGBTQI Life conducts tailored trainings and consultations for the campus and community. In all cases the office staff provides confidentiality. The Office of LGBTQI Life is located in the K. C. Potter Center, Euclid House, 312 West Side Row. For more information, please call (615) 322-3330.

Schulman Center for Jewish Life

The 10,000-square-foot Ben Schulman Center for Jewish Life is the home of Vanderbilt Hillel. The goal of the center is to provide a welcoming community for Jewish students at Vanderbilt and to further religious learning, cultural awareness, and social engagement. Vanderbilt Hillel is committed to enriching lives and enhancing Jewish identity. It provides a home away from home, where Jews of all denominations come together, united by a shared purpose. The Schulman Center is also home to Grin's Cafe, Nashville's only kosher and vegetarian restaurant. For further information about the Schulman Center, please call (615) 322-8376 or email hillel@vanderbilt.edu.

Religious Life

The Office of Religious Life provides opportunities for students, faculty, and staff to explore religion, faith, spirituality, personal values, and social responsibility via educational programming, religious and spiritual praxis, encounters with various faith perspectives, and engagement with religious and spiritual communities. The office serves “the religious” and those who identify as “nonreligious.” Religious Life is an intellectual home and ethical resource for anyone in the Vanderbilt community seeking to clarify, explore, and deepen understanding of their lives.

Recognizing the importance of exploring one’s faith in community, the Office of Religious Life facilitates opportunities for individuals of a shared faith to gather and engage in the rites, rituals, and practices of their particular religious tradition. Whether guided by one of our affiliated chaplains or a student-run religious organization, these groups foster a sense of community and common values. For a complete listing of campus religious groups, resources, services, and programming opportunities, visit www.vanderbilt.edu/religiouslife.

Extracurricular Activities

Sarratt Student Center

The Sarratt Student Center (www.vanderbilt.edu/sarratt), named for former mathematics professor and dean of students Madison Sarratt, provides a variety of facilities, programs, and activities. The center houses a cinema, an art gallery, art studios and darkrooms for classes and individual projects, work and office spaces for student organizations, comfortable reading and study lounges fully wired for Internet access, large and small meeting rooms, and large, open commons and courtyard areas for receptions or informal gathering. The center also houses The Pub at Overcup Oak restaurant and Last Drop Coffee Shop, and leads directly to Rand Dining Center, the Varsity Market, and the Vanderbilt Bookstore. The Vanderbilt Programming Board plans concerts, film screenings, classes, speakers, receptions, gallery showings, and many other events throughout the campus. The center’s Info Desk serves as a campus information center and is a Ticketmaster™ outlet, handling ticket sales for most of the university’s and Nashville’s cultural events. Sarratt Student Center is home to the Office of the Dean of Students, Greek Life, the Commodore Card Office, and Vanderbilt Student Communications (including student newspaper, radio station, and yearbook).

Student Life Center

The Vanderbilt Student Life Center (www.vanderbilt.edu/studentlifecenter) is the university’s community keystone. It is both the fulfillment of students’ vision to have a large social space on campus and a wonderful complement to Sarratt Student Center.

The Student Life Center has more than 18,000 square feet of event and meeting-room space. The 9,000-square-foot Commodore Ballroom is one of the most popular spaces to have events on campus.

The center is also home to Starbucks, the Career Center, International Student and Scholar Services, Health Professions Advisory Office, Office of Honor Scholarships, Office of International Services, and Global Education Office.

Recreation and Sports

Graduate and professional students are encouraged to participate in the many physical activity classes, intramurals, and sport clubs offered by the university. All students pay a mandatory recreation fee which supports facilities, fields, and programs (see the chapter on Financial Information). Spouses must also pay a fee to use the facilities.

Physical activity classes offered include racquetball, fly fishing, and lifeguarding/CPR/first aid, along with rock climbing and kayaking. Forty sport clubs provide opportunity for participation in such favorites as sailing, fencing, rugby, and various martial arts.

The university recreation facilities include gymnasiums, tracks, and four softball diamonds. The four lighted multi-purpose playing fields are irrigated and maintained to assure prime field conditions.

The Student Recreation Center houses a 36 meter x 25 yard swimming pool; three courts for basketball, volleyball, and badminton; six racquetball and two squash courts; a weight and fitness room; a wood-floor activity room; a rock-climbing wall; an indoor track; a mat room; locker rooms; and a Wellness Center. Lighted outside basketball and sand volleyball courts and an outdoor recreation facility complement the center.

For additional information, please see www.vanderbilt.edu/campusrecreation.



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School of Nursing

COLLEEN CONWAY-WELCH, Ph.D., C.N.M., F.A.A.N., F.A.C.N.M., Dean
 LINDA NORMAN, D.S.N., R.N., F.A.A.N., Senior Associate Dean for
 Academics; Co-Director of Ph.D. in Nursing Science Program
 BONITA PILON, D.S.N., R.N., F.A.A.N., Senior Associate Dean for Clinical
 and Community Partnerships
 ANN MINNICK, Ph.D., R.N., F.A.A.N., Senior Associate Dean for Research;
 Co-Director of Ph.D. in Nursing Science Program
 ELIZABETH WEINER, Ph.D., R.N., F.A.A.N., Senior Associate Dean for
 Informatics
 REBECCA RUE KECK, M.S.N., R.N., N.E.A.-B.C., Senior Associate
 Dean for Administration and Operations, Chief Administrative Officer
 CLARE J. THOMSON-SMITH, M.S.N., J.D., F.A.A.N.P., Assistant Dean
 for the Center for Advanced Practice Nursing and Allied Health,
 Vanderbilt University Medical Center
 MARILYN DUBREE, M.S.N., R.N., Assistant Dean for Clinical Practice
 JANA L. LAUDERDALE, Ph.D., R.N., Assistant Dean for Cultural Diversity
 TERRI CRUTCHER, M.S.N., R.N., Assistant Dean for Clinical and
 Community Partnerships
 PATRICIA PEERMAN, M.S., R.N.C., Assistant Dean for Enrollment
 Management
 SARAH RAMSEY, M.Ed., Assistant Dean for Student Affairs
 GERALD MURLEY, M.Ed., Director of Instructional Technology
 CRAIG CARMICHAEL, M.B.A., C.P.A., Vice President, Academic and
 Research Enterprise
 LOGAN W. KEY, M.Ed., Registrar
 KRISTIE SMITH, M.Ed., Director of Student Financial Services

Center for Research Development and Scholarship

ANN MINNICK, Ph.D., R.N., F.A.A.N., Director
 NANCY WELLS, D.N.Sc., R.N., Assistant Director; Director of Nursing
 Research at the Vanderbilt University Medical Center

Faculty Senate VUSN Senators

Terri Donaldson, Anne Moore, Mavis Schorn

VUSN Executive Committee

Colleen Conway-Welch, Chair. Susie Adams, Carolyn Bess, Amy Bull,
 Tom Christenbery, Janie Daddario, Karen D'Apolito, Terri Donaldson,
 Leslie Hopkins, Rebecca Keck, Joan King, Jana Lauderdale, Donna
 McArthur, Ann Minnick, Lorraine Mion, Anne Moore, Bonita Pilon,
 Linda Norman, Paddy Peerman, Cole Powers, Sarah Ramsey, Mavis
 Schorn, Judy Sweeney, Clare Thomson-Smith, Patricia Trangenstein,
 Rick Watters, Elizabeth Weiner, Terry Witherington.
 Ex officio: Debianna Peterman, Kathy Rivers, Susan Shipley

Standing Committees

Charges of committees are summarized. For more detailed descriptions of
 committee charges, see School of Nursing Bylaws, Article V. Committee
 members serve until September of 2011. Ex officio members for 2011/2012
 who are known at this time are listed below. Committee members, however,
 will not be chosen until September, after the printing of this catalog.

Curriculum Executive Committee

The Curriculum Committees are responsible for reviewing and evaluating the
 curriculum for each of their respective degree programs. The Curriculum Ex-
 ecutive Committee comprises the chairs of degree program subcommittees.

M.S.N. Program Curriculum Subcommittee, Richard Watters, Chair.
 D.N.P. Program Curriculum Subcommittee, Linda Beuscher, Chair.
 Ph.D. Program Curriculum Subcommittee, Michael Vollman, Chair.

Nominating Committee

The Nominating Committee is responsible for preparing a slate of consent-
 ing candidates for chair-elect, secretary, parliamentarian, senator, vacant
 positions on the Faculty Council, and elected committees.

Thomas Christenbery, Chair.

Non-Tenure Appointment/Promotion Committee

This committee is responsible for receiving and reviewing dossiers of per-
 sons to be promoted to assistant, associate, and full professor of the prac-
 tice and makes recommendations to the dean.

Anne Moore, Chair.

Nursing Student Conduct Council

The Nursing Student Conduct Council addresses issues or concerns of
 serious misconduct of a non-academic nature on the part of VUSN stu-
 dents and imposes appropriate sanctions.

Cole Powers, Chair. Ex officio: Sarah Ramsey.

School Life Committee

The School Life Committee addresses concerns and issues that affect
 the quality of school life of faculty, students, and staff; promotes formal
 and informal programs to enhance the quality of school life; and assists in
 orientation of international members.

Cole Powers, Chair. Ex officio: Rebecca Keck, Patricia A. Peerman,
 Sarah Ramsey.

Student Admissions and Academic Affairs Executive Committee

The Student Admissions and Academic Affairs Executive Committee is re-
 sponsible for reviewing and acting upon applications for admission to the
 School of Nursing; selecting traineeship, honor scholarship, and other ap-
 propriate scholarship recipients; reviewing student progress and consider-
 ing and acting on student petitions for waiver of policy; and recommend-
 ing to the Faculty Assembly conferral of degrees designating appropriate
 honors.

Amy Bull, Chair. Ex officio: Linda Norman, Patricia Peerman.

Appointment/Promotion Tenure Committee

The Tenure Committee is responsible for receiving and reviewing dossiers
 of persons to be promoted to associate professor or to be appointed to a
 rank holding tenure and making recommendations to the dean.

Lorraine Mion, Chair. Peter Buerhaus, Colleen Conway-Welch, Lynda L.
 LaMontagne, Larry E. Lancaster, Melanie Lutenbacher, Ann Minnick,
 Kenneth Wallston, Elizabeth Weiner.

School of Nursing Faculty Practice Network

VANDERBILT School of Nursing has engaged in organized faculty practice for more than twenty years. The Vine Hill Community Clinic, established in 1991, served as the cornerstone of the independent, nurse-managed practices. In 2007, Vine Hill and three satellite sites were designated as a Federally qualified Health Center Cluster. Now legally separate from the university, these sites continue as nurse-managed centers staffed by Vanderbilt School of Nursing advanced practice nurse faculty. Clinic operations are comprehensive, functioning similarly—with regard to clinical services, infrastructure, and accountability—to physician practices at Vanderbilt Medical Center. TennCare managed care organizations (MCOs) currently assign their enrollees to the clinic where F.N.P.'s, A.N.P.'s, G.N.P.'s, and C.N.M.s function as primary care providers (PCPs). In addition, the MCOs for TennCare contract for services with clinic P.M.H.N.P.'s and M.H.N.P.'s. In calendar year 2010, VUSN faculty providers cared for 20,000 unique patients across Tennessee and Kentucky.

The central (and largest) nurse managed care clinic in the Vanderbilt Nurse Faculty Practice Network, Vine Hill Community Clinic, was established in Vine Hill Towers (one of the seven Housing and Urban Development public housing project high rises) with a grant from the W. K. Kellogg Foundation. Residents and surrounding neighborhoods in this medically under-served area have used the clinic to access primary health care, as well as mental health services and prenatal care. The location of the clinic in the community has decreased transportation barriers to care for residents and given them readily available, open access to their primary care providers, produced a rich training site for nurse practitioner graduate students, and served as the centerpiece for community health nursing student fieldwork during the pre-specialty year (B.S.N. equivalent curriculum).

Vanderbilt School of Nursing has a history of providing preventive and primary care, health education, health

promotion, and chronic care management to elementary school students and their families at three sites. The initial clinic at Fall Hamilton Elementary was set up in 1995/96. The second clinic at Stratton Elementary was established in 1997, and the third clinic at Park Avenue Elementary opened in 2001. These schools serve neighborhoods with high rates of poverty as evidenced by the number of students qualifying for free and reduced lunch, averaging 90 percent of a total of 1,600 students. School health programs offer a practical and efficient way to positively affect the health of children and families. Schools are the center of the social structure for the student and a significant source of interaction for parents. Through contact with one child, the school health provider is positioned to influence the health behaviors of the entire family.

The Vanderbilt Midwifery Practice provides women's health and prenatal services for patients at the West End Women's Health Center and at the Franklin Road Women's Health Center. They have delivery privileges at V.U. Medical Center, where they deliver approximately 1,000 babies each year. The faculty midwifery practice is a critical component of the academic program at Vanderbilt, insuring clinical placements during three of four semesters and student access to culturally and economically diverse populations.

The most-recent additions to the network of nurse-managed centers are primary-care centers within the workplace. VUSN currently operates ten such centers, each staffed with at least one F.N.P. who provides primary health care and health promotion to the employees and their dependents. Four of the sites are light manufacturing plants, one serves all municipal employees in a single county, and one is part of an urban school system serving all school employees. The total number of employees/dependent populations managed across sites exceeds 25,000.

Nursing Education at Vanderbilt

VANDERBILT University School of Nursing has a national reputation for excellence in nursing education and attracts students from across the nation and from several foreign countries.

The School of Nursing was founded in 1909 as the Training School for Nurses of Vanderbilt University Hospital, with a three-year program leading to eligibility for nurse licensure. Under university administration since 1930, the nursing school became a part of Vanderbilt University Medical Center in 1985. This relationship allows greater opportunity for nursing faculty and students to interact with nursing staff, medical faculty, and medical students in the areas of teaching, research, and practice.

The School of Nursing and Vanderbilt University Medical Center Nursing Services have developed a collaborative, interactive model of nursing practice, education, and research, focusing on quality patient care delivery. This collaborative model accommodates a rapidly and continually changing practice environment. Elements of the model are designed to foster innovation and interdisciplinary activity in an environment that promotes health and job satisfaction.

Accreditation. The school is approved by the Tennessee Board of Nursing. Vanderbilt School of Nursing was a charter member of the Association of Collegiate Schools of Nursing, which later was incorporated into the National League for Nursing (NLN). The M.S.N. program is accredited by the National League for Nursing Accreditation Commission (NLNAC), 3343 Peachtree Road NW, Suite 500, Atlanta, GA 30325; (404) 975-5000. The Nurse-Midwifery Program is accredited by the Accreditation Commission for Midwifery Education (formerly ACNM Division of Accreditation). For information: 8403 Colesville Road, Suite 1550, Silver Spring, MD 20910-6374; phone: (240) 485-1800; fax: 240-485-1818; email: info@acnm.org; Web: www.midwife.org. The U.S. Department of Education is located at 400 Maryland Avenue, SW, Washington, DC 20202-0498; telephone (800) USA-LEARN (800-872-5327). The Southern Association of Colleges and Schools is located at 1866 Southern Lane, Decatur, GA 30333; telephone: (404) 679-4500; www.sacs.org

Philosophy of the School

The School of Nursing is committed to freedom of inquiry into the natural, social, and human orders of existence, and to stating the conclusions of that inquiry. The School of Nursing fosters excellence in both scholarship and service; a liberal education must concern the whole person. The curriculum requires both liberal arts and professional courses.

The central concepts of our profession are person, environment, health, and nursing. These four concepts interact and serve as the basis for the practice of nursing.

Each person is unique, with intrinsic worth and dignity. Human beings are whole persons, with interacting and interdependent physical structures, minds, and spirits.

The environment consists of all conditions, circumstances, and influences that exist outside one's social system's boundary. An intimate relationship exists between the constantly changing environment and the person. The environment in which we live determines, to a degree, lifestyle and state of health. Development of the individual occurs throughout life within a pluralistic and culturally diverse society.

Health is a dynamic state of being in which the developmental and behavioral potential of an individual is realized to the fullest extent possible. Individuals have the right to pursue that level of health perceived by them to be optimal, taking into account their social and cultural definition of health. The level of health that individuals can attain is directly influenced by the level of health of the families and communities of which they are a part.

Nursing is a professional discipline that seeks to understand phenomena and predict circumstances that affect the health of individuals, families, groups, and communities. The discipline of nursing encompasses science, ethics, politics, and the heritage of nursing. The central focus of the discipline is the diagnosis and treatment of individuals, families, and groups as they respond to actual or potential health problems. The practice of nursing is an art and a science, used to help individuals improve their health potential.

The profession of nursing builds on a liberal education, and a university provides the best possible environment for this kind of education. A liberal education includes fine arts and humanities as well as social, biological, and physical sciences. The synthesis of knowledge from these disciplines, as well as from nursing, will enhance the ability of nurses to understand self, relationships with others, the nature of communities, other cultures, the physical world, current issues, and human values.

The study of diverse disciplines contributes to the ability to think analytically, reason logically, and communicate effectively. Students are expected to continue growing in intellectual and communication skills, using their liberal education to deepen their understanding of nursing and health. University-wide interdisciplinary activities are actively sought for the intellectual exchange and stimulation they provide.

The purpose of graduate education in nursing is to prepare students for advanced practice roles including nurse midwife, nurse practitioner, clinical nurse specialist, clinical nurse leader, informatics nurse specialist, and nurse manager. At the master's level, graduate study provides the opportunity for in-depth theoretical knowledge which is the basis for advanced clinical practice. Students acquire research skills and a deeper knowledge of their nursing specialty.

Graduate education provides students the knowledge and skills for planning and initiating change in a health care system. For potential members of interdisciplinary health care management teams, the focus is on advanced patient care skills that will provide leadership and will influence nursing organizations within a variety of health care settings. It is acknowledged that preparation for the nurse educator role requires education beyond the master's degree.

The first-professional degree in nursing at Vanderbilt is specialty-related and offered on the graduate level. The increase in knowledge and scope of nursing responsibilities, as well as changes in roles, functions, and practice settings, require a post-baccalaureate nursing education that is built on a rich undergraduate liberal education base and a baccalaureate in nursing or its equivalent.

The nursing program leading to the M.S.N. at Vanderbilt constitutes an arena for excellence in nursing practice, as well as a forum for discussion and analysis of issues that affect health care, consumers, the nursing profession, and society.

The program is based on a variety of cognitive styles, life experiences, and professional backgrounds, and its flexibility allows all students to achieve the same goals through different options.

Code for Nurses

The school adheres to the American Nurses Association's Code for Nurses. The Code for Nurses is based on belief about the nature of individuals, nursing, health, and society. Recipients and providers of nursing services are viewed as individuals and groups who possess basic rights and responsibilities and whose values and circumstances command respect at all times. Nursing encompasses the promotion and restoration of health, the prevention of illness, and the alleviation of suffering. The statements of the code and their interpretation provide guidance for conduct and relationships in carrying out nursing responsibilities consistent with the ethical obligations of the profession and quality in nursing care. The nurse provides services with respect for human dignity and the uniqueness of the client, unrestricted by considerations of social or economic status, personal attributes, or the nature of health problems.

The Informatics Milieu

The Vanderbilt University School of Nursing (VUSN) is supported by a strong informatics team consisting of both faculty and staff. VUSN is known for technology and informatics solutions that set it apart from other schools of nursing. Innovations range from state-of-the-art Smart Phone use to the delivery of classes via the Web in a variety of formats. Products range from award-winning posters to online surveys and other state-of-the-art data collection instruments. Students participate in online testing and other electronic applications such as the clinical log.

Computers are used heavily by faculty and students in their learning activities. All classes are available via the campus

Blackboard system OAK (Online Access to Knowledge). Wireless access is available throughout the VUSN physical plant so that students can connect portable devices to the Vanderbilt network. Orientation activities include the configuration of the computers, iPads, and Smart Phones so that students can connect to VUSN and VUMC resources. Network connections are password protected and authenticated for use. As a result, students and faculty have full access to all university electronic resources, including the innovative Eskin Biomedical Library. The extensive digital library of electronic journals, books, databases, and other resources is particularly important for the distance-learning programs, which rely on a blended-learning approach requiring only a few face-to-face meetings of students and faculty each semester. Electronic delivery of lectures is video-streamed live and/or captured in digitized video format.

The skills lab facility includes both basic and advanced equipment and is considered to be a satellite facility for the larger Medical Center Simulated Lab Facility. In order to communicate with our off-site clinical preceptors, many of our faculty participate in video conferencing that includes the student, the preceptor, and a clinical faculty member.

The Frist Nursing Informatics Center (second floor, Frist Hall) was dedicated in 2005 and houses all the informatics faculty and staff. The informatics support team (eighteen positions) consists of administrators, programmers, networking specialists, graphic designers, videographers, and multimedia developers. A twenty-seven-unit microcomputer laboratory is provided, along with a ten-unit testing laboratory. Applications are supported via ten different file servers that are housed in a temperature controlled and networked server room. Besides providing the day-to-day support for VUSN faculty and students, the informatics specialty in nursing is also offered. All of these facets combine to make VUSN a progressive informatics experience for students, faculty, and staff.

Pre-Nursing Studies

FRESHMAN students interested in nursing at Vanderbilt apply for admission to either the College of Arts and Science or Peabody College and indicate that pre-nursing is their intended program of studies. In addition to their faculty advisers in the College of Arts and Science or Peabody College, pre-nursing students will be assigned advisers in the School of Nursing to assist them in planning their program of studies.

Qualified students may be admitted to the Master of Science in Nursing program after earning a baccalaureate degree at Vanderbilt or after completing the pre-nursing program of studies in either the College of Arts and Science or Peabody College. Students are encouraged to write or call the Office of Admissions, 229 Godchaux Hall, (615) 322-3800 for further details of the program or email VUSN-admissions@vanderbilt.edu.

Pre-Nursing Studies in the College of Arts and Science

Students may obtain both the baccalaureate degree and the M.S.N. degree by combining three and one-half years (105 credit hours) of study in the College of Arts and Science with six semesters of study in the School of Nursing. Students will receive the baccalaureate from the College at the end of the eighth semester under the senior-in-absentia program and the M.S.N. from the School of Nursing after completing an additional five consecutive semesters of study. This program of study requires that students complete the general curriculum requirements for the baccalaureate degree and satisfy the prerequisite courses for admission to the School of Nursing. The first three semesters in nursing are accelerated generalist nursing courses and serve as a “bridge” into the Master of Science in Nursing (M.S.N.) program by preparing students for the NCLEX exam to become a Registered Nurse (R.N.). These courses also provide the foundation equivalent to the bachelor’s degree in nursing for course work in the selected nursing specialty. Upon completion of three semesters of pre-specialty courses, students enter a minimum of an additional three-semester sequence of courses in their declared specialty in order to earn the M.S.N. degree.

Students must apply to the School of Nursing for admission to the senior-in-absentia program by December 1 of their junior year. Students are subject to all nursing school admission requirements, and no student is assured of admission to the School of Nursing. Up to 16 hours of School of Nursing courses approved by the College may be counted toward completion of the undergraduate degree. Upon acceptance to the School of Nursing, students will be assigned an adviser and should schedule an advising appointment.

Students interested in this program should consult Jana Lauderdale, pre-nursing adviser, at (615) 343-2228 or Paddy Peerman, assistant dean for enrollment management, at (615) 322-3802 for advice on planning undergraduate studies to meet the program’s requirements. Participation in the student organization, Pre-Nursing Society, is strongly recommended.

Pre-Nursing Studies at Peabody College

Pre-nursing students at Peabody College may either (a) complete a major in human and organizational development or child development and earn both a B.S. and an M.S.N. through a senior-in-absentia program or (b) complete degree requirements at Peabody and enter the School of Nursing after graduation from Peabody College. Students choosing either option must satisfy admission requirements for the M.S.N. program. Upon admission to the School of Nursing, the student is required to complete six semesters (two calendar years) of full-time study to earn the M.S.N.

Students interested in the senior-in-absentia program should refer to the section on Senior-in-Absentia in this catalog as well as to the Special Programs for Undergraduates section in the *Undergraduate Catalog*. Under this option, students complete their first three years of study at Peabody, apply for admission to the School of Nursing by December 1 of their junior year, and, upon admission, take generalist nursing courses their senior year. Upon successful completion of the fall and spring semester nursing course work, students are awarded the B.S. in human and organizational development or child development. They then continue for a minimum of four additional semesters (summer, fall, spring, and summer) to earn the master of science in nursing.

The B.S. degree is conferred by Peabody College at the end of the spring semester. The M.S.N. is conferred by the School of Nursing at the end of the fifth year.

Senior-in-Absentia Programs

The School of Nursing has formalized arrangements with several liberal arts colleges to allow students to combine a baccalaureate degree in liberal arts and a master of science in nursing degree. Students who complete this five-year program of study will have had the experience of dividing their academic career between a liberal arts college and the health sciences center of a major university. This unique combination of study on two differently-oriented campuses provides the student with an excellent nursing education, strongly complemented by study in the humanities, natural sciences, and social sciences.

While specific details vary in each senior-in-absentia program, these programs generally require students to spend three years at their liberal arts college, completing general curriculum requirements for the baccalaureate degree and satisfying the prerequisite courses for admission to the School of Nursing. Students apply for admission to the School of Nursing in the fall semester of their junior year. If accepted, the student enrolls at Vanderbilt in the fall semester of the senior year. After successfully completing the fall and spring semesters of generalist nursing courses at Vanderbilt, the student is awarded a baccalaureate degree from his or her undergraduate school. The student then continues for an additional four semesters (summer, fall, spring, and summer) to earn a master of science in nursing from Vanderbilt University.

At the time of publication, senior-in-absentia programs have been formalized with Vanderbilt University's College of Arts and Science and Peabody College, Fisk University, and Lipscomb University, all in Nashville, Tennessee, as well as Mary Baldwin College in Staunton, Virginia; Maryville College in Maryville, Tennessee; Randolph University in Lynchburg, Virginia; Wheaton College in Wheaton, Illinois; Birmingham-Southern College in Birmingham, Alabama; Bryan College in Dayton, Tennessee; Covenant College in Lookout Mountain, Georgia; and Converse College in Spartanburg, South Carolina.

Please call or write the Director, Office of Admissions, Godchaux Hall, Vanderbilt University, Nashville, Tennessee 37240, (615) 322-3800, for further details.

Vanderbilt Academic Partnerships

The School of Nursing also has an affiliation with Rhodes College in Memphis, Tennessee, and the University of the South in Sewanee, Tennessee, for six-year liberal arts nursing programs. These partnerships allow students at Rhodes and the University of the South to take key prerequisite courses needed to apply for admission to the M.S.N. program at Vanderbilt.

Please call or write the Director, Office of Admissions, Godchaux Hall, Vanderbilt University, Nashville, Tennessee 37240, (615) 322-3800, for further details.

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Nursing School Catalog

The M.S.N. Degree

DEGREE OFFERED: Master of Science in Nursing

THE master of science in nursing, the first-professional degree in nursing at Vanderbilt, is specialty-related and offered at the graduate level. The increase in knowledge required of nurses and the scope of their responsibilities, as well as changes in roles, functions, and practice settings, require a post-baccalaureate nursing education built on a rich undergraduate liberal education or baccalaureate nursing degree or its equivalent.

Due to the present diversity in nursing programs, educational opportunities must be made available to facilitate progression to the M.S.N. as the first-professional degree. Vanderbilt School of Nursing offers several options for entry into a master's degree program designed to accommodate a variety of cognitive styles, life experiences, and professional backgrounds.

In addition to educating students, the M.S.N. program provides other benefits. Faculty members are engaged in the scientific investigation of nursing practice and theory, innovative nursing care, and participation in national, state, and local activities related to nursing and health care delivery. Thus, they serve as role models for students, the profession, and the public. The program constitutes an arena for excellence in nursing practice and research, as well as a forum for discussion and analysis of issues that affect health care, consumers, the nursing profession, and society.

Degree Requirements

For students entering with a B.S.N. degree, the M.S.N. degree is based on a minimum of 39 credit hours. All degree requirements must be completed within three years of first enrollment. The grade of *B* in each clinical course and an overall *B* average is required. No more than 9 hours of Pass/Fail credit may apply to the degree. No required core or specialty course may be taken Pass/Fail. No audit courses apply to the degree. Up to 6 hours may be transferred from other schools for graduate courses taken within the past five years. No credit is awarded toward the degree for courses designated as prerequisite for admission. Students must have a minimum of a 3.0 cumulative grade point average to graduate.

For students entering through the pre-specialty component, the M.S.N. degree is granted based on a minimum of 81 credit hours. (R.N. pre-specialty students complete a minimum of 65 credit hours.) To progress from the generalist to the specialist component, students must (a) complete 42 semester hours of the generalist nursing component (R.N. pre-specialty students complete 26 semester hours) with the minimum grade of *C* in each didactic course, (b) earn at least a *B* in all clinical courses, and (c) earn a cumulative grade average of *B*. Students entering the pre-specialty component must complete all M.S.N. degree requirements within five years of initial enrollment. Students must have a minimum of a 3.0 cumulative grade point average to graduate.

In addition to the ordinary course evaluations, the M.S.N. candidate may be required, at the discretion of the faculty, to take a final comprehensive examination. Such examination shall be completed no later than fourteen days before the degree is to be granted. The candidate for the degree must have satisfactorily completed the M.S.N. curriculum, have passed all prescribed examinations, and be free of indebtedness to the university.

Certification

Graduates are encouraged to become certified in their specialty and should consult their program directors for details. Certification is offered through several professional nursing organizations, including the American Nurses' Association. Graduates of each specialty are eligible to sit for the certification exams specific to their specialty. Some exams require documented clinical work hours.

Certification examinations from American Nursing Credentialing Center include acute care nurse practitioner, adult nurse practitioner, family nurse practitioner, gerontological nurse practitioner, psychiatric-mental health nurse practitioner (adult or family), pediatric nurse practitioner, and advanced nursing administration examinations. Graduates of the adult nurse practitioner and family nurse practitioner specialties are also eligible to take the certification exam offered by the American Academy of Nurse Practitioners.

The Nursing Credentialing Center offers the women's health nurse practitioner and neonatal nurse practitioner exams. The National Certification Board of Pediatric Nurse Practitioners offers the Pediatric Nurse Practitioner and the Pediatric Acute Care Nurse Practitioner exam for which Vanderbilt graduates are eligible. The American Midwifery Certification Board offers the Nurse-Midwifery certification exam.

Admission

Direct admission to the Master of Science in Nursing (M.S.N.) program requires graduation from an NLNAC- or CCNE-accredited baccalaureate program with an upper division major in nursing (B.S.N. degree). Applicants from unaccredited nursing programs will be considered on an individual basis.

Admission without a B.S.N. degree is possible via a generalist nursing pre-specialty or pre-specialty-R.N. component. Qualified students without a B.S.N. enter the Master of Science in Nursing Pre-Specialty Component, an M.S.N. program with multiple entry options.

The curriculum for the School of Nursing places great intellectual, psychological, motor, and sensory demands on students. In accordance with Vanderbilt's non-discrimination policy, the Student Admissions and Academic Affairs Committee is charged with making individualized determinations of the ability of each candidate for admission to successfully complete the degree requirements.

Admission to the M.S.N. Program with a B.S.N.

Admission is based on the following factors:

1. *Undergraduate Grade Point Average.* It is recommended that applicants have at least an average of *B* in nursing and a cumulative average of *B*.
2. *Standardized Test Scores.* Applicants are required to have taken the Graduate Record Exam (GRE) within five years of the application date. The GRE will be waived for applicants with master's or doctoral degrees from U.S.-based educational programs.

Graduate Record Examination Aptitude Test. The applicant should have a composite score equivalent to 1,000 or above for the verbal and quantitative portions and a 4.5 or above for the written portion. Those with scores below 1,000 may be asked, upon faculty request, to provide additional evidence of aptitude. Applicants are reminded to take the test early to meet application deadlines, since it is often several weeks before scores are reported. Information on the GRE may be obtained by writing GRE-ETS, Box 6000, Princeton, New Jersey 08541-6000, by calling 1-866-473-4373, or by visiting the website at www.gre.org.

3. *Official Transcripts.* Applicants must submit one transcript from each post-secondary institution attended.
4. *Current R.N. Licensure or Eligibility for R.N. Licensure.* Documentation of an unencumbered Registered Nurse license in the state(s) in which the student will be completing clinical training is required at the time of registration. Students admitted contingent upon NCLEX-RN examination results are subject to immediate withdrawal from graduate (300-level) courses with a clinical component.
5. *Letters of Recommendation.* Three letters of recommendation are required.
6. *Interview.* An interview survey is required. An interview in person or by telephone may be required in certain specialties or for applicants for whom English is a second language.
7. *Goal Statement.* A concise statement of your career goals as an advanced practice nurse is required.
8. *Prerequisite Courses.* An introductory course in statistics that includes descriptive and inferential statistical techniques is required for admission.
9. *M.S.N./M.T.S. and M.S.N./M.Div. Programs.* Students applying for the joint degree M.S.N./M.T.S. or M.S.N./M.Div. programs must apply and be admitted to both the School of Nursing and the Divinity School.

Admission to the M.S.N. Program via the Pre-Specialty Component

The School of Nursing offers several options for entry into the M.S.N. program for applicants who do not hold a B.S.N. degree. Qualified applicants are eligible for admission in the following categories:

1. *Entry with a non-nursing liberal education baccalaureate degree from an accredited college or university or through a formalized senior-in-absentia program.* Such applicants must earn a minimum grade of *C* in the required prerequisite courses in human anatomy, human physiology, lifespan development, microbiology/bacteriology, nutrition,

and statistics. Students enter the pre-specialty component where they complete 42 hours of generalist courses. They then complete a minimum of 39 hours in courses for a nursing specialty.

2. *Entry with an associate degree in nursing or a diploma from an NLNAC-accredited nursing school with 78 semester or 120 quarter hours of transferable credit* (see Prerequisite Courses below). After completing 26 hours of pre-specialty level courses, they complete a minimum of 39 credit hours in a nursing specialty.
3. *Entry with a minimum of 100 semester hours including pre-requisite courses* (see below). Students who must meet these criteria will be considered for admission on an individual basis.

Prerequisite Courses for R.N. Pre-Specialty Entry

All prerequisite courses must be completed with a minimum grade of *C*.

English (6 hours). English composition or literature.

Humanities (6 hours). Humanities courses are those concerned with human thought, including literature, classics, drama, fine arts, history, philosophy, and religion. Technical or skill courses such as applied music or studio art are not acceptable as humanities courses.

Statistics (3 hours). An introductory course in statistics that includes descriptive and inferential statistical techniques is required.

Social Sciences (9 hours). Social Sciences include psychology, sociology, anthropology, political science, and economics.

Natural Sciences (11 hours). Natural Science courses in human anatomy and physiology and microbiology are required. Chemistry and Biological Sciences are strongly recommended but not required for admission.

Lifespan Development (3 hours). A course in lifespan development that includes birth through late adulthood is required.

Nutrition (2 hours). Nutrition must be taken as a prerequisite course.

Admission Criteria

Admission to the pre-specialty program is based on the following factors:

1. *Undergraduate Grade Point Average.* It is recommended that the applicant have at least a *B* average. R.N. pre-specialty applicants should have at least a *B* average in nursing and a cumulative average of *B*.
2. *Standardized Test Scores.* Applicants are required to have taken the Graduate Record Examination within five years of the application date. See Admission to the M.S.N. Program with a B.S.N. for recommended scores and additional details.
3. *Official Transcripts.* Applicants must submit one transcript from each post-secondary institution attended.
4. *Current Licensure or Eligibility for R.N. Licensure.* Documentation of an unencumbered Registered Nurse license in the state(s) in which the student will be completing clinical training is required at the time of registration. Students admitted contingent upon NCLEX-RN examination results are subject to immediate withdrawal from graduate (300-level) courses with a clinical component.

Pre-specialty applicants must have a negative criminal conviction history to be eligible to apply for R.N. licensure. See section on Tennessee Board of Nursing Eligibility Requirements for Licensure for further details. For more information, visit www.nursing.vanderbilt.edu/clinicalplacement/index.html.

5. *Letters of Recommendation.* Three letters of reference are required.
6. *Interview.* An interview survey is required. An interview in person or by telephone may be required in certain specialties or for applicants for whom English is a second language.
7. *Goal Statement.* A concise statement of your career goals as an advanced practice nurse.

Applicants who do not meet all the listed criteria will be considered on an individual basis. International applicants should refer to the section regarding English language proficiency.

Application Procedure

Both an online application and a paper application form for the M.S.N. program may be secured from the School of Nursing website at www.nursing.vanderbilt.edu/. A \$50 non-refundable fee is required when the application is submitted. The School of Nursing begins reviewing applications for admission to its new fall class beginning December 1 of the previous year, after which admissions are on a rolling basis. There is no published deadline. Although applicants are encouraged to apply by December 1 of the year before they intend to enroll, there is flexibility. Interested applicants should contact the Admissions Office about specific programs.

Admissions decisions are made upon receipt of all application materials. A \$200 non-refundable matriculation fee is required upon acceptance.

Applications are considered current for one year; accepted applicants who do not enroll during that time must reapply for admission. Students may apply for one deferral of admission, not to exceed one year, which must be approved by the SAAA committee. After one year the student must reapply for admission.

Transfer Credit

Transfer credit is considered for specialty courses taken elsewhere within five years of admission upon request on the application form. Work presented for transfer credit must be from an accredited college and is subject to evaluation in light of the degree requirements of the university. To have a course considered for transfer credit, applicants must make the request at least six (6) weeks before the course begins, submit a letter of request to the School of Nursing Registrar's Office with the course syllabus enclosed, and provide an official transcript showing the final grade for the course.

A maximum of six (6) credits can be transferred. The program director approves transfer credit for specialty courses and/or elective courses. The senior associate dean approves transfer credit for core courses. No credit is awarded toward the degree for courses designated as prerequisite for admission.

Credit by Examination

Registered nurse students in the specialist component who are certified through a professional nursing organization in the area of specialty practice may obtain credit by examination for selected specialty courses. The credit by examination procedure

will verify acceptable knowledge and skill attainment received through national certification at the specialist level. Credit by examination will be limited to a maximum of two specialty courses. Verification of the certification must be sent directly to the School of Nursing by the certifying agency before the student is eligible to register for credit by examination. After successful completion of the exam, the student is charged a \$200 credit-by-exam fee. If the student is not successful, the student must register for the course and pay full tuition.

Other courses in the specialist component may be available for credit by examination as determined by the Curriculum Committee or program director. Students may consult their faculty advisers for further information.

International Students

Vanderbilt has a large international community representing approximately one hundred countries. The university welcomes the diversity international students bring to the campus, and encourages academic and social interaction at all levels.

English Language Proficiency. Proficiency in written and oral English is required for enrollment in the nursing program. Applicants whose native language is not English must present the results of the Test of English as a Foreign Language (TOEFL) or the International English Language Testing System (IELTS) with the application, unless they have demonstrated competence while obtaining a degree from an accredited American institution. International students transferring from unfinished degree programs of other universities in the United States must present TOEFL or IELTS scores. In addition, an interview with the program director and a Student Admissions and Academic Affairs (SAAA) committee representative, in person or by telephone, may be required.

The International TOEFL is administered at test centers throughout the world at different times during the year. Applicants may access information regarding the TOEFL exam, including registration and sample tests, at www.toefl.org. Inquiries and requests for application forms should be addressed to TOEFL, Box 6151, Princeton, New Jersey 08541-6151 U.S.A. The minimum acceptable score on the Test of English as a Foreign Language is 88 on the Internet-based test or 570 on the paper-based test. The minimum acceptable score on the IELTS is 6.5. For more information on the IELTS test, go to www.ielts.org.

International student applicants who have completed college or university coursework at an institution in a country other than the United States must obtain a complete course-by-course evaluation of foreign transcripts, degrees, and other official documentation. Evaluating agencies include (1) World Education Services, Bowling Green Station, P.O. Box 5087, New York, NY 10274-5087; telephone (212) 966-6311; website: www.wes.org; (2) Educational Credential Evaluators, Inc., Post Office Box 514070, Milwaukee, Wisconsin 53203-3470; telephone (414) 289-3412; website: www.ece.org; and (3) Joseph Silny and Associates, Inc., 7101 SW 102 Avenue, Miami, FL 33173; telephone (305) 273-1616; website: www.jsilny.com.

English Instruction. Applicants whose proficiency in English is low or marginal will be required to enroll in an English language program before beginning academic studies. Vanderbilt offers such a program at the English Language Center (ELC), located at 1208 18th Avenue South. Intensive, semi-intensive, or part-time English study is offered throughout the year. Non-credit enrollment in at least one academic course may be recommended while the student is improving proficiency in English.

Academic studies for credit may begin after recommendation by ELC in consultation with the student's academic adviser. For more information, visit ELC online at www.vanderbilt.edu/elc/index.html or call (615) 322-2277.

Financial Resources. To meet requirements for entry into the United States for study, applicants must demonstrate that they have sufficient financial resources to meet expected costs of their entire educational program. Applicants must provide documentary evidence of their financial resources before visa documents can be issued.

United States laws and regulations restrict the opportunity for international students to be employed. Students may be allowed to work off campus only under special circumstances. Many spouses and dependents of international students generally are not allowed to be employed while in the United States.

Health and Accident Insurance. International students, whether attending the university full time or part time, and their dependents residing in the United States are required to purchase the university's international student health and accident insurance unless, in the judgment of the university, adequate coverage is provided from some other source. Information concerning the limits, exclusions, and benefits of this insurance coverage can be obtained from the Student Health Center.

Additional Requirements. Prior to admission, international applicants who are nurses must have taken the Commission on Graduates of Foreign Nursing Schools (CGFNS) examination and the Tennessee licensing examination. Information on the CGFNS may be obtained by writing the commission at 3600 Market Street, Suite 400, Philadelphia, Pennsylvania 19104-2651, U.S.A., or by calling (215) 222-8454 or at www.cgfns.org. The CGFNS exam is given in March, August, and November in forty-six locations worldwide, though not in Nashville. Information on the Tennessee licensing exam may be obtained from the Tennessee Board of Nursing; 227 French Landooing, Suite 300, Heritage Place, Metro Center; Nashville, Tennessee 37243, U.S.A.; telephone (615) 532-5222; website: www.state.tn.us/health.

Information. Assistance in non-academic matters before and during the international student's stay at Vanderbilt is provided by International Student and Scholar Services, Student Life Center, 310 25th Avenue South, Suite 103, Nashville, TN 37240, U.S.A.; www.vanderbilt.edu/iss/

Student Classification

The following classifications apply to all M.S.N. students.

Regular Student. Enrolled full time or part time in the School of Nursing, having met admission requirements.

A full-time student in the program normally will enroll for a minimum of 12 and a maximum of 16 credit hours a semester. Students registered for thesis or master's project (0-3 hours) are also defined as full time. Part-time students carry a minimum of 6 but fewer than 12 hours per semester.

Students entering the M.S.N. program with a B.S.N. degree must complete all degree requirements within three years of first enrollment. Students entering the M.S.N. through the pre-specialty or R.N. pre-specialty component must complete all degree requirements within five years of first enrollment.

Special Student. Enrolled in one or more non-clinical pre-specialty or specialty courses but not working toward a master's degree in the School of Nursing. A limit of 7 credit hours is permitted in this status. Successful completion of courses taken as a special student does not guarantee admission to the M.S.N. program.

To be considered as a special student, an applicant must submit a completed application form with transcripts and the non-refundable application fee at least two weeks before registration. Acceptance into a course is dependent upon availability of space and facilities after full-time and part-time students have been registered.

Registration as a special student requires approval by the assistant dean for enrollment management. All university and School of Nursing regulations, including the Honor System, apply to special students. Special students who desire to change to regular student status should make application for admission to a specialty following regular procedures.

The Academic Program

Organizing Framework

Course sequencing in the M.S.N. program with multiple entry options is designed to move students from (a) basic to advanced knowledge and skill levels, (b) simple to more complex practice situations, and (c) generalist to specialist role preparation. Course objectives include content in the three learning domains: cognitive, affective, and psychomotor, appropriately progressed in each taxonomy.

The curriculum design has three components: prerequisite liberal education requirements, generalist (pre-specialty) nursing courses, and specialist nursing courses. The prerequisite liberal education requirements assist the student in acquiring basic knowledge and understanding of human beings, culture, environment, and health through the study of the arts, humanities, and social, biological, and physical sciences. This basic knowledge is applied to the study of nursing in the nursing components of the curriculum.

The pre-specialty component of the curriculum consists of clinical and non-clinical courses that contain nursing practice and discipline content at the generalist level. Clinical experiences focus on situations that reflect an understanding of the nursing process and the nursing paradigm in health promotion and maintenance, illness care, and rehabilitation. The theoretical basis for practice is presented in the classroom and provides the scientific knowledge base needed to diagnose and treat human responses to actual or potential health problems. Non-clinical courses focus on the discipline of nursing in the areas of ethics, economics, politics, research, legal issues, health care delivery systems, and the heritage of nursing.

The specialist component of the curriculum is divided into three segments: core courses, specialty courses, and electives. The core courses focus on theory integration into advanced practice nursing, critical analysis of theoretical and research literature in the clinical problem-solving process, and understanding the health care environment. Specialty courses focus on advanced knowledge and skills in a given specialty area to equip graduates to function in complex situations and advanced practice roles, including those of nurse midwife, nurse practitioner, informatics nurse specialist, and nurse manager. Electives provide the opportunity to select course work that complements the students' career goals.

Program Goals/Outcomes

The goals of the M.S.N. program are to prepare

- Students for advanced practice roles who have expertise and advanced knowledge in a specialty area and who can function in complex situations either independently or collaboratively with health care team members;
- Seekers of new knowledge by means of critical thinking, creative reasoning, and scientific investigation in relation to nursing practice and nursing science;
- Disseminators of nursing knowledge and research to consumers and professionals;
- Leaders capable of determining effective strategies that stimulate change within the profession and that lead to a more effective management of the health care delivery system;
- Decision-makers who utilize advanced knowledge and consider ethical principles in serving the needs of individuals and society; and
- Students who possess the foundation for doctoral education.

All students are expected to meet the above program goals whether they enter the M.S.N. program with a B.S.N. or through the pre-specialty component. Students who enter through the pre-specialty component, however, must also meet transitional objectives upon completion of the pre-specialty nursing courses.

Transitional Objectives/Outcomes

On completion of the pre-specialty component, students will be able to:

- Synthesize knowledge from nursing, the humanities, and the biophysical and social sciences into the practice of professional nursing.
- Demonstrate skills in critical thinking, decision making, information management, and use of the nursing process with individuals, families, and groups experiencing complex health problems.
- Evaluate usefulness of and apply research findings to professional nursing practice.
- Teach and counsel individuals, families, communities, and other groups about health, illness, and health-seeking behaviors.
- Provide health care to culturally diverse populations in a variety of environments, both independently and in collaboration with other health care team members.
- Demonstrate leadership qualities in addressing professional nursing and health issues.
- Demonstrate accountability for decisions about nursing practice.
- Demonstrate awareness of the historical and current aspects of economic, political, legal, and ethical issues related to health care in society.
- Demonstrate awareness of nursing roles within the health care system.

The Pre-Specialty Component

Webster's dictionary defines a bridge as a structure built over an obstacle or a river, etc., to provide a way across. At Vanderbilt University School of Nursing, our pre-specialty component is a sequence of generalist nursing courses bridging to a three semester sequence of specialty nursing courses for the Master of Science in Nursing degree (M.S.N.) for Associate Degree in Nursing (A.D.N.) and diploma nurses and non-nurses with and without college degrees. Entry requires 78 hours of undergraduate course work for associate degree nurses, completion of a college degree, or enrollment in an approved senior-in-absentia program.

General Education Courses. 78 semester hours, all of which the applicant must have completed before entering the program. (Details of the 78 prerequisite hours are listed under Admission to the M.S.N. Program via the pre-specialty component.)

Pre-Specialty Nursing Courses. 42 hours.

R.N. Pre-Specialty Nursing Courses. 26 hours.

Pre-Specialty Curriculum Overview

The pre-specialty component consists of 42 hours of generalist nursing courses. (Registered nurse pre-specialty curriculum consists of 26 hours.) Students entering without a prior degree in nursing complete the pre-specialty courses in three semesters (or a calendar year) of full-time study. Associate degree and hospital diploma registered nurses complete the pre-specialty courses in two semesters of full-time study.

Sample Pre-Specialty Curriculum for Non-Registered Nurse Students

FALL SEMESTER I		HOURS
NURS 215	Foundations of Professional Nursing I	2
NURS 225	Population-Based Health Care	2
NURS 235	Human Experience of Health and Illness Across the Lifespan I	4
NURS 245	Fundamentals of Clinical Practice	5
NURS 255A	Basic Pharmacology	2
		15
SPRING SEMESTER II		
NURS 217	Foundations of Professional Nursing II	3
NURS 236	Human Experience of Health and Illness Across the Lifespan II	5
NURS 246	Integration of Theoretical and Clinical Aspects of Nursing I	4
NURS 255B	Basic Pharmacology II	2
		14
SUMMER SEMESTER III		
NURS 216	Foundations of Professional Nursing III	2
NURS 227	Health Care Systems	3
NURS 237	Human Experience of Health and Illness Across the Lifespan III	4
NURS 247A	Integration of Theoretical and Clinical Aspects of Nursing II	2
NURS 247B	Integration of Theoretical and Clinical Aspects of Nursing III	2
		13

Sample Pre-Specialty Curriculum for Registered Nurse Students

FALL SEMESTER I		
NURS 218	Conceptual Basis for Nursing Practice	3
NURS 225	Population-Based Health Care	2
NURS 237	Human Experience of Health and Illness Across the Lifespan III	4
NURS 248	Basic Health Assessment	3
NURS 257	The Nurse as a Teacher and Facilitator of Learning	2
		14
SPRING SEMESTER II		
NURS 217	Foundations of Professional Nursing II	3
NURS 219	Nursing Ethics Seminar	3
NURS 227	Health Care Systems	3
NURS 249	Integration of Theoretical and Clinical Aspects of Community Health Nursing	3
		12
SUMMER SEMESTER III		
No courses required		

Classes for the R.N. pre-specialty students are scheduled in a concentrated format of three to four sessions per semester, consisting of four days of classes during each session, to facilitate the student's work schedule. On-line conferencing is required between sessions to keep the student in contact with the faculty. Students must have proficient computer skills and high-speed Internet access.

After successful completion of the pre-specialty component, students will enter directly into the specialty master's component. The specialty component in most specialties can be completed in three semesters (one calendar year) of full-time study and follows the same curriculum plan as the direct entry M.S.N. program—39 hours of credit, including core and specialty courses. Please refer to the Specialist Nursing Curriculum for sample curriculum plans in the various specialties.

Pre-Specialty and Specialty: Part-Time Studies

Part-time pre-specialty students should meet the pre-specialty program director regularly to update their program of studies. Part-time pre-specialty-level students have five years from first enrollment to complete all M.S.N. degree requirements but are required to complete pre-specialty-level courses in two years.

Part-time specialty-year students should meet regularly with their faculty advisers. Part-time specialty-year students who enter with a B.S.N. degree have three years from first enrollment to complete all M.S.N. degree requirements.

Students must check the schedule, however, for availability of courses each semester.

Specialist Nursing Curriculum Overview

The specialist nursing curriculum consists of 39 or 40 hours in all specialties except Nurse-Midwifery (53 hours), Nurse-Midwifery/Family Nurse Practitioner (66 hours), Family Nurse Practitioner/Acute Care Nurse Practitioner: Emergency Care Focus (65 hours), and Women's Health/Adult Nurse Practitioner (47 hours).

Core Courses (9 semester hours)

These courses encompass content that is essential for all master's degree students and allow students across specialties to share experiences.

These courses explore the scientific and philosophical underpinnings of advanced nursing practice. Methods by which nursing knowledge is generated and levels of evidence

informing nursing practice will be investigated and provide the student with the opportunity to explore a relevant problem in advanced practice.

The APN Role Within the U.S. Health Care Delivery System course (Nursing 395) provides the foundation for understanding the health care environment and the advanced practice nurse's role in health care.

Further application occurs in the specialty offerings subsequent to the foundation course.

Specialty Courses (30 semester hours minimum)

This portion of the master's program consists of didactic and practicum courses in a selected specialty. The didactic courses cover advanced nursing content; the practicum courses place the student in the advanced practice role of nurse midwife, nurse practitioner, informatics nurse specialist, or nurse manager. For detailed information about specialty courses, see the section on Specialist Curriculum and the appropriate course descriptions.

Electives (0–6 semester hours)

Students select electives of interest, with the approval of their adviser, based on their professional goals. Options include courses related to the clinical specialty. Courses available in the School of Nursing, the School of Medicine, the Divinity School, Owen Graduate School of Management, Peabody College, and the Graduate School allow nursing students to interact with other professional and graduate students. Some specialty programs of study may not require electives. Students may choose to take electives above the required credit hours for their specialty.

Acute Care Nurse Practitioner

PROGRAM DIRECTOR Joan E. King
 PROFESSORS Joan E. King, Larry E. Lancaster
 CLINICAL/ADJUNCT PROFESSOR R. Bruce Shack
 ASSOCIATE PROFESSORS Carolyn J. Bess, Terri Donaldson
 RESEARCH ASSOCIATE PROFESSOR Nancy Wells
 ASSISTANT PROFESSORS Sharon Bryant, Thomas Christenbery, Maria L. Overstreet, Michael W. Vollman, Jennifer L. Wilbeck
 CLINICAL/ADJUNCT ASSISTANT PROFESSORS Roxelyn G. Baumgartner, Jose J. Diaz, A. Clyde Heflin, Jr., Rob R. Hood, Lisa H. Lancaster, Debra M. Mahan, Lee Parmley, Viona S. Rice

Specialty Courses

Acute Care Nurse Practitioner

FALL I

- NURS 305B** Advanced Health Assessment Applications for Acute Care Nurse Practitioners (1 credit hour)
NURS 305F Advanced Health Assessment and Clinical Reasoning for the Acute Care Nurse Practitioner (3 credit hours)
NURS 306A Advanced Physiological and Pathophysiologic Foundations of Acute Care (4 credit hours)
NURS 307C Advanced Pharmacotherapeutics for Acute Care Nurse Practitioners (3 credit hours)
NURS 340A Pathophysiology and Collaborative Management in Acute Care I (3 credit hours)

SPRING II

- NURS 340B** Pathophysiology and Collaborative Management in Acute Care II (3 credit hours)
NURS 342A Acute Care Nurse Practitioner Practicum (4 credit hours)
NURS 399A Scientific Underpinnings for Advanced Nursing Practice (3 credit hours)
 Elective (2 credit hours)

INSTRUCTORS Rachel Alcorta, Melanie M. Allison, R. Duke Chenault, Tracey DeWire, John G. Garrett, Andrea Honeycutt, Catherine Carter Johnson, Krista R. Kuhnert-Gainer, Catherine E. Lucid, Mary R. McDowell, Louise M. (Bo) Mistak, Joshua Squiers, Tracey Taylor-Overholts, Kimberly S. Vernier, Brian Widmar

ADJOINT INSTRUCTOR Michael Fischer

CLINICAL/ADJUNCT INSTRUCTORS Barbara D. Ahlheit, Amanda Bailey, Barbara Brown, Kathleen M. Burns, Diana L. Butorac, Margaret Callahan, Halli Carr, Catherine M. Carter, Amy Cassidy, Brenda Cole, Jonathan Cole, Amy L. Cox, Paul Daugherty, Jose Diaz, Jr., Peter A. DiCorleto, Gail Ford, Julie Foss, James W. Garner, Jr., Jane Greene, Martha E. Greer, Barbara J. Grimm, Linda T. Howerton, Teresa J. Knoop, Lisa Lancaster, Scott H. Lieberman, Thomas E. Martin, Jennifer W. McWilliams, Lori Ray, William Sanders, Marcia Spear, Elizabeth Spittler, Todd Warren, Carolyn Watts, Allen B. Wilcox, Connie Yant
 LECTURERS Katherine Boles, Edward K. Dennis, Kalpana K. Deshpande, Sheryl L. Freeman, Joshua Squiers, Cynthia M. Wasden

THE Acute Care Nurse Practitioner specialty is designed to prepare nurse practitioners to provide care for critically ill, acutely ill, and chronically ill adult patients. Students receive didactic content about diseases across the illness trajectory, thus enabling students to learn about the chronic nature of many illnesses in addition to the acute episodic problems and critical care aspects of these same illnesses. Special options are available in trauma, oncology, nephrology, cardiology, cardiac surgery, orthopaedics, emergency medicine, diabetes, pulmonology, transplantation, rehabilitation, neurology, neurosurgery, and intensivists. Enrollment in these options will be limited by availability of preceptors. For R.N.'s with at least two years of recent clinical experience, the program is offered in a modified distance format. Graduates are currently eligible to sit for the American Nurses Credentialing Center (ANCC) Acute Care Nurse Practitioner Certification exam.

Nurse Anesthesia: Special Option for ACNP Graduates

Students who successfully complete the master of science in nursing (M.S.N.) within the Acute Care Nurse Practitioner (ACNP) program at VUSN and who meet other criteria for admission to Middle Tennessee School of Anesthesia (M.T.S.A.) will be eligible to receive an invitation for an interview and potential acceptance decision at M.T.S.A. The student will first be awarded the M.S.N. by Vanderbilt upon successful completion of the ACNP program at VUSN. Students who are interested in this option need to contact M.T.S.A. at Middle Tennessee School of Anesthesia, P.O. Box 6414, Madison, TN 37116; Telephone: (615) 868-6503; or email Dean Mary Elizabeth DeVasher at ikey@mtsa.edu.

SUMMER III

- NURS 340C** Pathophysiology and Collaborative Management in Acute Care III (2 credit hours)
NURS 343 Acute Care Nurse Practitioner Preceptorship (4 credit hours)
NURS 395 Advanced Practice Nurse Role Within the U.S. Health Care Delivery System (3 credit hours)
NURS 399B Conceptualization and Integration of Evidence for Advanced Nursing Practice (3 credit hours)

Adult Nurse Practitioner

PROGRAM DIRECTOR Leslie Welch Hopkins
 PROFESSORS James Pace, Kenneth A. Wallston
 CLINICAL/ADJUNCT PROFESSORS Alfred S. Callahan, Felicia G. Cohn,
 R. Bruce Shack
 ASSOCIATE PROFESSOR EMERITA Barbara F. Grimes
 ASSOCIATE PROFESSOR Stephen D. Krau
 CLINICAL/ADJUNCT ASSOCIATE PROFESSORS Stanley Bodner,
 James S. Powers
 ASSISTANT PROFESSORS Linda M. Beuscher, John Travis Dunlap,
 Sarah C. Fogel, Leslie Welch Hopkins, Leonard M. Hummel, Rolanda
 Johnson, Jennifer L. Kim, Patricia A. Peerman, Lois J. Wagner
 CLINICAL/ADJUNCT ASSISTANT PROFESSORS Roxelyn Baumgartner,
 Michael H. Gold, Katherine E. Matas, Jane S. Pierce
 INSTRUCTORS Rebecca Botts, L. Diane Brown, Shirleen D. Chase,
 Mary R. McDowell, Blaire B. Morris, Carrie Plummer, Susan E. Stephens
 CLINICAL/ADJUNCT INSTRUCTORS Lovely Abraham, Christie Arney,
 Deanna Marci Beard, Dara Botts, Amy Bowser, Stacy Brown, Mat-
 thew Bumbalough, Stephen D'Amico, Joseph D. Drawdy, Frankie
 Fisher, Jack Fisher, Barbara L. Forbes, Diedra L. Freeman, Carol
 Hawkins, James O. Jarvis, Jason R. Jean, Patricia O. Kinman, Leon-
 ard C. Lindsay, Janie Lipps, Brenda McFarlin, Stephen Miller, Nahem
 A. Naimy, Rhonda K. Nell, Michael B. Nelson, John C. Nwofia, Anne
 A. Peterson, Connie K. Root, Robert Roy, Kelley V. Scott, A. Lee
 Tucker, Jr., Holly Ann Tucker, Daniela Vavra, Sanna Wagner, Jessica
 Weinberger, Jack H. Whitaker, Jamie G. Wiggleton, Robert M. Wilkin-
 son, Marla L. Williams
 LECTURERS Joshua Barnes, Anne Brown, Sharon A. Jones, Lynne
 McFarland, Melissa Fee Smith, Christy L. Sparkman

THE Adult Nurse Practitioner program at Vanderbilt prepares advanced practice nurses to practice in a variety of adult primary care settings. There is a significant emphasis on disease prevention and health promotion. In addition to a broad foundation of adult primary care, ANP students may choose one of three subspecialty focus areas: Cardiovascular Disease Prevention and Management, Forensic Nursing, or Palliative Care. All students, regardless of their chosen focus area, are eligible to become certified as Adult Nurse Practitioners at the completion of the program. The range of clinical sites for ANP students is tremendous and includes ambulatory clinics, private physician practices, cardiology clinics, correctional health facilities, and hospice sites, to name a few.

Students in this program gain an understanding of the health care delivery system. They will learn to assess, diagnose and manage common acute and chronic adult health problems and to provide education about health maintenance and disease prevention to patients.

Cardiovascular Disease Prevention and Management

Cardiovascular disease is the leading cause of death in the United States. The American Heart Association estimates that more than 70 million Americans have one or more forms of cardiovascular disease. This program offers in-depth course

work focusing on the prevention of cardiovascular disease through risk reduction and modification. The primary risk factors for cardiovascular disease include diabetes, hypertension, dyslipidemia, smoking, obesity, sedentary lifestyle and metabolic syndrome. This focus area of study prepares the graduate to provide comprehensive care to the patient with risk factors for the development of cardiovascular disease and those with existing disease.

Clinical experiences occur in such settings as general cardiology practices, endocrinology practice, lipid clinics, diabetes centers and cardiovascular risk reduction clinics. Students are exposed to a wide variety of clinical experts from the community.

The cardiovascular disease Prevention and Management focus is offered to students in all clinical advanced practice specialties as a focus area and as a postgraduate option. It may be taken in a blocked or distance learning modality.

With additional clinical work after graduation in the care of diabetic patients, the M.S.N. graduate is able to sit for the Advanced Diabetes Management certification offered through the American Nurses Credentialing Center. For more information on this certification go to www.nursecredentialing.org.

The Cardiovascular Disease Prevention and Management focus requires completion of the following courses in addition to the standard requirements or your selected clinical advanced practice specialty:

- NURS 322A.** Principles of Cardiovascular Health I
NURS 322B. Principles of Cardiovascular Health II
NURS 323. Practicum in Cardiovascular Health

Palliative Care

Palliative care is the comprehensive and compassionate care of individuals and families who are living with or dying from an incurable, progressive illness or condition. Palliative care begins with the diagnosis of such a life-limiting condition and follows the patient and family through curative modalities, chronicity, and end-of-life care. Palliative care APNs are leaders in pain and symptom management promoting the highest quality of life for patients and their families. Palliative care nurses enter into the lives of patients when they are at their most vulnerable; the results are caregiving experiences that transcend everything traditional. The VUSN palliative care focus prepares graduates to provide holistic patient and family care, alleviate pain, manage multiple symptoms, offer spiritual care, counsel about end-of-life decisions, and plan for the care of survivors. The palliative care focus area is offered to students in all clinical advanced practice specialties as a focus area and as a postgraduate option. It may be taken in a blocked or distance learning modality.

The M.S.N. graduate with a focus in palliative care is able to sit for the advanced practice certification as an Adult Nurse Practitioner through the American Nurses Credentialing Center (ANCC).

This focus area includes the following courses:

- NURS 325A** Palliative Care I: Advanced Illness and Palliative Care (2 credit hours)
- NURS 325B** Palliative Care II: Multidisciplinary Aspects of Loss, Grief, Death, and Bereavement (2 credit hours)
- NURS 325C** Practicum in Palliative Care (3 credit hours)

Specialty Courses

Adult Nurse Practitioner/Cardiovascular Disease Prevention and Management

FALL I

- NURS 305A** Advanced Health Assessment and Clinical Reasoning (3 credit hours)
- NURS 305B** Advanced Health Assessment Applications for the Adult Nurse Practitioner (1 credit hour)
- NURS 307** Advanced Pharmacotherapeutics (3 credit hours)
- NURS 308** Pathophysiologic Concepts (3 credit hours)
- NURS 309A** Advanced Practice Nursing in Primary Care of the Adult (3 credit hours)
- NURS 309D** Advanced Practice Nursing in Primary Care of the Elderly (1 credit hour)

SPRING II

- NURS 309C** Advanced Practice Nursing in Primary Care of the Adolescent (1 credit hour)
- NURS 309E** Advanced Practice Nursing in Primary Care of the Woman (1 credit hour)
- NURS 322A** Principles of Cardiovascular Health I (2 credit hours)
- NURS 323** Practicum in Cardiovascular Health (3 credit hours)
- NURS 363B** Practicum in Primary Health Care of the Adult for the ANP (3 credit hours)
- NURS 399A** Scientific Underpinnings for Advanced Nursing Practice (3 credit hours)

SUMMER III

- NURS 368** Essential Procedures for the Primary Care Provider (2 credit hours)
- NURS 322B** Principles of Cardiovascular Health II (2 credit hours)
- NURS 365** Adult Nurse Practitioner Preceptorship (3 credit hours)
- NURS 395** Advanced Practice Nurse Role Within the U.S. Health Care Delivery System (3 credit hours)
- NURS 399B** Conceptualization and Integration of Evidence for Advanced Nursing Practice (3 credit hours)

Adult Nurse Practitioner/Palliative Care

FALL I

- NURS 305A** Advanced Health Assessment and Clinical Reasoning (3 credit hours)
- NURS 305B** Advanced Health Assessment Applications for the Adult Nurse Practitioner (1 credit hour)
- NURS 307** Advanced Pharmacotherapeutics (3 credit hours)
- NURS 308** Pathophysiologic Concepts (3 credit hours)
- NURS 309A** Advanced Practice Nursing in Primary Care of the Adult (3 credit hours)
- NURS 309D** Advanced Practice Nursing in Primary Care of the Elderly (1 credit hour)

SPRING II

- NURS 309C** Advanced Practice Nursing in Primary Care of the Adolescent (1 credit hour)
- NURS 309E** Advanced Practice Nursing in Primary Care of the Woman (1 credit hour)
- NURS 325A** Palliative Care I: Advanced Illness and Palliative Care (2 credit hours)
- NURS 325C** Practicum in Palliative Care (3 credit hours)
- NURS 363B** Practicum in Primary Health Care of the Adult for the ANP (3 credit hours)
- NURS 399A** Scientific Underpinnings for Advanced Nursing Practice (3 credit hours)

SUMMER III

- NURS 368** Essential Procedures for the Primary Care Provider (2 credit hours)
- NURS 325B** Palliative Care II: Multidisciplinary Aspects of Loss, Grief, Death, and Bereavement (2 credit hours)
- NURS 365** Adult Nurse Practitioner Preceptorship (3 credit hours)
- NURS 395** Advanced Practice Nurse Role Within the U.S. Health Care Delivery System (3 credit hours)
- NURS 399B** Conceptualization and Integration of Evidence for Advanced Nursing Practice (3 credit hours)

Adult Nurse Practitioner/ Gerontological Nurse Practitioner

PROGRAM DIRECTOR Leslie Welch Hopkins

For listing of faculty for Adult Nurse Practitioner/Gerontological Nurse Practitioner, see Adult Nurse Practitioner.

VANDERBILT University School of Nursing is very excited to offer a dual focus program that will allow individuals to gain certification as both an Adult Nurse Practitioner (ANP) and Gerontological Nurse Practitioner (GNP) through the American Nurses Credentialing Center (ANCC). This program began in fall 2001. The goal of this dual focus program is to provide individuals who wish to develop expertise in older adult care the opportunity to expand their scope of practice to include adolescents and younger adults. Students who complete this program will be eligible to become certified as Adult Nurse Practitioners and Gerontological Nurse Practitioners.

Dual certification provides the practitioner with the credentials necessary to meet the primary care demands of this entire patient population (adolescents and adults aged twelve and up). Long-term care facilities and assisted living facilities have traditionally been linked to the older adult population. Yet, upon closer look at these facilities, it is not unusual to find younger adults who are the victims of devastating illness, traffic accidents, or drug abuse. Advanced practice nurses can choose to practice in hospitals; private physician practices; home health care agencies; and in long-term care, sub-acute care, or assisted living facilities.

In all, the ANP/GNP dual focus program provides a broad foundation in adult primary care, with significant emphasis on disease prevention and health promotion. Students gain the knowledge and skills necessary to assess, diagnose, and manage common acute and chronic adult health problems, including the unique aspects related to geriatric care. In addition, they will be prepared to educate and counsel patients on health maintenance and disease prevention. Students also gain an understanding of the health care delivery system in this country.

Specialty Courses

Adult Nurse Practitioner/Gerontological Nurse Practitioner

FALL I

- NURS 305A** Advanced Health Assessment and Clinical Reasoning (3 credit hours)
- NURS 305B** Advanced Health Assessment Applications for the Adult Nurse Practitioner (1 credit hour)
- NURS 307** Advanced Pharmacotherapeutics (3 credit hours)
- NURS 308** Pathophysiologic Concepts (3 credit hours)
- NURS 309A** Advanced Practice Nursing in Primary Care of the Adult (3 credit hours)
- NURS 309D** Advanced Practice Nursing in Primary Care of the Elderly (1 credit hour)

SPRING II

- NURS 309C** Advanced Practice Nursing in Primary Care of the Adolescent (1 credit hour)
- NURS 309E** Advanced Practice Nursing in Primary Care of the Woman (1 credit hour)
- NURS 320A** Principles of Older Adult Health I: Health Care Management of the Aged (2 credit hours)
- NURS 321** Practicum in Older Adult Health (3 credit hours)
- NURS 363B** Practicum in Primary Health Care of the Adult for the ANP (3 credit hours)
- NURS 399A** Scientific Underpinnings for Advanced Nursing Practice (3 credit hours)

SUMMER III

- NURS 368** Essential Procedures for the Primary Care Provider (2 credit hours)
- NURS 320B** Principles of Older Adult Health II (2 credit hours)
- NURS 365** Adult Nurse Practitioner Preceptorship (3 credit hours)
- NURS 395** Advanced Practice Nurse Role Within the U.S. Health Care Delivery System (3 credit hours)
- NURS 399B** Conceptualization and Integration of Evidence for Advanced Nursing Practice (3 credit hours)
- Elective (1 credit hour)

Clinical Management

The Clinical Management program will be discontinued upon the graduation of our current clinical management students. No new students are being admitted to this program.

PROGRAM DIRECTOR Richard Watters
 PROFESSORS Mary Jo Gilmer, Linda D. Norman, Bonita Pilon
 CLINICAL/ADJUNCT PROFESSORS Nancye Feistritz, Rebecca Keck,
 James Harris, Nancy M. Lorenzi
 ASSOCIATE PROFESSOR Debra M. Wujcik
 CLINICAL/ADJUNCT ASSOCIATE PROFESSORS Elizabeth C. Dayani,
 Marilyn A. Dubree
 ASSISTANT PROFESSORS Thomas H. Cook, Susan Cooper, Carol
 Etherington, Lois J. Wagner
 CLINICAL/ADJUNCT ASSISTANT PROFESSOR Jay Harrington
 CLINICAL/ADJUNCT INSTRUCTORS Greta Fowinkle, Kristel Hassler,
 Carol Lindsey, Debiann Peterman, Roberta Ress
 ADJOINT INSTRUCTOR Paula L. Miller

THE Clinical Management program was recently developed in response to requests from health care organizations across the United States to address the crucial client care needs in our ever-changing health care environment. The Clinical Management program includes two tracks: Clinical Nurse Specialist (CNS) and Clinical Nurse Leader (CNL).

The CNS is an advanced practice nurse prepared in a clinical specialty (e.g., adult acute care or pediatric acute care) at the master's or post-master's level. The CNS functions as an expert clinician in that particular specialty or sub-specialty, and is responsible for designing, implementing, and evaluating patient-specific and population-based programs of care. The CNS is an expert in the assessment, diagnosis, and treatment of the complex responses of individuals, families, or special

populations and serves as a consultant to other nurses and the multidisciplinary health care team.

The Clinical Nurse Leader is prepared at the master's level as a generalist to provide and manage care at the point of care to patients, individuals, families, and communities. The CNL coordinates care, decreasing the fragmentation and ensuring seamless, safe care.

Clinical coursework includes specialty courses in adult health, pediatrics, or geriatrics. Students may also choose to focus on a subspecialty area, such as palliative care, hematology, oncology, renal, cardiovascular, or others of their choosing.

Students who intend to become certified Clinical Nurse Specialists will need to have at least two years of experience working as a nurse prior to graduation from the program. Pre-specialty students should work as R.N.'s while completing part-time study for their specialty year. They will then be eligible to sit for the certification exam specific to their specialty area offered by the American Nurses Credentialing Center (ANCC).

Students who intend to become Clinical Nurse Leaders will be eligible to sit for the CNL exam offered by the American Association of Colleges of Nursing.

Vanderbilt University School of Nursing offers an innovative and highly individualized, broad-based curriculum that is the result of a careful assessment of the health care environment. This program prepares nurses to function as clinical system experts who can design, coordinate, provide, and manage care of crucially ill patients and their families. Graduates have the skills and knowledge necessary to function as clinical nurse experts across the health care enterprise. R.N.'s with a B.S.N., A.D.N., or Diploma are eligible for admission to the program. Other applicants are evaluated on an individual basis.

Classes are offered in a concentrated format of three- to four-day meetings, three or four times a semester. Project work and Web-based conferencing are required between sessions. Students must have proficient computer skills and Internet access.

Specialty Courses

Clinical Management (Pediatric Acute Care Focus)

FALL I

- NURS 300** Theoretical Foundations of Advanced Nursing Practice (2 credit hours)
- NURS 303** Health Care Delivery Systems (2 credit hours)
- NURS 305D** Advanced Health Assessment in Family-Centered Pediatric Practice (2 credit hours)
- NURS 305E** Advanced Health Assessment Applications for the Pediatric Nurse Practitioner (1 credit hour)
- NURS 308** Pathophysiologic Concepts (3 credit hours)
- NURS 378** Special Topics in Clinical Research (1-3 credit hours)

SPRING II

- NURS 301** Research Methods for Advanced Nursing Practice (3 credit hours)
- NURS 304C** Teaching/Learning Methodology and Strategies (1 credit hour)
- NURS 307E** Advanced Pharmacotherapeutics in Pediatrics (3 credit hours)
- NURS 347C** Pathophysiology and Collaborative Management in Pediatrics for Clinical Management I (3 credit hours)
- NURS 374** Population Care Management (3 credit hours)
- NURS 376** Clinical Program Development and Evaluation (2 credit hours)

SUMMER III

- NURS 302** Theory, Research, and Advanced Nursing Practice: Integration and Application (2 credit hours)
- NURS 304** Transitions to the Advanced Practice Role (1 credit hours)
- NURS 347D** Pathophysiology and Collaborative Management in Pediatrics for Clinical Management I (3 credit hours)
- NURS 373A** Strategies for Administrative/Clinical Decision Making (2 credit hours)
- NURS 377A** Expert Clinical Care Preceptorship for the Clinical Nurse Specialists (5 credit hours)
OR
- NURS 377B** Expert Clinical Care Preceptorship for the Clinical Nurse Leaders (5 credit hours)

*Clinical Management (Medical/Surgical Focus)***FALL I**

- NURS 300** Theoretical Foundations of Advanced Nursing Practice (2 credit hours)
NURS 303 Health Care Delivery Systems (2 credit hours)
NURS 305B Advanced Health Assessment Applications for the Clinical Nurse Specialist/Clinical Nurse Leader (1 credit hour)
NURS 305F Advanced Health Assessment and Clinical Reasoning for Acute Care Nurse Practitioners (3 credit hours)
NURS 306A Advanced Physiologic and Pathophysiologic Foundations of Acute Care (4 credit hours)
NURS 307C Advanced Pharmacotherapeutics for Acute Care Nurse Practitioners (3 credit hours)

SPRING II

- NURS 301** Research Methods for Advanced Nursing Practice (3 credit hours)
NURS 304C Teaching/Learning Methodology and Strategies (1 credit hour)
NURS 347A Pathophysiology and Collaborative Management in Acute Care for Clinical Management I (3 credit hours)
NURS 374 Population Care Management (3 credit hours)
NURS 376 Clinical Program Development and Evaluation (2 credit hours)

SUMMER III

- NURS 302** Theory, Research, and Advanced Nursing Practice: Integration and Application (2 credit hours)
NURS 304 Transitions to the Advanced Practice Role (1 credit hours)
NURS 347B Pathophysiology and Collaborative Management in Acute Care for Clinical Management II (3 credit hours)
NURS 373 Strategies for Administrative/Clinical Decision Making (2 credit hours)
NURS 377A Expert Clinical Care Preceptorship for the Clinical Nurse Specialists (5 credit hours)

Family Nurse Practitioner

PROGRAM DIRECTOR Amy W. Bull

ADJUNCT PROFESSOR Randolph F. R. Rasch

ASSOCIATE PROFESSOR Charlotte M. Covington

CLINICAL/ADJUNCT ASSOCIATE PROFESSOR Stanley J. Bodner

ASSISTANT PROFESSORS Roberta Bradley, Amy W. Bull, Suzanne E. Goldman, Terry O. Harrison, Blanca I. Padilla, Geri Reeves, Clare J. Thomson-Smith, Sonya D. Wade

CLINICAL/ADJUNCT ASSISTANT PROFESSORS Michael H. Gold, Deborah L. Wage

INSTRUCTORS Shannon L. Alley, Cindy K. Anderson, Erica L. Anderson, Lori A. Anderson, Kristen L. Anton, Tracy Baldrige, Angela M. Becker, Davida L. Boltz, Beverly Byram, Sandra M. Byrd, Jane Case, R. Joyce Coleman, Teresa L. Cook, Judy J. Corfman, Callie Cundiff, Melissa G. Davis, Allison DeHart, Janis D. Ebolum, Merry J. Etling, Lynn M. Ferguson, Susan L. Ficken, Sharon S. Hendrix, Mary Jessee, Linda C. Johnson, Tracy A. Johnson, Lynn E. Kehler, Wanda A. Lancaster, Karen R. McCarty, Elizabeth A. McGraw, Ellen C. McPherson, Gordon L. Melton, Amy Minert-Salunga, Carol D. Moore, Melanie H. Morris, Samantha J. Mulder, Jennifer E. Nalle, Heather M. Olivas, Catherine E. Reisenberg, Erin K. Rodgers, Vicki P. Shaub, Patricia N. Scott, LeeAnne Smith, Clare D. Sullivan, Pamela J. Thompson, M. Suzanne Tilley, Anne Marie VanderWoude, Gina D. Vaughn, Marilee T. Weingartner, Laura S. Winslow, Dana C. Wirth, Barbara J. Wolff, Julie Ann Womack, Margaret Wood, Amber Lea Worrell

CLINICAL/ADJUNCT INSTRUCTORS Mark Allen, John B. Bassel, James H. Batson, Lana S. Beavers, Harvey E. Bennett, Shirley Bodner, Molly Boring, Elizabeth D. Botts, Jason Boylan, Virginia L. Bradshaw, Albert R. Brandon, Nancy Bridges, Judith M. Caldwell, G. Summers Chaffin,

Amy T. Cole, Judy G. Cole, Cynthia Collins, Amy C. Costner, Catherine Crumbo, Gamal S. Eskander, Linda A. Foster, A. Merle Hanson, Debra K. Hardy, Cynthia Hine, Beth Huff, Jack Hydrick, Angie Jackson, Lawrence R. Jackson, Jr., Earnest J. Jones, Vickie Jones, Scott Jordan, Andrea D. Kelley, Nicole Kendzierski, Mary Langlois, C. Todd Lewis, Robert T. Lim, Paul F. Mackey, Jr., Aureata Majors, Timothy C. Mangrum, Bruce E. McLaughlin, Valerie Meece, Gita Mishra, Tanitha Moncier, Sandra K. Myers, Melissa Ott, Ellen B. O'Kelley, Linda Perrin, Lisa G. Pewitt, Kimerly A. Rigsby, M. Brent Rudder, Kyle Rybczyk, Sudha S. Saraswat, Sue E. Scheleir, Chad C. Scott, Benjamin E. Shoemaker, Charles R. Sidberry, Jennifer Sternberg, Alice A. Stuart, Donna Tudor, Warren Via, Mary L. Walker, Edward D. White, Jr., Thomas C. Whitfield, Jr., David W. Yancey, Sarah C. Yeagley, Paul S. Yim

LECTURERS Christine S. Allocco, Catherine C. Berry, Cara Calloway, Darlene Dansby, Terri Duran, Gene E. Harkless, Linda S. Johnson, Ruth T. Knab, Julie F. Ludwig, Mohammad Rassekhi, Kathryn R. Reese, Sharon-Lee Santos, Claire Srouji, Charlotte M. Stephenson

THIS specialty prepares graduates to deliver comprehensive primary care to individuals, from infancy through adulthood. Emphasis is on acquisition of the knowledge and skills necessary for a family-centered approach to health promotion and intervention in illness. Students gain clinical experience in primary health care settings with children and adults. The preceptorship facilitates development of clinical skills that prepare the graduate for the advanced practice role of the Family Nurse Practitioner. Graduates are eligible to sit for either the American Nurses Credentialing Center (ANCC) or the American Academy of Nurse Practitioners (AANP) Family Nurse Practitioner certification exam.

Specialty Courses*Family Nurse Practitioner***FALL I**

- NURS 305A** Advanced Health Assessment and Clinical Reasoning (3 credit hours)
NURS 305B Advanced Health Assessment Applications for the Family Nurse Practitioner (1 credit hour)
NURS 307 Advanced Pharmacotherapeutics (3 credit hours)
NURS 308 Pathophysiologic Concepts (3 credit hours)
NURS 309A Advanced Practice Nursing in Primary Care of the Adult (3 credit hours)
NURS 309D Advanced Practice Nursing in Primary Care of the Elderly (1 credit hour)

SPRING II

- NURS 309B** Advanced Practice Nursing in Primary Care of the Child (2 credit hours)
NURS 309C Advanced Practice Nursing in Primary Care of the Adolescent (1 credit hour)
NURS 309E Advanced Practice Nursing in Primary Care of the Woman (1 credit hour)
NURS 360A Practicum in Primary Health Care of the Family (4 credit hours)
NURS 361A Family Nurse Practitioner Issues in Primary Care (2 credit hours)
NURS 399A Scientific Underpinnings for Advanced Nursing Practice (3 credit hours)

SUMMER III

- NURS 360B** Practicum in the Primary Health Care of the Family (1 credit hour)
NURS 361B Health Promotion Across the Lifespan (1 credit hour)
NURS 364 Family Nurse Practitioner Preceptorship (4 credit hours)
NURS 395 Advanced Practice Nurse Role Within the U.S. Health Care Delivery System (3 credit hours)
NURS 399B Conceptualization and Integration of Evidence for Advanced Nursing Practice (3 credit hours)

Family Nurse Practitioner/ Acute Care Nurse Practitioner: Emergency Care Focus

PROGRAM DIRECTORS Amy W. Bull, Joan E. King
 PROGRAM COORDINATOR Jennifer L. Wilbeck

For listing of faculty for Family Nurse Practitioner/Acute Care Nurse Practitioner: Emergency Care Focus, see both Family Nurse Practitioner and Acute Care Nurse Practitioner.

THE Master of Science in Nursing dual FNP/ACNP: Emergency Care focus program offers a uniquely designed five-semester curriculum for experienced R.N.'s. Its foundation is the Vanderbilt University School of Nursing M.S.N. core of courses that delve into the themes and competencies that form the basis of graduate nursing education, including advanced health assessment, pathophysiology, and pharmacology.

Family Nurse Practitioner Component

During the first three semesters, students will focus on the FNP coursework and clinical rotations to develop their knowledge and skills of advanced primary care nursing practice for children, adolescents, adults and the elderly. To prepare them for a role in emergency care, the FNP component of students' education provides experiences that combine theory, research, and practice in a multitude of settings: urgent care clinics and emergency departments, and pediatric, internal medicine, and family practice sites. Under the guidance of a clinical mentor, students will collaborate with a health care team in each of these settings.

Acute Care Nurse Practitioner Component

Students will expand their education into the acute care arena during their fourth and fifth semesters, gaining knowledge and skills in the pathophysiology, diagnosis, pharmacologic treatment and collaborative management of adults with varied episodic and chronic health problems in acute and critical care. Clinicals occur within a variety of hospital settings and culminate in an expert clinical preceptorship in an emergency setting.

Emergency Care Focus Component

Two courses have been designed to introduce students to the unique aspects and complexities of emergency care: Special Topics: Concepts in Emergency Care, and Practicum in Emergency Care. Additionally, other courses have been modified to allow for varied learning experiences necessary for the ENP.

The FNP/ACNP-emergency care focus program is offered in a modified block format which includes: (1) visits to campus 3-4 times per semester for 4-5 days, usually scheduled over a long weekend, (2) on-line conferencing, and (3) distributed learning methods allowing for continued faculty contact between sessions. Clinical placements can be arranged in the student's "home" area provided a suitable agency and preceptor are available. Sites and preceptors are subject to VUSN faculty approval.

The dual FNP/ACNP-emergency care focus program is open to R.N.'s who have had at least two years of recent clinical experience, some of which must be in the Emergency Department. This includes diploma R.N.'s, A.D.N.'s, B.S.N.'s, and post-master's students.

Graduates are eligible to take the American Nurses Association (ANA) Family Nurse Practitioner and Acute Care Nurse Practitioner examinations offered through the American Nurses Credentialing Center (ANCC) as well as the FNP certification examination offered by the American Academy of Nurse Practitioners.

Specialty Courses

Family Nurse Practitioner/Acute Care Nurse Practitioner: Emergency Care Focus

FALL I

- NURS 305A** Advanced Health Assessment Applications and Clinical Reasoning (3 credit hours)
NURS 305B Advanced Health Assessment Applications for the Family Nurse Practitioner/Acute Care Nurse Practitioner (1 credit hour)
NURS 307 Advanced Pharmacotherapeutics (3 credit hours)
NURS 308 Pathophysiologic Concepts (3 credit hours)
NURS 309A Advanced Practice Nursing in Primary Care of the Adult (3 credit hours)
NURS 309D Advanced Practice Nursing in Primary Care of the Elderly (1 credit hour)

SPRING II

- NURS 309B** Advanced Practice Nursing in Primary Care of the Child (2 credit hours)
NURS 309C Advanced Practice Nursing in Primary Care of the Adolescent (1 credit hour)
NURS 309E Advanced Practice Nursing in Primary Care of the Woman (1 credit hour)
NURS 361A The Context of Primary Care: FNP Domains and Core Competencies for Practice (2 credit hours)
NURS 362 Practicum in Primary Health Care of the Child and Adolescent (2 credit hours)
NURS 396F Special Topics: Concepts in Emergency Nursing (2 credit hours)
NURS 399A Scientific Underpinnings for Advanced Nursing Practice (3 credit hours)

SUMMER III

- NURS 361B** Family and Relationship Issues in Primary Care (1 credit hour)
NURS 363A Practicum in the Primary Health Care of the Adult for Dual Specialty (3 credit hours)
NURS 364A Family Nurse Practitioner Preceptorship (3 credit hours)
NURS 395 Advanced Practice Nurse Role within the U.S. Health Care Delivery System (3 credit hours)
NURS 399B Conceptualization and Integration of Evidence for Advanced Nursing Practice (3 credit hours)

FALL IV

- NURS 305B** Advanced Health Assessment Applications for the ACNP (1 credit hour)
NURS 306A Advanced Physiologic and Pathophysiologic Foundations in Acute Care (4 credit hours)
NURS 307C Advanced Pharmacotherapeutics for Acute Care Nurse Practitioner (3 credit hours)
NURS 340A Pathophysiology and Collaborative Management in Acute Care (3 credit hours)
NURS 342B Acute Care Practitioner Practicum (2 credit hours)

SPRING V

- NURS 340B** Pathophysiology and Collaborative Management in Acute Care II (3 credit hours)
NURS 340C Pathophysiology and Collaborative Management in Acute Care III (2 credit hours)
NURS 343B Acute Care Nurse Practitioner Preceptorship (4 credit hours)
NURS 397 Practicum in Emergency Care (2 credit hours)

Health Systems Management

PROGRAM DIRECTOR Bonita Pilon
 PROFESSORS Linda D. Norman, Bonita Pilon
 CLINICAL/ADJUNCT PROFESSORS Robert J. Hawley, Sharon Myers, Sally J. Phillips
 CLINICAL/ADJUNCT ASSOCIATE PROFESSORS Chris L. Algren, Elizabeth C. Dayani, Marilyn A. Dubree, Carol H. Eck, Catherine Garner
 ASSISTANT PROFESSORS Debbie A. Arnow, Susan Cooper, Terri Crutcher, Carol Etherington, Pamela Jones, Clare J. Thomson-Smith, Richard Watters
 CLINICAL/ADJUNCT ASSISTANT PROFESSORS John Bingham, Jay Harrington, Margaret Head, Jamie E. Hopping, William Nolan
 INSTRUCTORS Rebecca R. Keck, Joy Lowe, Julie Perry, Katherine C. Portis, Scott Stretch
 ADJOINT INSTRUCTOR Myra M. Socher
 CLINICAL/ADJUNCT INSTRUCTORS Gregg P. Allen, Nikki G. Baldi, Lenys A. Biga, Devin S. Carr, Tammy Choate, Janice M. Cobb, Kathleen M. Craig, Mary A. Duvanich, Nancye R. Feistritzer, Pamela K. Hoffner, Karen Hughtart, Heidi N. Jacobus, Tawana R. Jarquin-Valdivia, Nathan

J. Johnson, Susan M. Johnson, Treasa Leming-Lee, D. Brent Lemonds, Wendy S. Leutgens, Shelley C. Moore, Susan M. Moseley, Susan A. Murphy, Teresa Oates, Kathryn Payne, David R. Posch, Cynthia S. Sandy, Mary E. Schmidt, Debora Shiflett, Lynn Slepski, Janice M. Smith, Barbara Snell, Page Staff, Robin L. Steaban, Suzanne K. Stone-Griffith, Cynthia Waller, Elena O. Wilson, Cynthia Winker

THIS specialty prepares graduates for the advanced role of nursing and health care management. This specialty is designed to prepare nurses at the graduate level to manage the delivery of nursing and health care services across multiple settings and specialty areas. The curriculum provides a series of integrated learning experiences that focus on the development of individuals with keen analytic and quantitative skills who are capable of leadership and innovation in a dynamic health care system. Graduates acquire the breadth of management knowledge and skills needed to perform effectively and assume leadership positions in health care delivery organizations.

The HSM curriculum is offered in a full-time and a part-time, online format. Students may enter the part-time

program during any semester; full-time students begin in the fall each year. See curriculum plans for details on student progression.

Specialty Courses

Health Systems Management

The Health Systems Management Master of Science in Nursing degree program is 39 credit hours, or 13 courses. Full-time students must enter in the fall semester only. Part-time students may enter in any semester.

NURS 380	Organizational Dynamics (3 credit hours)
NURS 381A	Introduction to Health Informatics (3 credit hours)
NURS 382	Leadership (3 credit hours)
NURS 383A	Continuous Quality Improvement and Outcomes Measures (3 credit hours) 4 weeks in length
NURS 384	Directed Reading (2 credit hours)
NURS 385A	Health Care Financial Management (3 credit hours)
NURS 386	Management Practicum I (3 credit hours)
NURS 387	Management Practicum II (4 credit hours)
NURS 388	Management Strategies for Health Care Systems (3 credit hours)
NURS 389	Health Care Management of Populations (3 credit hours)
NURS 395	Advanced Practice Nurse Role Within the U.S. Health Care Delivery System (3 credit hours)
NURS 399A	Scientific Underpinnings for Advanced Nursing Practice (3 credit hours)
NURS 399B	Conceptualization and Integration of Evidence for Advanced Nursing Practice (3 credit hours)

Neonatal Nurse Practitioner

PROGRAM DIRECTOR Karen D'Apolito

PROFESSOR Karen D'Apolito

INSTRUCTOR Patti A. Scott

CLINICAL/ADJUNCT INSTRUCTORS Wendy Bateman, Rhonda L. Clifford, Fairy A. Coleman, Wakako Eklund, Colleen H. Flanders, Darrah D. Fowler, Cheryl M. Furlong, Karen Gannon, Terri T. Gay, Kathy E. Harrison, Sarah E. Hassell, Betty G. Hendel, Muhammed S. Ismail, Nancy L. Kraft, Jane C. Lebens, Susan M. Mercier, Jamie L. Nelson, Eric S. Palmer, Gloria Rubadeau

THE Neonatal Nurse Practitioner program (NNP) prepares registered nurses to become nurse practitioners whose focus is the care and management of critically ill and convalescent premature and full-term infants. Individuals who enter this program are self-directed and excited by the challenges of learning the role of a Neonatal Nurse Practitioner.

Recognizing that neonatal/infant development is ongoing and cannot be separated from care, the Neonatal Nurse Practitioner program emphasizes a developmental approach to the care of high-risk neonates and infants. The program provides a broad theoretical and evidence-based practice approach to guide advanced Neonatal Nurse Practitioner

practice. Students in this program will learn to care for ill and convalescent neonates/infants in a variety of settings.

The clinical experiences provided to students range from the care of healthy neonates to the care of those with short- and long-term health disruptions. Sites for clinical experiences are located in primary, secondary, and tertiary sectors of the health care system. Upon graduation, students are prepared to assume entry-level roles as neonatal nurse practitioners and to contribute to the advancement of the nursing profession and discipline. Graduates are eligible to take the National Certification Corporation (NCC) Neonatal Nurse Practitioner Certification Exam.

Eligibility Criteria

Registered Nurse Options are available to A.S.N./Diploma R.N.'s and B.S.N.'s who wish to pursue their M.S.N. studies to become a Neonatal Nurse Practitioner while working to meet their clinical nursing experience requirements. Please contact the admissions office staff or the program director for more information.

Specialty Courses

Neonatal Nurse Practitioner

FALL I

- NURS 305C** Advanced Neonatal Health Assessment (3 credit hours)
NURS 306C Developmental/Neonatal Physiology (3 credit hours)
NURS 316 Theoretical Foundations of Neonatal Care (2 credit hours)
NURS 317A Neonatal Pathophysiology and Management I (3 credit hours)
NURS 395 Advanced Practice Nurse Role Within the U.S. Health Care Delivery System (3 credit hours)

SPRING II

- NURS 307D** Advanced Neonatal Pharmacotherapeutics (3 credit hours)
NURS 315 Essential Components of Neonatal Intensive Care Nursing and Introduction to Advanced Practice Neonatal Nursing Skills (3 credit hours)
NURS 317B Neonatal Pathophysiology and Management II (3 credit hours)
NURS 318 Neonatal Practicum (4 credit hours)
NURS 399A Scientific Underpinnings for Advanced Nursing Practice (3 credit hours)

SUMMER III

- NURS 319** Neonatal Preceptorship (6 credit hours)
NURS 399B Conceptualization and Integration of Evidence for Advanced Nursing Practice (3 credit hours)

M.S.N. Program for B.S.N. Certificate-Prepared Neonatal Nurse Practitioners

FALL I—7 credits mandatory; 6 credits by exam

- NURS 305C** Neonatal Health Assessment (3 credit hours)—credit by exam (written and demonstration)
NURS 306C Developmental/Neonatal Physiology (3 credit hours)
NURS 316 Theoretical Foundations of Neonatal Care (2 credit hours)
NURS 317A Neonatal Pathophysiology and Management I (3 credit hours)—credit by written exam
NURS 395 Advanced Practice Nurse Role Within the U.S. Health Care Delivery System (3 credit hours)

SPRING II—6 credits mandatory; 9 credits by exam

- NURS 307D** Advanced Neonatal Pharmacotherapeutics (3 credit hours)
NURS 315 Essential Components of Neonatal Intensive Care Nursing (3 credit hours)—Credit by validation (completion of procedure checklist)
NURS 317B Neonatal Pathophysiology and Management II (3 credit hours)—credit by written exam
NURS 318 Neonatal Practicum (3 credit hours)—credit by validation (completion of detailed checklist)
NURS 399A Scientific Underpinnings for Advanced Nursing Practice (3 credit hours)

SUMMER III—7 credits mandatory; 4 credits by exam

- NURS 319** Neonatal Preceptorship (6 credit hours)—4 credits by validation (completion of detailed checklist) and 2 credits by integration using case studies
NURS 399B Conceptualization and Integration of Evidence for Advanced Nursing Practice (3 credit hours)

Nurse-Midwifery

PROGRAM DIRECTOR Mavis N. Schorn

ASSOCIATE PROFESSOR Mavis N. Schorn

ASSISTANT PROFESSORS Michelle R. Collins, Elaine M. Moore

INSTRUCTORS Melissa L. Allred, Sohely Asadsangabi, Margaret H. Buxton, Lori Cabbage, Melissa G. Davis, Lauren Drees, Marie Gonzalez, Alison Hartwell, Sharon L. Holley, Linda F. Hughlett, Tonia Moore-Davis, Erin L. Pharris, Deanna C. Pilkenton, Heather M. Robbins, Lisa D. Stephens, Catherine (Kate) Virostko, Pamela Waynick-Rogers

ADJOINT INSTRUCTORS Susan Cockburn, Katherine E. Eastham, Sanna Wagner, Karen Wolfe

CLINICAL/ADJUNCT INSTRUCTORS Jill B. Alliman, Nicki C. Baxley-Blake, JoEllen Blake-Wingate, Janet L. Brodie, Danna S. Bush, Susan Cockburn, Linda Cole, Cynthia Early, Katherine E. Eastham, Susan Fischels, Julie H. Judd, Angela Long, Judith Martin, Wanda McClellan, Letitia C. Rainey, Candace Riehl, Sarah S. Smith, Leona C. M. Wagner, Jo Ellen Wingate

LECTURER Julia C. Phillippi

THE Nurse-Midwifery specialty prepares students to manage the obstetric and primary health care needs of women across the lifespan as well as the care of the normal newborn. Nurse-midwifery courses are based on the American College of Nurse-Midwives (ACNM) "Core Competencies for Basic Midwifery Practice: May 2006," which include the "Hallmarks of Midwifery Care." Students may obtain clinical experience in a variety of nurse-midwifery practices that meet the "Standards of Midwifery Practice" of the ACNM.

Graduates will be eligible to take the American Midwifery Certification Board (AMCB) exam. The Nurse-Midwifery program is accredited by the Accreditation Commission for Midwifery Education (formerly ACNM Division of Accreditation). For information: 8403 Colesville Road, Suite 1550, Silver Spring, MD 20910-6374; phone: 240-485-1800; fax: 240-485-1818; Web: www.midwife.org.

Specialty Courses

Nurse-Midwifery

FALL I

- NURS 305A** Advanced Health Assessment and Clinical Reasoning (3 credit hours)
NURS 305B Advanced Health Assessment Applications for Nurse-Midwifery (1 credit hour)
NURS 306B Reproductive Anatomy and Physiology (2 credit hours)
NURS 308 Pathophysiologic Concepts (3 credit hours)
NURS 327A Women's Health for Advanced Practice Nursing I (3 credit hours)
NURS 333 Evolution of Midwifery in America (2 credit hours)

SPRING II

- NURS 307** Advanced Pharmacotherapeutics (3 credit hours)
NURS 309A Advanced Practice Nursing in Primary Care of the Adult (3 credit hours)
NURS 330 Antepartal Care for Nurse-Midwifery (3 credit hours)
NURS 331 Nurse-Midwifery Practicum I (2 credit hours)
NURS 363C Practicum in Primary Health Care of the Adult (2 credit hours)
NURS 399A Scientific Underpinnings for Advanced Nursing Practice (3 credit hours)

SUMMER III

- NURS 334** Skills for Nurse-Midwifery (1 credit hour)
NURS 335 Practicum in Intrapartum/Postpartum Nurse-Midwifery Care (3 credit hours)
NURS 336 Intrapartum/Postpartum Nurse-Midwifery Care (4 credit hours)
NURS 337 Practicum in Neonatal Nurse-Midwifery Care (1 credit hour)
NURS 338 Neonatal Nurse-Midwifery Care (1 credit hour)
NURS 395 Advanced Practice Nurse Role Within the U.S. Health Care Delivery System (3 credit hours)
NURS 399B Conceptualization and Integration of Evidence for Advanced Nursing Practice (3 credit hours)

FALL IV

- NURS 304B** Nurse-Midwifery Role Synthesis, Exploration, and Analysis (2 credit hours)
NURS 339 Advanced Clinical Integration Experience for Nurse-Midwifery (5 credit hours)

Nurse-Midwifery/Family Nurse Practitioner

PROGRAM DIRECTORS Mavis N. Schorn, Amy W. Bull
For listing of faculty for Nurse-Midwifery/Family Nurse Practitioner, see both Nurse-Midwifery and Family Nurse Practitioner.

THIS program is an option of the Nurse-Midwifery Specialty. As a result of the Nurse-Midwifery specialty courses, students are prepared to manage the obstetric and primary health needs of women across the lifespan as well as those of normal newborn infants. Following completion of the nurse-midwifery program, students enroll in select, prescribed Family Nurse Practitioner courses. Emphasis is on expansion of the knowledge and skills required in the management of

a family-centered approach to health promotion, risk reduction, and intervention in illness. Through the combination of Nurse-Midwifery and Family Nurse-Practitioner specialties, the Family Nurse-Midwife graduates are prepared as an advanced practice nurse and midwife to deliver comprehensive primary care to individuals from preconception through adulthood.

Graduates are eligible to take the American Midwifery Certification Board (AMCB) exam and the American Nurses Credentialing Center (ANCC) or the American Academy of Nurse Practitioners (AANP) Family Nurse Practitioner certification examination. The Nurse-Midwifery Program is accredited by the Accreditation Commission for Midwifery Education (formerly ACNM Division of Accreditation). For information: 8403 Colesville Road, Suite 1550, Silver Spring, MD 20910-6374; phone: 240-485-1800; fax: 240-485-1818; Web: www.midwife.org.

Specialty Courses

Nurse-Midwifery/Family Nurse Practitioner

FALL I

- NURS 305A** Advanced Health Assessment and Clinical Reasoning (3 credit hours)
NURS 305B Advanced Health Assessment Applications for Nurse-Midwifery (1 credit hour)
NURS 306B Reproductive Anatomy and Physiology (2 credit hours)
NURS 308 Pathophysiologic Concepts (3 credit hours)
NURS 327A Women's Health for Advanced Practice Nursing I (3 credit hours)
NURS 333 Evolution of Midwifery in America (2 credit hours)

SPRING II

- NURS 307** Advanced Pharmacotherapeutics (3 credit hours)
NURS 309A Advanced Practice Nursing in Primary Care of the Adult (3 credit hours)
NURS 330 Antepartal Care for Nurse-Midwifery (3 credit hours)
NURS 331 Nurse-Midwifery Practicum I (2 credit hours)
NURS 363C Practicum in Primary Health Care of the Adult (2 credit hours)
NURS 399A Scientific Underpinnings for Advanced Nursing Practice (3 credit hours)

SUMMER III

- NURS 334** Skills for Nurse-Midwifery (1 credit hour)
NURS 335 Practicum in Intrapartum/Postpartum Nurse-Midwifery Care (3 credit hours)
NURS 336 Intrapartum/Postpartum Nurse-Midwifery Care (4 credit hours)
NURS 337 Practicum in Neonatal Nurse-Midwifery (1 credit hour)
NURS 338 Neonatal Nurse-Midwifery Care (1 credit hour)
NURS 395 Advanced Practice Nurse Role Within the U.S. Health Care Delivery System (3 credit hours)
NURS 399B Conceptualization and Integration of Evidence for Advanced Nursing Practice (3 credit hours)

FALL IV

- NURS 304B** Nurse-Midwifery Role Synthesis, Exploration, and Analysis (2 credit hours)
NURS 309D Advanced Practice Nursing in Primary Care of the Elderly (1 credit hour)
NURS 339 Advanced Clinical Integration Experience for Nurse-Midwifery (5 credit hours)

SPRING V

- NURS 309B** Advanced Practice Nursing in Primary Care of the Child (2 credit hours)
NURS 309C Advanced Practice Nursing in Primary Care of the Adolescent (1 credit hour)
NURS 361A The Context of Primary Care: FNP Domains and Core Competencies for Practice (3 credit hours)
NURS 362 Practicum in Primary Health Care of the Child and Adolescent (2 credit hours)
NURS 364 Family Nurse Practitioner Preceptorship (4 credit hours)

Nursing Informatics

PROGRAM DIRECTOR Patricia Trangenstein
 PROFESSORS Jeff Gordon, Patricia Trangenstein, Elizabeth Weiner
 CLINICAL/ADJUNCT PROFESSORS Nancy M. Lorenzi, Deborah Ariosto
 ADJUNCT INSTRUCTOR Jane Englebright

THE Nursing Informatics program at Vanderbilt prepares advanced practice nurses to serve the profession of nursing by supporting the information processing needs of patient care and management. Nursing informatics is the specialty that integrates nursing science, computer science, and information science in identifying, collecting, processing, and managing

data, information, and knowledge to support nursing practice, administration, education, and research. Graduates of this program are known as informatics nurse specialists, recognizing that the person is both a nurse and an informaticist. The informatics nurse specialist is one of the specialties recognized by the American Nurses Credentialing Center with certification via computer-based testing.

As with all nursing specialties, students are required to take the 9 hours of nursing core courses currently prescribed by the faculty. Other core courses are essential in the preparation for more in-depth study in a focus area of concentration. These major core courses present the basics of the informatics area, with cross discipline fertilization from Biomedical Informatics.

Specialty Courses

Nursing Informatics

FALL I

- NURS 381A** Introduction to Health Informatics (3 credit hours)
NURS 381B Networks and Internet Applications for Health Care Professionals (2 credit hours)
NURS 381C Web Development for Health Care Applications (3 credit hours)
NURS 381D Desktop Maintenance (1 credit hour)*
NURS 383B Continuous Quality Improvement and Outcomes Measurement (2 credit hours)
NURS 385A Health Care Financial Management (3 credit hours)

SPRING II

- NURS 381E** Database Design for Health Care Applications (2 credit hours)
NURS 381G Consumer Health Care Informatics (2 credit hours)
NURS 392A Informatics of Clinical Practice (3 credit hours)
NURS 392B Clinical Informatics Practicum I (2 credit hours)
NURS 399A Scientific Underpinnings for Advanced Nursing Practice (3 credit hours)

SUMMER III

- NURS 381W** Project Management (3 credit hours)
NURS 392C Informatics of Evidence-Based Practice (3 credit hours)
NURS 392D Clinical Informatics Practicum II (2 credit hours)
NURS 395 Advanced Practice Nurse Role Within the U.S. Health Care Delivery System (3 credit hours)
NURS 399B Conceptualization and Integration of Evidence for Advanced Nursing Practice (3 credit hours)

* This course is pass/fail only.

Pediatric Nurse Practitioner

Primary Care and Acute Care Tracks

PROGRAM DIRECTOR, PRIMARY CARE Terry Witherington
 PROGRAM DIRECTOR, ACUTE CARE Sheree Allen
 PROFESSOR Mary Jo Gilmer
 CLINICAL/ADJUNCT PROFESSORS John W. Greene, John A. Phillips III, Churku M. Reddy
 RESEARCH PROFESSOR Patricia C. Temple
 CLINICAL/ADJUNCT ASSOCIATE PROFESSORS Ovidio B. Bermudez, Gerald B. Hickson, Brahm Parsh
 CLINICAL/ADJUNCT ASSISTANT PROFESSORS Anne Marie Flores, Joseph Gigante, Irving Newman, Terrell Smith
 INSTRUCTORS Sheree Allen, Carl Anderson, Margaret S. Anderson, Carly M. Bhave, Kristin C. Campbell, Priya B. Champaneria, Susan P. Conrad, Beverly M. Cotton, Cynthia Y. Driskill, Amy M. Edwards, Heather Flynn, Amy J. Gann, Tempie M. Harris, Stacy L. Hawkins,

Mary Jessee, Erika L. Kreitels, Lani Liehr, Carol D. Moore, Brittany H. Nelson, LaTeesa Posey-Edwards, Agnes Read, Stephanie M. Spence, Patsy C. Trimble, Laura S. Winslow, Terry Witherington, Sarah Wray
 CLINICAL/ADJUNCT INSTRUCTORS Kathleen C. Byington, Priscilla Condon, Kathryn Green, John W. Greene, James R. Hanley, Lisa K. Hoehn, Ann M. Johnson, Diane Lee-Smith, Timothy C. Mangrum, Jonna R. McCracken, Lee Anne O'Brien, Kimberly L. Ray, Sue Ross, Tena A. Simmons, John C. Taylor, Jerome W. Thompson, Crystal Vernon, Kenneth N. Wyatt
 LECTURERS Karen T. Jenks, Jennifer Nelson, Emily Ann Pope

THE Pediatric Nurse Practitioner (PNP) specialty is designed to prepare advanced practice nurses to provide care for children from birth to twenty-one years of age, and in special situations, to individuals older than the age of twenty-one in a variety of pediatric settings. Students have the option of choosing one of two tracks: the Pediatric Nurse Practitioner, Primary Care (PNP-PC) track or the Pediatric Nurse Practitioner, Acute Care (PNP-AC) track.

The Pediatric Nurse Practitioner Primary Care track provides a broad theoretical and research foundation in advanced concepts of parent, child, and adolescent nursing. Clinical experiences occur across a variety of settings and focus on providing primary care to children of all ages. This track is available for students with or without a nursing background. A post-masters option is available, and an individualized program of study will be developed based on the student's transcript and courses needed to qualify for the Pediatric Nurse Practitioner Primary Care Certification exam.

The Pediatric Nurse Practitioner, Acute Care (PNP-AC) track is designed to prepare pediatric nurse practitioners to provide care for acutely, critically, and chronically ill children and their families. Clinical experiences are arranged across

a variety of inpatient hospital settings and include pediatric intensive care units, emergency departments, and sub-specialty clinics. Primary Care Pediatric Nurse Practitioners working in an acute care setting who are interested in meeting the qualifications for the PNP-AC Certification exam are encouraged to apply for the post-master's curriculum in this specialty track, which can be completed in two semesters of part-time study. This track is available for R.N.'s who have a minimum of one year of acute care experience with children. A post-master's option is available and an individualized curriculum will be developed, based on courses that will transfer and what is required for pediatric nurse practitioner acute care certification.

Specialty Courses

Pediatric Nurse Practitioner—Primary Care Focus

FALL I

- NURS 305D** Advanced Health Assessment in Family-Centered Pediatric Practice (2 credit hours)
NURS 305E Advanced Health Assessment Applications for the Primary Care Pediatric Nurse Practitioner (1 credit hour)
NURS 308 Pathophysiologic Concepts (3 credit hours)
NURS 311 Health Promotion of Behavior Development: Birth through Adolescence (3 credit hours)
NURS 312A Advanced Practice Nursing in Pediatric Primary Care, part I (3 credit hours)

SPRING II

- NURS 307E** Advanced Pharmacotherapeutics in Pediatrics (3 credit hours)
NURS 312B Advanced Practice Nursing in Pediatric Primary Care, part II (4 credit hours)
NURS 314A Practicum in Primary Health Care of Children (4 credit hours)
NURS 399A Scientific Underpinnings for Advanced Nursing Practice (3 credit hours)

SUMMER III

- NURS 313** Current Issues in the Delivery of Advanced Pediatric Care (3 credit hours)
NURS 314B Advanced Pediatric Primary Care Preceptorship (5 credit hours)
NURS 395 Advanced Practice Nurse Role within the U.S. Health Care Delivery System (3 credit hours)
NURS 399B Conceptualization and Integration of Evidence for Advanced Nursing Practice (3 credit hours)

Pediatric Nurse Practitioner—Acute Care Focus

FALL I

- NURS 305D** Advanced Health Assessment in Family-Centered Pediatric Practice (2 credit hours)
NURS 305G Advanced Health Assessment Applications for the Acute Care Pediatric Nurse Practitioner (1 credit hour)
NURS 308 Pathophysiologic Concepts (3 credit hours)
NURS 311 Health Promotion of Behavior Development: Birth through Adolescence (3 credit hours)
NURS 312A Advanced Practice Nursing in Pediatric Primary Care, part I (3 credit hours)

SPRING II

- NURS 307E** Advanced Pharmacotherapeutics in Pediatrics (3 credit hours)
NURS 312C Advanced Practice Nursing in Pediatric Acute Care, part I (3 credit hours)
NURS 314C Practicum in Pediatric Acute Care (4 credit hours)
NURS 399A Scientific Underpinnings for Advanced Nursing Practice (3 credit hours)

SUMMER III

- NURS 312D** Advanced Practice Nursing in Pediatric Acute Care, part II (3 credit hours)
NURS 314D Advanced Pediatric Acute Care Preceptorship (5 credit hours)
NURS 395 Advanced Practice Nurse Role within the U.S. Health Care Delivery System (3 credit hours)
NURS 399B Conceptualization and Integration of Evidence for Advanced Nursing Practice (3 credit hours)

Psychiatric–Mental Health Nurse Practitioner (Adult and Family)

PROGRAM DIRECTOR Susan M. Adams
 PROFESSOR EMERITA Joyce K. Laben
 PROFESSORS Susan M. Adams, Vaughn G. Sinclair
 ASSOCIATE PROFESSOR Vanya Hamrin
 CLINICAL/ADJUNCT ASSOCIATE PROFESSORS Mary Fern Richie,
 Karen L. Starr
 ASSISTANT PROFESSORS Debra J. Partee, Theresa Inott, Rene Love,
 Jennifer Scroggie, Sandra S. Seidel
 CLINICAL/ADJUNCT ASSISTANT PROFESSORS Shahid Ali, Mary Beth
 Hogan, Shagufra Jabeen, Alan Lynch, Lynn McFarland, Dawn M.
 Vanderhoef, Zia Wahid
 INSTRUCTORS Rodney S. Adams, Edith E. Cloyd, Virginia S. Gerdner,
 Lisa N. Hockersmith, Ramona G. Hoehler, Michele A. Martens
 CLINICAL/ADJUNCT INSTRUCTORS Mary Jane Allen, Alice Bernet,
 Leah Garrett Bowen, Allison Brown, Deborah Bradford, Kiersten
 Brown, Molly Butler, Taylor C. Fife, Christa Henry, Adrienne W. Hollis,
 La'Wanda Jenkins, Karen T. Jenks, Donna Lynch, John J. Martens,
 Lynn McDonald, David W. McMillan, Carly McNeill, Darcy McPherson,

Melissa Ott, Katherine Petracek, Amanda L. Pendley, Mary Pihlhlips,
 April Ramage, Kenneth M. Sakauye, William David Smith, Cynthia H.
 Sneed, Jason Tallman, M. Melissa Towry, Staci R. Turner, Ellin Wade,
 Walter F. Wilson, Mary A. Woodward-Smith
 LECTURERS Jean Blackburn, Carol Groninger

THIS specialty focuses on the mental health care needs of individuals across the life-span within the context of their environment. Course content and clinical practica prepare students to use clinical judgment and critical thinking in the performance of comprehensive (physical and mental health) assessments, differential diagnoses, prescription of psychopharmacologic agents, and non-pharmacologic interventions, including case management; individual, group, and family psychotherapy; and mental health consultation/liason. Students may select clinical sites with an emphasis on child-adolescent, adult, forensic, or geriatric populations. Legal, ethical, social, cultural, financial, and policy issues that impact the delivery of mental health services and the PMHNP role are integrated throughout the curriculum.

Graduates of this program will be eligible to take the American Nurses Credentialing Center (ANCC) certification exams for either the Adult or Family Psychiatric–Mental Health Nurse Practitioner, depending on their area of clinical focus.

Specialty Courses

Psychiatric–Mental Health Nurse Practitioner (Adult and Family)

All coursework is taught across the lifespan. The tracks for Adult and Family PMHNP are differentiated by designated hours for age categories within the clinical courses. Adult PMHNP track includes adolescents thru geriatric age groups. Family PMHNP track includes pre-school children through geriatric age groups.

FALL I

- NURS 305A** Advanced Health Assessment and Clinical Reasoning (3 credit hours)
NURS 305B Advanced Health Assessment Applications for Psychiatric–Mental Health Nursing (1 credit hour)
NURS 307A Primary Care Pharmacotherapeutics for Psychiatric–Mental Health Nurse Practitioners (2 credit hours)
NURS 308 Pathophysiologic Concepts (3 credit hours)
NURS 350 Models and Theories of Psychiatric–Mental Health Nursing (2 credit hours)
NURS 351 Theoretical Foundations and Practicum in Psychiatric–Mental Health Nursing Across the Lifespan (3 credit hours)

SPRING II

- NURS 352** Neuroscience for Mental Health Practitioners (2 credit hours)
NURS 353 Psychopharmacology (2 credit hours)
NURS 354 Theoretical Foundations in Psychiatric–Mental Health Nursing with Groups and Families (2 credit hours)
NURS 356 Practicum in Psychiatric–Mental Health Nursing—Individuals, Groups, and Families (4 credit hours)
NURS 399A Scientific Underpinnings for Advanced Nursing Practice (3 credit hours)

SUMMER III

- NURS 357** Population-based Mental Health Care Across the Lifespan (3 credit hours)
NURS 358A Psychiatric–Mental Health Nurse Practitioner Preceptorship (4 credit hours)
NURS 395 Advanced Practice Nurse Role Within the U.S. Health Care Delivery System (3 credit hours)
NURS 399B Conceptualization and Integration of Evidence for Advanced Nursing Practice (3 credit hours)

Women's Health Nurse Practitioner

PROGRAM DIRECTOR Jane B. Daddario
 PROFESSOR Royanne A. Moore
 CLINICAL/ADJUNCT PROFESSOR Frank H. Boehm
 ASSOCIATE PROFESSOR Jane B. Daddario
 ASSISTANT PROFESSORS Suzanne Baird, Barry K. Jarnagin, Michele S. Salisbury
 CLINICAL/ADJUNCT ASSISTANT PROFESSOR Jo M. Kendrick
 INSTRUCTORS Alison B. Barlow, Lisa C. Fournace, Elizabeth Hall, Deborah A. Jones, Margaret Babb Kennedy, Tamara Keown, Lucy Koroma, Virginia A. Moore, Tracie R. Thibault, Laurie A. Tompkins, Penny Waugh, Tracie E. Wilder

ADJOINT INSTRUCTOR Hope B. Wood
 CLINICAL/ADJUNCT INSTRUCTORS Alison B. Barlow, Julie B. Barnes, Mary E. Dabrowiak, Dana L. DeMoss, Gregory A. Gapp, Elizabeth D. Hall, Elizabeth A. Huff, Margaret (Amy) Hull, Tamara Keown, Bryan R. Kurtz, Carol H. McCulough, William D. McIntosh, S. Houston Moran
 LECTURER Deborah A. Boling

THE Women's Health Nurse Practitioner specialty begins with the study of gynecologic, well-woman care and continues with the study of healthy childbearing women. Emphasis is on health maintenance of women throughout the life span. This program prepares students for entry level advanced practice as a Women's Health Nurse Practitioner.

Upon completion of the program, the student will be eligible to sit for the National Certification Corporation Women's Health Nurse Practitioner exam.

Specialty Courses

Women's Health Nurse Practitioner

FALL I

- NURS 305A** Advanced Health Assessment and Clinical Reasoning (3 credit hours)
NURS 305B Advanced Health Assessment Applications for the Women's Health Nurse Practitioner (1 credit hour)
NURS 307 Advanced Pharmacotherapeutics (3 credit hours)
NURS 309A Advanced Practice Nursing in Primary Care of the Adult (3 credit hours)
NURS 327A Women's Health for Advanced Practice Nursing I (3 credit hours)

SPRING II

- NURS 308** Pathophysiologic Concepts (3 credit hours)
NURS 309C Advanced Practice Nursing in Primary Care of the Adolescent (1 credit hour)
NURS 327B Women's Health for Advanced Practice Nursing II (3 credit hours)
NURS 328 Practicum in Women's Health (3 credit hours)
NURS 399A Scientific Underpinnings for Advanced Nursing Practice (3 credit hours)

SUMMER III

- NURS 326** Women's Health Issues (1 credit hour)
NURS 329 Preceptorship in Women's Health (6 credit hours)
NURS 395 Advanced Practice Nurse Role within the U.S. Health Care Delivery System (3 credit hours)
NURS 399B Conceptualization and Integration of Evidence for Advanced Nursing Practice (3 credit hours)

M.S.N. Program for B.S.N. Certificate-Prepared Women's Health Nurse Practitioners Who Live at a Distance

FALL I

- NURS 305A** Advanced Health Assessment and Clinical Reasoning (3 credit hours)
NURS 305B Advanced Health Assessment Applications for the Women's Health Nurse Practitioner (1 credit hour)
NURS 307 Advanced Pharmacotherapeutics (3 credit hours)
NURS 309A Advanced Practice Nursing in Primary Care of the Adult (3 credit hours)
NURS 327A Women's Health for Advanced Practice Nursing I (3 credit hours)

SPRING II

- NURS 308** Pathophysiologic Concepts (3 credit hours)
NURS 309C Advanced Practice Nursing in Primary Care of the Adolescent (1 credit hour)
NURS 309D Advanced Practice Nursing in Primary Care of the Elderly (1 credit hour)
NURS 327B Women's Health for Advanced Practice Nursing II (3 credit hours)
NURS 328 Practicum in Women's Health (3 credit hours)
NURS 399A Scientific Underpinnings for Advanced Nursing Practice (3 credit hours)

SUMMER III

- NURS 326** Women's Health Issues (1 credit hour)
NURS 329 Preceptorship in Women's Health (6 credit hours)
NURS 395 Advanced Practice Nurse Role within the U.S. Health Care Delivery System (3 credit hours)
NURS 399B Conceptualization and Integration of Evidence for Advanced Nursing Practice (3 credit hours)

Women's Health Nurse Practitioner/ Adult Nurse Practitioner

The Women's Health Nurse Practitioner/Adult Nurse Practitioner program applies only to students who were admitted to the program in the fall of 2010 and to part-time, direct-entry or post-master's students who entered either in fall of 2010 or fall of 2011.

PROGRAM DIRECTORS Jane B. Daddario, Leslie W. Hopkins

For listing of faculty for Women's Health Nurse Practitioner/Adult Health Nurse Practitioner, see both Women's Health Nurse Practitioner and Adult Nurse Practitioner.

THE Women's Health Nurse Practitioner (WHNP)/Adult Nurse Practitioner (ANP) Dual Focus Program is an exciting opportunity for individuals to gain dual certification in both specialties so they can meet the unique health care needs of women as well as primary health care needs of all adults as they pass from adolescence through the advanced years.

The WHNP/ANP program addresses a range of women's health issues, including normal pregnancy, prenatal management, well-woman health care and menopause. In addition, it provides a broad foundation in adult primary care with a

significant emphasis on disease prevention and health promotion. Students gain an understanding of health care delivery systems in this country. They gain the knowledge and skills necessary to assess, diagnose and manage common acute and chronic health problems of adults, including the unique aspects related to women's health. In addition, they will be prepared to educate and counsel patients on health maintenance and disease prevention.

Students will learn from a group of professional faculty members who combine classroom instruction with hands-on clinical experience. Graduates of this program have the opportunity to gain dual certification as a Women's Health Nurse Practitioner through the National Certification Corporation (NCC) and an Adult Nurse Practitioner through the American Nurses Credentialing Center (ANCC). As advanced practice nurses, they can practice in various health care settings, including collaborative physician internal medicine and women's health practices, women's health clinics, and hospitals.

Nurse practitioners who are currently certified as Women's Health Nurse Practitioners and who wish to return for a post master's option in the Adult Nurse Practitioner program may submit an educational portfolio for review and determination of additional required course work.

The WHNP/ANP program requires an additional semester of full-time course work. The length of the specialty year is four full-time semesters.

Specialty Courses

Women's Health Nurse Practitioner/Adult Nurse Practitioner

FALL I

- NURS 305A** Advanced Health Assessment and Clinical Reasoning (3 credit hours)
- NURS 305B** Advanced Health Assessment Applications for the Women's Health Nurse Practitioner (1 credit hour)
- NURS 308** Pathophysiologic Concepts (3 credit hours)
- NURS 309A** Advanced Practice Nursing in Primary Care of the Adult (3 credit hours)
- NURS 309D** Advanced Practice Nursing in Primary Care of the Elderly (1 credit hour)
- NURS 327A** Women's Health for Advanced Practice Nursing I (3 credit hours)

SPRING II

- NURS 307** Advanced Pharmacotherapeutics (3 credit hours)
- NURS 309C** Advanced Practice Nursing in Primary Care of the Adolescent (1 credit hour)
- NURS 327B** Women's Health for Advanced Practice Nursing II (3 credit hours)
- NURS 328** Practicum in Women's Health (3 credit hours)
- NURS 399A** Scientific Underpinnings for Advanced Nursing Practice (3 credit hours)

SUMMER III

- NURS 326** Women's Health Issues (1 credit hour)
- NURS 329** Preceptorship in Women's Health (6 credit hours)
- NURS 395** Advanced Practice Nurse Role within the U.S. Health Care Delivery System (3 credit hours)
- NURS 399B** Conceptualization and Integration of Evidence for Advanced Nursing Practice (3 credit hours)

FALL IV

- NURS 363B** Practicum in Primary Care of the Adult for the ANP (3 credit hours)
- NURS 365** Adult Nurse Practitioner Preceptorship (3 credit hours)

Post-Master's Certificate in Urogynecology

This program is proposed for fall 2011.

PROGRAM DIRECTOR Jane B. Daddario
PROGRAM COORDINATORS Vanessa Hardy and Amy Hull

THE urogynecology certificate program focuses on the bladder, bowel, and pelvic floor problems in women including continence, pelvic organ prolapse, pelvic pain, and elimination disorders. Pelvic floor issues can impact quality of life for women of all ages, and nurse practitioners with urogynecologic training improve quality of life in their patients.

In this focus area, the student evaluates and manages female patients ages 12 and above who have pelvic floor dysfunction. The student utilizes advanced diagnostic testing, such as urodynamics, to assess continence and barriers to pelvic health. The

nurse practitioner specializing in urogynecology will provide care both independently and as part of a professional health care team across very diverse settings. Common skills for urogynecology nurse practitioners include pelvic floor muscle evaluation and therapy, pessary fitting, urodynamic testing, interstim sacral nerve stimulation programming and intravesical therapy.

Although it is preferable that applicants to this program be Women's Health Nurse Practitioners, others who are interested in the urogynecology program of study may apply. Recommendations for program length and additional coursework needed will be made on a case-by-case basis after faculty review of the applicant's portfolio.

The program requires participation in a three-hour didactic course, a two-hour skills lab, and a four-hour preceptorship. Preceptorship will include a variety of clinical situations, such as reconstructive surgery observation, pelvic floor physical therapy, sexual dysfunction clinic, urodynamics, and pelvic floor clinics. The Urogynecology Post-Masters Certificate program requires completion of the following courses:

- NURS 332A** Urogynecology for the Advanced Practice Nurse (3 semester hours—didactic)
- NURS 332B** Advanced Practice Urogynecology Skills (2 semester hours—lab)
- NURS 332C** Preceptorship in Urogynecology (4 semester hours—clinical)

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Joint M.S.N./M.T.S. and M.S.N./M.Div. Programs

The M.S.N./M.T.S. and M.S.N./M.Div. degrees represent the master of science in nursing, the master of theological studies, and the master of divinity. These joint degrees provide the potential to attract outstanding students to both schools and will benefit both schools, encouraging interdisciplinary work and intra-school collaboration.

Students will apply to each school separately and must be accepted by both to pursue the joint degree. Ideally, students will apply for joint degree status prior to enrolling in either program. Each school will receive student tuition and provide financial aid, if any, during those semesters in which the student is registered for courses in the respective school.

M.S.N./M.T.S. Degrees

The M.S.N./M.T.S. program can usually be completed in three years (see below) for students with a prior B.S.N. and four years for students requiring the V.U.S.N. pre-specialty year. A student must be registered as a full-time student in the Divinity School for at least three semesters and in the School of Nursing for at least three semesters. A student will complete 51 hours for the M.T.S. and at least 39 hours for the M.S.N. (with an additional year's work for those requiring the pre-specialty year). Nine (9) elective hours from the total 51 M.T.S. program (Divinity hours) will be from the School of Nursing. Zero to 6 hours from the total M.S.N. program (School of Nursing hours) will be from the Divinity School, with hours varying depending on the student's major area of specialty. If the student elects to participate in field education experiences, students may be able to share V.U.S.N. Clinical Preceptorship requirements. Any awarding of joint credit will require approval of both V.D.S. Field Education and V.U.S.N. Clinical Preceptorship programs.

For R.N. and Non-R.N. Pre-Specialty Students

Year One: V.U.S.N. Pre-Specialty Year
Year Two: V.D.S.
Year Three: V.U.S.N. Specialty Year
Year Four: V.D.S.

For Direct Entries to V.U.S.N. (Students with a B.S.N. degree)

Year One: V.D.S.
Year Two: V.U.S.N. Specialty Year
Year Three: V.D.S.

M.S.N./M.Div. Degrees

The M.S.N./M.Div. program can usually be completed in four years for students with a prior B.S.N. and five for students requiring the V.U.S.N. Pre-Specialty Year (see below). A student must be registered as a full time student in the Divinity School for at least five semesters and in the School of Nursing for at least three semesters. A student will complete 84 hours for the M.Div. and a minimum of 39 hours for the M.S.N. (with an additional year's work for those requiring the pre-specialty year). Twelve (12) elective hours from the total 84 M.Div. program (Divinity hours) will be from the School of Nursing. Zero to 6 hours from the M.S.N. program (School of Nursing hours) will be from the Divinity School, with hours varying depending on the student's major area of specialty. Under certain circumstances, students may be able to share V.U.S.N. and V.D.S. credit for V.D.S. Field Education requirements and V.U.S.N. Clinical Preceptorship requirements.

For R.N. and Non-R.N. Pre-Specialty Students

Year One: V.U.S.N. Pre-Specialty Year
Year Two: V.D.S.
Year Three: V.U.S.N. Specialty Year
Year Four: V.D.S.
Year Five: V.D.S.

For Direct Entries to V.U.S.N. (Students with a B.S.N. degree)

Year One: V.D.S.
Year Two: V.U.S.N. Specialty Year
Year Three: V.D.S.
Year Four: V.D.S.

Students accepted to dual degree status should arrange an appointment with the advisors from both schools as soon as possible to develop a comprehensive plan of studies.

Curriculum Planning

Individual curriculum plans for joint degree students will be planned by the student's advisers from both schools in view of the student's goals, background, academic accomplishments, and program/degree choices. Such a curriculum plan will detail full- or part-time status, the school to be attended each year or semester, clinical and field education plans, electives, and courses to be shared by both programs. Such a plan is subject to revision as the student better defines his/her professional and vocational aspirations.

Academic Regulations

The Honor System

Vanderbilt students are bound by the Honor System inaugurated in 1875 when the university opened its doors. Fundamental responsibility for the preservation of the system inevitably falls on the individual student. It is assumed that students will demand of themselves and their fellow students complete respect for the Honor System. All work submitted as a part of course requirements is presumed to be the product of the student submitting it unless credit is given by the student in the manner prescribed by the course instructor. Cheating, plagiarizing, or otherwise falsifying results of study are specifically prohibited under the Honor System. The system applies not only to examinations, but also to written work and clinical practice requirements submitted to instructors. The student, by registration, acknowledges the authority of the Honor Council of the Vanderbilt University School of Nursing.

Students are expected to become familiar with the Vanderbilt University *Student Handbook* and the School of Nursing *Student Handbook* (online at www.vanderbilt.edu/student_handbook/ and www.nursing.vanderbilt.edu/current/handbook.pdf), available at the time of registration, which contain the constitution and bylaws of the Honor Council and sections on the Nursing Student Conduct Council, Appellate Review Board, and related regulations.

Nursing Honor Council

The Honor Council is an organization that seeks to preserve the integrity of the Honor Code. The membership consists of student representatives from the D.N.P. program and specialty and pre-specialty levels of the M.S.N. program. Representatives serve for one year from September through August. Officers of the council must be students in good standing. Alternates are elected to serve in the absence of representatives.

Nursing Student Conduct Council

The university's Nursing Student Conduct Council has original jurisdiction in all cases of non-academic misconduct involving graduate and professional students.

Core Performance Standards

Essential eligibility requirements for participation and completion by students in the Nursing Program include the following core performance standards:

1. *Intellectual*: Ability to learn, think critically, analyze, assess, solve problems, and attain clinical and academic judgment.
2. *Interpersonal*: Interpersonal ability sufficient to appropriately interact with individuals, families, and groups from a variety of social, emotional, cultural, and intellectual backgrounds.
3. *Communication*: Ability to speak and write with accuracy, clarity and efficiency in English and in computer assisted formats.
4. *Mobility*: Physical abilities sufficient to move from room to room and maneuver in small spaces.
5. *Motor skills*: Gross and fine motor abilities sufficient to provide therapeutic nursing interventions that are safe and effective and that maintain safety and security standards.
6. *Hearing*: Auditory ability sufficient to monitor, assess and respond to health needs.
7. *Visual*: Visual ability sufficient to distinguish colors, monitor, assess, and respond to health needs.
8. *Tactile*: Tactile ability sufficient to monitor, assess, and respond to health needs.
9. *Olfactory*: Olfactory ability to monitor, assess, and respond to health needs.
10. *Judgmental*: Mental and physical ability to demonstrate good judgment in decision-making in order to maintain safety and security of patients and to behave appropriately with patients, staff, students, supervisors and faculty.
11. *Affective*: Emotional stability and the capacity to be accountable and to accept responsibility.

All students enrolled in the M.S.N. or post-master's program must satisfactorily demonstrate these competencies in the didactic, laboratory, seminar, and clinical courses throughout their program of study.

Orientation

A required orientation program is held each fall prior to the registration period to acquaint new and continuing students with the school environment. The senior associate dean may call additional class meetings throughout the year as needed.

Orientation for new students is provided in the semester in which the student is first enrolled. For more information, visit www.nursing.vanderbilt.edu/newstudents/newstudents.html

Registration

Upon acceptance, students must complete a background check through Certified Background using the code provided below. Students accepted to a Pre-Specialty, M.S.N. or Post-Master's Certificate program are required to complete the new student immunization/certification requirements outlined below. Ph.D., D.N.P. or Health Systems Management program students may be asked to complete the immunization/certification requirements depending upon the nature of their clinical situation. Special students who are only enrolled in one course and are not seeking a degree from the School of Nursing are not required to complete a background check or the new student requirements unless they apply and are admitted to VUSN.

Complete the following once you are accepted as a VUSN student. (Please note: If you fail to provide documentation of requirements, you will not be allowed to begin/continue clinical course work and/or register for additional courses.) **VUSN requires that all nursing students have proof of health and safety requirements throughout their enrollment.**

1. **Background check** and submitting requirements:
 - a. Go to www.CertifiedBackground.com and click on "Students."
 - b. In the Package Code box, Pre-Specialty, M.S.N. and Post-Master's Certificate students enter package code **VA14bgt** (Ph.D., D.N.P. and Health Systems Management students enter package code VA14bc)
 - c. Enter your payment information—Visa, MasterCard (credit or debit), or money order mailed to Certified Background (NOTE: There is a processing fee of \$10 for this service). Follow the online instructions to complete your order.

*Vanderbilt School of Nursing negotiated a special student rate which includes the student tracker.

After completing the background check, Pre-Specialty, M.S.N. and Post-Master's Certificate students will be directed to the Student Tracker website <http://magnushealthportal.com/> to provide documentation of requirements listed below. Options are to email, scan, fax, or mail all required documentation (information provided on website).

VUSN forms available at <http://www.nursing.vanderbilt.edu/clinicalplacement/newstudents.html>

2. **Physical exam** within six months of enrollment (1st semester) into the program, authenticated by an M.D. or NP, documenting evidence of good physical and mental health. Use the Health Questionnaire form.
3. **Measles, Mumps, Rubella:** Documentation of two (2) MMR vaccines **OR** lab evidence of immunity (positive titers) for measles (rubeola), mumps, and rubella
4. **Varicella:** Documentation of two varicella vaccines given 28 days apart **OR** lab evidence of varicella immunity (positive titer)
5. **Hepatitis B:** Proof of immunity (positive surface antibodies 10 or greater). Students who have not completed the 3-part series **OR** those who decline to receive the immunization **must** sign the Hepatitis B Waiver.
6. **Tetanus–Diphtheria–Pertussis (Tdap):** Documentation of vaccination within last ten years
7. Initial two-step **tuberculin skin test:** The second TB skin test injection must be placed within 1–3 weeks of the first. Both should be read at the appropriate times.
 - If both two-step TB results are negative, repeat 1-step TB annually.
 - If positive, medical evaluation and documentation of a clear chest x-ray within one year of admission to VUSN and annual completion of the Annual Past-Positive TB Screening Form confirming the absence of symptoms by an M.D. or NP. If there is evidence of a positive chest x-ray and/or symptoms of TB, please follow-up for medical evaluation.
8. **Influenza:** 1 dose of TIV (trivalent) or LAIV (live attenuated) annual vaccination is highly recommended. *Please note:* Many clinical agencies are requiring evidence of annual vaccination or the wearing of a mask during flu season.
9. Current **health insurance** coverage either through the university insurance plan or by another policy. For more information on student health insurance, visit www.vanderbilt.edu/student_health/student-health-insurance. Health insurance is required of all students by Vanderbilt University. Clinical sites also require that you have health insurance to cover any illness or injury that you may incur during your clinical training experience.
10. Current **CPR certification** for adult, child, and infant (Vanderbilt accepts only American Heart Association [AHA] BLS for the Healthcare Provider cards). See Clinical Placement webpage for a list of AHA CPR training providers in Middle Tennessee.
11. Copy of an unencumbered **Registered Nurse's license** in the state(s) where you will be doing clinical training (if applicable). Refer to <https://www.ncsbn.org/nlc.htm> for more information on compact licensure. In addition, D.N.P. students must have Advance Practice Registered Nurse (APRN) designation in their home state or equivalent and national board certification in their area of specialty as appropriate.
12. **HIPAA and OSHA Safety Training** through the Tennessee Clinical Placement System (TCPS) <http://tcps-tn.org/>, general orientation training. A user name and password is sent

to your Vanderbilt email account in mid-August as a reminder to complete this **annual training**. You will be notified if additional training is required for your particular clinical site.

Students should be aware that some clinical sites may require additional immunizations and/or blood titers, drug screening, or additional criminal background checks. The immunizations and titers can be done at Student Health (www.vanderbilt.edu/student_health/) once enrolled. If you plan to use Student Health, please call to schedule an appointment at (615) 322-2427; take a copy of your health questionnaire and any required documentation with you. Students will be responsible for all charges incurred.

Any VUSN student that completed a background check through Certified Background but had a break in enrollment, including a deferral or leave of absence, must run a new background check through Certified Background, using package code VA14bc, upon return.

The School of Nursing requires continuous registration of all degree candidates. Responsibility to maintain registration rests with the student. To retain student status, the student must register each fall, spring, and summer semester or secure an approved leave of absence. Students who are registered for zero hours in order to satisfy requirements for an incomplete grade are considered degree candidates. Students registering for zero hours or only completing an incomplete grade are charged one-half credit hour tuition. All students seeking the M.S.N. degree must take a minimum of 6 semester hours each semester unless enrolled in the preapproved, three-year part-time program of studies for nurses employed by the Vanderbilt University Medical Center. Post-master's certificate students continue to be allowed to take three or more hours each semester in an approved, planned program of studies. Special students are an exception; by virtue of their non-matriculated status, they are eligible to take a maximum of 7 semester hours. Other exceptions may be requested by written petition to the chair of the Student Admissions and Academic Affairs Committee.

Accidents / Injury / Illnesses

Students are responsible for the costs of tests, treatment, and follow-up care for any accidents, injury, or illnesses that occur while enrolled as students at Vanderbilt University School of Nursing. Students are not entitled to worker's compensation benefits.

Calendar

The official calendar of the School of Nursing is printed at the front of this catalog and in the VUSN *Student Handbook*. These publications are available in August of each year online through the VUSN website at www.vanderbilt.edu/catalogs/nursing/ and www.nursing.vanderbilt.edu/current/handbook.pdf.

In the R.N. pre-specialty year and in selected specialties, course content is taught in a modified learning (block) format via the following: (1) courses offered in concentrated blocks of time on campus including weekends up to four times per semester, (2) online conferencing, and (3) digital video and distributed-learning methods that allow for continued faculty contact between sessions. Block schedules are available on the VUSN website prior to each semester at www.nursing.vanderbilt.edu/current/current.html — then search under Academic Support Services by semester. Students are expected to be familiar with these dates and to conform to them. The *Vanderbilt View* and the *VUMC Reporter*, issued by the Division of

Public Affairs, contain notices of all events and announcements pertaining to the university and medical center communities. My VU is an online service that includes a calendar of events as well as articles of interest. It is the responsibility of the student to keep informed of any event or announcement applicable to the School of Nursing. Failure to know of an officially required event is not an excuse for non-attendance.

Faculty Advisers

Each student will be assigned a faculty adviser who will assist with planning a program of studies and help solve academic problems. The complete program should be approved within the first semester of enrollment. The assistant dean for enrollment management serves as adviser to special students.

Program of Studies

During the first semester of study, all students must file an approved program of studies with the faculty adviser. When a change in program is desired, the student must request a change in specialty through the VUSN Registrar after conferring with both program directors and submitting an updated statement of career goals and a letter of reference from a clinical instructor. Change in specialty requests must be submitted by May 1 prior to the specialty year.

When an absence from the school for one or more semesters is anticipated, the student must submit a Request for Leave of Absence form through the student's faculty adviser and forward it to the Registrar for official processing.

Part-time students must follow the planned part-time program of study. Students taking a leave of absence may be unable to take clinical courses in their planned sequence.

Students who wish to alter the required program of studies or change their status from full time to part time, or vice versa, may petition to do so by giving justification for the request and proposing an alternative program of study, which must be approved by the academic adviser, program director, and senior associate dean. Forms for this purpose are online at the VUSN website.

Students who are on academic probation and who wish to alter their program of study must have the proposed program reviewed by the Student Admissions and Academic Affairs Committee.

Change of Course

Dropping a Course. The first five class days of the semester are allocated for necessary changes of course.

Courses may be dropped without entry in the final record within two weeks of the first day of classes. Courses may be dropped only after consultation with the student's adviser and the course instructor. Dropping a course may affect the sequencing of the program of study and may change the student's expected date of completion of course work.

Withdrawing from a Course. Students may withdraw from courses and receive the grade *W* (withdrawal) according to the date published in the University Calendar for each semester. If the course in question is a nursing course, the student will receive the grade *W* (withdrawal) if less than half of the course has elapsed. Students may not withdraw from a course after the published date in the University Calendar or after the course is half completed, except under extenuating circumstances. If the course is taken outside the School of Nursing, grade regulations of the appropriate school will apply. A student must be in good academic standing to be eligible to withdraw from a course.

Audit Courses

Students may wish to audit courses in the School of Nursing for which they will receive no credit. Auditing courses requires registration and payment of tuition and is subject to the following conditions:

1. Consent of the instructor must be obtained.
2. The instructor sets the conditions under which a course may be audited. Failure to meet those conditions is justification for withdrawal of the audit designation.
3. Audits carry no credit.

Pass/Fail Courses

Only elective courses may be taken Pass/Fail. Grades of *C* or above are recorded as Pass.

The grade Pass is not counted toward grade point averages. The grade of *F* applies as in any other course; although an *F* earns zero hours, the hours attempted are counted in calculating the grade point average. A student who has a choice about taking a course for a grade or Pass/Fail may register on a Pass/Fail basis or may change to Pass/Fail basis within one month of the first day of classes. After this time, one may change from a Pass/Fail to a letter grade basis according to the dates published in the university calendar, but not vice-versa.

Class Attendance

At the beginning of the semester the instructor will explain expectations for attendance and participation for a course and their influence on the evaluation process. It is expected that students will attend all nursing classes, laboratory sessions, clinical experiences, and any online class sessions. In the event of illness, a note from the supervising physician may be requested. A student who has been treated at the Student Health Center for a serious illness or injury may give the Student Health Center permission to notify the academic dean of the illness or injury.

Inclement Weather Policy

1. The decision to delay or cancel evening or weekend classes or clinicals will be made by the faculty member responsible. The faculty will communicate with students in one of the following manners: voice mail message left on the faculty member's phone; email to students via Blackboard; phone tree system; hotline or personal phone call to each student by the faculty member. The faculty member is also responsible for notifying the academic dean, Linda Norman, and the director of student affairs, Sarah Ramsey.
2. Canceled classes will be rescheduled at the discretion of the faculty for each course.
3. Instructions regarding the cancellation of classes will be placed on the course Blackboard site by the course coordinator.

Course Load and Credit Hours

The unit of measure of the student's work load is the semester hour. Credit hours are semester hours; e.g., a three-hour course carries credit of three semester hours. One semester credit hour represents at least three hours of academic work per week, on average, for one semester. Academic work includes, but is not necessarily limited to, lectures, laboratory work, homework, research, class readings, independent study, internships, practica, studio work, recitals, practicing, rehearsing, and recitations. Some Vanderbilt courses may have requirements which exceed

this definition. Certain courses (e.g., dissertation research, ensemble, performance instruction, and independent study) are designated as repeatable as they contain evolving or iteratively new content. These courses may be taken multiple times for credit. If a course can be repeated, the number of credits allowable per semester will be included in the course description.

The normal full-time schedule is 12 to 16 hours per semester depending upon the individual specialty program. A student who wishes to carry more than 16 hours must secure authorization from the senior associate dean before registration. Students who elect to attend the program part time must be approved for part-time study by the program director and follow the approved part-time program of study.

Examinations

Examination policies are determined by the instructor. A record of all grades given during the course and all final examinations and major papers are kept on file by the instructor for one year following the conclusion of the course.

A number of alternatives to standard in-class examinations are permitted at the instructor's discretion. These include take-home and self-scheduled examinations, oral examinations, on-line examinations, and term papers. Final examinations must be conducted during the final examination period at the end of the module or at the end of the semester.

Students are expected to take exams at the times specified in the course syllabus, and as announced by the course coordinator. Students must receive permission from the faculty prior to the scheduled exam to take the exam at a different time.

Any student more than fifteen minutes late to an in-class examination must present a satisfactory excuse. No student will be admitted after the first hour.

Grade Reports

Students receiving mid-semester deficiencies are encouraged to meet with the course instructor and their faculty adviser to identify resources available to assist in successfully completing the course.

A final grade recorded by the University Registrar may be changed only upon written request of the instructor.

Program Evaluation

Students are expected to participate in program evaluation activities while enrolled in the program and after they have left Vanderbilt. These data will be used for research purposes only. Procedures to protect individual confidentiality will be followed.

Leave of Absence

Leaves of absence are granted for a minimum of one semester or a maximum of one year. Leave of absence forms are available from the website at www.nursing.vanderbilt.edu/ under "Resources for Current Students/ Academic Support Services/ MSN/DNP forms." Students must attach a change in program form to the leave of absence form. Leaves must be approved by the academic adviser and the senior associate dean. Time spent on leave of absence is included in the total time taken to complete the degree. Since the program runs year round, students must take a leave of absence for any semester they are not in attendance. At the end of the leave of absence, the student must notify the assistant dean for enrollment management in writing of the intent to return or not to return. A student failing to register at the conclusion of the stated leave period is withdrawn from the university and must reapply for admission unless the

leave is extended by the senior associate dean. Those without authorized leave who do not register are dropped from the rolls and are not considered current students. If they wish to resume study in the School of Nursing, they must reapply for admission.

Alcohol and Controlled Substance Policy

Students are not allowed to attend class, lab, or clinical practice under the influence of alcohol or controlled substances (prescribed or not prescribed). Students suspected of using such substances will be asked to submit to voluntary breath, blood, or urine screening as a condition of progression. Additional information on student impairment is found in the Vanderbilt University *Student Handbook* on policies concerning alcohol and controlled substances. www.vanderbilt.edu/student_handbook/chapter-6-alcohol-and-controlled-substances

Clinical Placement, Practica, and Preceptorships

The Clinical Placement Department will arrange all clinical sites for students unless the placement site is outside of the Middle Tennessee region. Students during their Pre-specialty year will be placed in group clinical experiences. These group experiences may be in a hospital or community setting. Students during their Specialty year have required practica and preceptorships with individual preceptors in the community. The Clinical Placement Department will work with the students and faculty to locate practica and preceptorship sites. Students in a distance program may be completing their clinical practica and preceptorships in their hometown. Students and faculty share the responsibility for locating these clinical sites. Guidelines for selecting an appropriate site are available from each Program Director. Preceptorship sites are selected based on how they fit with the specialty and the students. Clinical sites may be located up to two hours one direction outside the Middle Tennessee area. Students are responsible for transportation and lodging. An Affiliation Agreement must be in place with all sites where a student will obtain clinical experience. This includes the practice site as well as any ancillary sites a preceptor may take the student, such as hospitals, surgery centers, nursing homes, charitable clinics, etc. A student may not go with the preceptor to a site where the school does not have an active affiliation agreement. Faculty must approve any additional sites for the student's clinical experience to ensure that the sites are necessary or appropriate to the student's clinical objectives. The number of sites and contracts will be limited per student.

All requirements for clinical placements should be completed and on file (see Registration) at the time of enrollment. Ph.D. and Health Systems Management program students may be asked to complete the immunization/certification requirements depending upon the nature of their clinical situation. Clinical preceptors and/or agencies may require a drug screening or additional criminal background check. Costs associated with these processes will be the responsibility of the student.

Transportation and Lodging

Students are responsible for their own transportation to and from all clinical facilities and field trips. Clinical sites in the specialty year are chosen for their ability to provide clinical experiences consistent with the specialty requirements and the mission of the school. Students should be prepared to travel as much as two hours each way to rural, remote, and underserved areas. Practica and preceptorships may be in out-of-state locations. Students are responsible for the cost of their travel and lodging.

Tennessee Board of Nursing Eligibility Requirements for Licensure

The Tennessee Board of Nursing is concerned about the number of individuals with criminal conviction histories who apply for licensure as registered nurses. The Board will presume that an applicant is not entitled to licensure and will therefore deny any application for initial licensure, temporary permit, or renewal following the provisions of the Administrative Procedures Act to a person who has been convicted, and on which conviction the time for appeal has expired, as an adult of any of the following crimes within five (5) years preceding said application of renewal.

Rules of the Tennessee Board of Nursing Chapter 1000-01 Rules and Regulations of Registered Nurses

Rule 1000-01-.13 (2):

- a. Aggravated Assault, as in T.C.A. 39-13-102;
- b. First degree Murder, as in T.C.A. 39-13-202;
- c. Second degree Murder, as in T.C.A. 39-13-207;
- d. Voluntary Manslaughter, as in T.C.A. 39-13-211;
- e. False Imprisonment, as in T.C.A. 39-13-302;
- f. Kidnapping, as in T.C.A. 39-1-303;
- g. Aggravated Kidnapping, as in T.C.A. 39-13-304;
- h. Especially Aggravated Kidnapping, as in T.C.A. 39-13-305;
- i. Robbery, as in T.C.A. 39-13-401;
- j. Aggravated Robbery, as in T.C.A. 39-13-402;
- k. Especially Aggravated Robbery, as in T.C.A. 39-13-403;
- l. Aggravated Rape, as in T.C.A. 39-13-502;
- m. Rape, as in T.C.A. 39-13-504;
- n. Aggravated Sexual Battery, as in T.C.A. 39-13-504;
- o. Sexual Battery, as in T.C.A. 39-13-505;
- p. Statutory Rape, as in T.C.A. 39-15-506;
- q. Theft of Property, as in T.C.A. 39-14-103 or of services, as in T.C.A. 39-14-104, except as to be a Class A misdemeanor, as in T.C.A. 39-14-105(1);
- r. Forgery, as in T.C.A. 39-14-114;
- s. Falsifying of Educational and Academic records, as in T.C.A. 39-14-136;
- t. Arson, as in T.C.A. 39-14-301;
- u. Aggravated arson, as in T.C.A. 39-14-302;
- v. Burglary, as in T.C.A. 39-14-402;
- w. Aggravated Burglary, as in T.C.A. 39-14-404;
- x. Especially Aggravated Burglary, as in T.C.A. 39-14-404;
- y. Incest, as in T.C.A. 39-15-302;
- z. Aggravated Child Abuse, as in T.C.A. 39-15-402;
- aa. Sexual Exploitation of a Minor, as in T.C.A. 39-17-1003;
- bb. Aggravated Sexual Exploitation of a Minor as in T.C.A. 39-17-1004;
- cc. Especially Aggravated Sexual Exploitation of a Minor, as in T.C.A. 39-17-100;
- dd. Assisted Suicide, as in T.C.A. 39-13-216;
- ee. Rape of a child, as in T.C.A. 39-13-522.

Rule 1000-01-.13 (3)

The Tennessee Board of Nursing will also deny an application for initial licensure, temporary permit, or renewal, following the provisions of the Administrative Procedures Act, to persons who were convicted as a juvenile of the following crimes within five (5) years preceding said application or renewal:

- a. First Degree Murder, as in T.C.A. 39-13-202;
- b. Second Degree Murder, as in T.C.A. 39-13-207;
- c. Kidnapping, as in T.C.A. 39-13-207;

- d. Aggravated Kidnapping, as in T.C.A. 29-13-304;
- e. Especially Aggravated Kidnapping, as in T.C.A. 39-13-305;
- f. Aggravated Robbery, as in T.C.A. 39-13-402;
- g. Especially Aggravated Robbery, as in T.C.A. 39-13-403;
- h. Aggravated Rape, as in T.C.A. 39-13-502;
- i. Rape, as in T.C.A. 39-13-503.

Any individual who applies for initial licensure, temporary permit, or licensure renewal and supplies false or incomplete information regarding the individual's criminal record to the Board on an application for licensure will be denied said initial licensure, temporary permit, or renewal.

The Board considers any criminal conviction, whether or not listed in Rule 1000-01-.13(2) above, to be a violation of T.C.A. 63-7-115(a)(1)(B). If an applicant or a registered nurse already licensed by the Board is convicted of any crime, it is grounds for denial of licensure or disciplinary action by the Board.

Uniform Policy

The uniform for specialty-level students varies. The faculty designates appropriate professional apparel for students taking specialty nursing courses. Students in the clinical area are expected to be well groomed at all times.

Pre-specialty students are required to have at least two uniforms and one white three-quarter-length lab coat. A navy scrub uniform and either a white scrub or a white nurse's uniform are acceptable.

Vanderbilt uses several different institutions for clinical practice, and the dress code varies for each. Some clinical situations require a white laboratory coat, street clothes (no jeans), or a hospital-provided uniform. The VUSN insignia is required to be sewn on the left sleeve of all lab coats and uniforms. The patch can be purchased at the Vanderbilt Medical Book Store.

A student identification badge, available through the School of Nursing, is always worn when the student is in the School of Nursing or the clinical area. Accessory items needed are a watch with a second hand, and a stethoscope. The only jewelry that may be worn in the clinical area are a watch, a wedding band, small earrings for pierced ears (maximum two per ear), and pins that designate professional organizations. Other visible body piercing will not be allowed in the clinical area.

Academic Standards

Good Academic Standing

Good academic standing is defined as both a semester GPA of 3.0 or higher, a cumulative GPA of 3.0 or higher, no grade below *C* in a didactic course, and no grade below *B* in a course with a clinical component.

Completion of Program

Students admitted to the M.S.N. program through the pre-specialty component must complete all pre-specialty courses within two calendar years and the specialty curriculum within three calendar years. Leaves of absence are counted in this time frame.

Students admitted to an M.S.N. specialty with a B.S.N. must complete the curriculum within three calendar years. Leaves of absence are counted in this time frame.

Grading System

Letter Grade	Numerical Points	Quality Equivalent
A+	97-100	4.0
A	93-96	4.0
A-	90-92	3.7
B+	87-89	3.3
B	83-86	3.0
B-	80-82	2.7
C+	77-79	2.3
C	73-76	2.0
C-	70-72	1.7
F	69 or below	0.0

All *F* grades are counted in the computations of grade point ratios unless the student repeats the course and earns a passing grade.

M: Missing a final examination. The designation *M* is given to a student absent from the final examination who has communicated with the instructor about the absence in advance. The grade *F* is given if the student could not have passed the course even by passing the final examination or if the instructor was not notified. The final examination must be taken at a time designated by the instructor. The grade *M* must be removed in the next semester or the grade will automatically be converted to *F*.

I: Incomplete. Students for whom an extension has been authorized receive the grade *I*, which stands until the work has been made up. The course coordinator or instructor who authorizes the extension confers with the student to establish a final time limit for completion of the missing work. Copies of the agreement are given to the student, the instructor, and the assistant dean for enrollment management of the School of Nursing. The grade *I* must be removed in the next semester or the grade will automatically be converted to *F*.

Late work. Essays, book reviews, papers, laboratory reports, etc., must be turned in no later than the last day a particular class meets or earlier if so specified by the instructor. The grade for work not done in compliance with this schedule is zero unless an extension has been granted. The student must present a petition for an extension to the course coordinator or instructor at least one day before the work is due, and the petition must be endorsed by the instructor.

Repeat Courses

Students enrolled in the M.S.N. program may repeat a course only with the permission of the Student Admissions and Academic Affairs (SAAA) Committee.

1. A course taken in the School of Nursing may not be repeated outside the school for credit toward the degree.
2. Nursing courses may be repeated only once.
Students who do not earn at least a *B* in a course with a clinical component must repeat that course.

If a student makes below the required grade (*B* for courses with a clinical component, *C* for didactic courses) in another course, the student will be dismissed. Courses taken for a letter grade may not be repeated on a Pass/Fail basis, nor may a grade indicating withdrawal or incomplete work be counted in place of a letter grade. Only the latest grade counts in calculation of the grade point average and progress toward a degree.

Core Courses

Students enrolled in the specialist nursing component are required to earn a minimum grade of *C* in the core course component (395, 399A, 399B). Students who earn *C* grades in these courses, however, must have sufficient grade points to maintain a cumulative grade point average of *B*, or a 3.0 on a 4.0 scale.

Probation

Students are expected to maintain a 3.0 grade point average **each semester**. The academic performance of students is reviewed at the end of each semester, and students who have not maintained a 3.0 grade point average are placed on academic probation. A student who is not making satisfactory progress toward the degree will be dismissed if improvement is judged to be unlikely.

A student may be placed on probation only once during the entire program of study (pre-specialty and specialty). If the student's record in another semester warrants probation, the student will be dismissed. A student who is not making satisfactory progress toward the degree may be dismissed from the School of Nursing or may be advised to go on leave of absence or withdraw. When a student is placed on or removed from probation, letters are sent to the student, the student's adviser, and the program director. When appropriate, a copy of the letter is sent to the director of the Academic Enhancement program.

If a student cannot improve his or her grade point average because the needed course cannot be repeated in the following semester, the student will be continued on probation if satisfactory completion of the course will give the student a 3.0 grade point average.

As the School of Nursing is a professional school, the faculty may, for the purposes of evaluation, render opinion on the student's total ability. A student's promotion in the program is determined by the Student Admissions and Academic Affairs Committee at the end of each semester. The committee, on the recommendation of the student's instructors, program director, and/or academic adviser, promotes only those students who have demonstrated personal, professional, and intellectual achievement consistent with faculty expectations at the student's particular stage of professional development. Students who are deficient in a major area or areas will be required to repeat course/clinical work or to complete additional efforts satisfactorily in order to remedy deficiencies. Students deficient in a major undertaking or who demonstrate marginal performance in a major portion of their work will be dismissed.

Readmission

A student who has been dismissed or has withdrawn from the program may apply to the Student Admissions and Academic Affairs Committee for readmission after an intervening period of not less than one semester. The committee will consider such cases on presentation of substantial evidence of a responsible and successful period of work or study during the intervening period. A former student having successfully completed a tour of duty in the armed forces will be classified in this category. There is no guarantee, however, that a student will be readmitted. This will depend on (a) the faculty's evaluation of the likelihood of the applicant's successful performance in succeeding work; (b) the competition of other applicants; and (c) class space available.

A student readmitted after having been advised to withdraw, or after having been suspended or dropped, is on probation during the first semester back in residence.

Progression

Most required nursing courses are sequential, and a student who fails to pass such a course cannot progress in the nursing curriculum. A student seeking a waiver of this policy must submit a written request to the Student Admissions and Academic Affairs Committee for an exception to the rule.

Students must earn a *B-* in any course with a clinical component. If a student earns less than a *B-*, they must repeat the course and will not be able to progress in the clinical sequence until a *B-* grade is earned.

To progress from the pre-specialty component to the specialist nursing component, students must (a) complete 42 hours of the generalist component with at least a *C-* in each didactic course and a *B-* in each clinical course, and (b) earn at least a 3.0 cumulative grade point average.

Students who earn less than a *C-* in 399A may not enroll in their final specialty clinical course until 399A has been successfully repeated.

Students must hold an active Tennessee nursing license or valid license in a compact state in order to begin a 300-level clinical course.

Student Complaint and Grievance Procedure

Faculty members welcome the opportunity to work closely with students to facilitate learning and assist in meeting course objectives. Each course syllabus includes the grievance policy. Each student should become familiar with the process and follow it should the need arise. The student should first discuss any concerns regarding an instructor or a course with the instructor involved. If further discussion is needed, the student should contact the course coordinator. If the problem still persists, the student should make an appointment with Linda Norman, senior associate dean for academics. At the time of the appointment with Dean Norman, the student should bring a written statement of the problem or grievance. If still unresolved, contact Dean Conway-Welch for assistance.

Additional information on complaint and grievance procedures can be found in the *Student Handbook* online at www.vanderbilt.edu/student_handbook/.

Withdrawal from the University

Students planning to withdraw from the university should contact the registrar or the assistant dean for enrollment management in the School of Nursing to initiate proper procedures.

Eligibility for Registered Nurse (R.N.) Licensure

Students are eligible to apply to the National Council on Licensure Examination to become a registered nurse (NCLEX-RN) upon meeting the requirements specified by the Tennessee State Board of Nursing and upon recommendation by the faculty and the Dean, when the following requirements have been met: (a) completion of the pre-specialty portion of the curriculum; (b) good academic standing (semester and cumulative grade point average of 3.0 or above); (c) no grade below a *C* in a didactic course, no grade below a *B* in a clinical course, and no incomplete grades; and (d) satisfactory criminal background check. Students who are ineligible to take the NCLEX-RN will not be allowed to participate in a course with a clinical component.

Students who are not successful on the first writing of the NCLEX-RN will be immediately withdrawn from courses with a clinical component. Once the R.N. license is obtained, the

student may enroll in courses with a clinical component. The program of study for full-time students will be altered because of delay in being able to participate in clinical courses. Additional semester(s) will be required to complete clinical courses.

Students who are not registered nurses are required to take examinations specified by the senior associate dean to prepare for the NCLEX-RN.

Change of Address and Telephone Number

Candidates for degrees who are not in residence should keep the assistant dean for enrollment management informed of their current mailing address and telephone number. Students who are currently enrolled change their addresses and phone numbers through the YES (Your Enrollment Services) online system.

Graduation

Degree candidates must have satisfactorily completed all curriculum requirements, have a cumulative grade point average of at least a 3.0, have passed all prescribed examinations, and be free of all indebtedness to the university.

Commencement

The university holds its annual Commencement ceremony following the spring semester. Degree candidates must have completed successfully all curriculum requirements with at least a 3.0 overall GPA and have passed all prescribed examinations by the published deadlines to be allowed to participate in the ceremony. A student completing degree requirements in the summer or fall semester will be invited to participate in Commencement the following May; however, the semester in which the degree was actually earned will be the one recorded on the diploma and the student's permanent record. Students unable to participate in the graduation ceremony will receive their diplomas by mail.

The D.N.P. Degree

The Academic Program

PROGRAM CO-DIRECTORS Donna B. McArthur and Terri Donaldson
 PROFESSORS Susan Adams, Karen D'Apolito, Mary Jo Gilmer, Jeffrey S. Gordon, James L. Harris, Joan King, Linda Norman, Bonita Pilon, Patricia Trangenstein, Elizabeth Weiner

ASSOCIATE PROFESSORS Terri Donaldson, Sarah C. Fogel, Stephan Krau, Bette Moore, Mavis Schorn, Richard Watters

ASSISTANT PROFESSORS Angel Anthamatten, Linda Beuscher, Amy Bull, Steve Busby, Thomas Christenbery, Thomas H. Cook, Kathryn Lindstrom, Geri Reeves, Michelle S. Salisbury, Clare Thomson-Smith, Sonya Wade

INSTRUCTOR Abby Parish

LECTURERS Alisa R. Haushalter, Lewis McCarver, Shea Polancich, William B. Rogers, Jane Zielinski-Carter

RESEARCH ASSOCIATE Mary Dietrich

DEGREE OFFERED: Doctor of Nursing Practice

THE D.N.P. program prepares practice scholars as leaders in translating evidence-based knowledge into clinical practice, improving health care outcomes, and strengthening nursing management and education within public and private organizations. Admission to the post-master's D.N.P. program is through the School of Nursing. Successful applicants to the program are those whose previous academic performance, written goal and practice inquiry statements and letters of recommendation match the school's philosophy and faculty expertise.

Increased complexity in health care, the explosion of knowledge and technology, and national issues related to patient safety and quality improvement call for fundamental changes in the education of all health care professionals. Redesigning care processes are indicated, with information technology systems enhancing evidence-based decision making at both the macro- and micro-system levels.

Addressing the above challenges identified by the IOM and other national organizations, the American Association of Colleges of Nursing published a position paper in 2004 targeting the adoption of the D.N.P. as the terminal degree for the APN. Advanced nursing practice is any form of nursing intervention that influences health care outcomes for individuals or populations, including the direct care of individual patients, management of care for specific populations, administration of nursing and health care organizations, and the development and implementation of health care policy.

VUSN has a long history of educating advanced practice nurses at the Master's level in both direct and indirect patient care, e.g., Nurse Practitioners, Certified Nurse Midwives, Clinical Nurse Specialists, Nursing Informatics Specialists, and Health Systems Managers. Nurses prepared in practice doctorate programs have a blend of clinical, organizational, economic, and leadership skills to enable them to critique nursing and other clinical scientific findings and design programs of care delivery that are locally acceptable, economically feasible, and have significant impact on health care outcomes.

The full-time program requires 74 credit hours of study of which 39 may be transferred from master's work, pending

review and approval. The five semester curriculum includes 35 hours of required coursework for all D.N.P. students. Courses are delivered using a combination of formats with one on-site intensive experience each semester, comprised of 5 days each with the remainder of the coursework completed using distance learning technologies. Requirements for the degree include successful completion of advanced coursework to include a minimum of 500 hours of practice integration and the successful completion and defense of a scholarly project.

A hallmark of the practice doctorate is the successful completion of a scholarly project. The scholarly project embraces the synthesis of both coursework and practice application, a deliverable product reviewed and evaluated by a faculty mentor and scholarly project committee. Dissemination modes are a scholarly defense and the preparation of an article for publication in a peer-reviewed journal. The nature of the scholarly projects varies; projects are related to advanced practice in the nursing specialty and benefit a group, population, or community rather than an individual patient. Projects most often evolve from practice and may be done in partnership with another entity, e.g., clinical agency, health department, government, community group. Types of scholarly projects may include: quality improvement initiatives; implementation and evaluation of evidence-based practice guidelines; policy analysis; the design and use of databases to retrieve information for decision-making, planning, evaluation; the design and evaluation of new models of care; designing and evaluating health care programs.

D.N.P. Program Objectives

Central to the D.N.P. curriculum is the application of evidence-based practice methods within practice settings throughout the program of study. Evidence-based practice is classically defined as the integration of best research evidence with clinical expertise and patient values to facilitate clinical decision making. The terminal objectives of the D.N.P. program are to produce a practice scholar who will be able to:

1. Assess, analyze, evaluate, and manage complex health environments serving diverse populations to improve patient and population health outcomes;
2. Apply clinical scholarship and available evidence to make clinical and system decisions that reflect professional values and ethical standards;
3. Develop, test, and disseminate standards of care, clinical practice models and health policy using informatics, organizational and systems leadership skills;
4. Advocate for clinical prevention, population health initiatives and evidence-based health policy through collaboration with other professionals and stakeholders.

Required Courses

NURS 410	Evidence-Based Practice I: The Nature of Evidence (2 credit hours)
NURS 412	Informatics for Scholarly Practice (2 credit hours)
NURS 414	Statistics in Health Sciences (3 credit hours)
NURS 420	Integrative Application of Evidence-Based Practice I (1 credit hour)
NURS 422	Evidence-Based Practice II: Evaluating and Applying Evidence (3 credit hours)
NURS 424	Epidemiology (3 credit hours)
NURS 430	Integrative Application of Evidence-Based Practice II (1 credit hour)
NURS 432	Health Care Economics and Finance (3 credit hours)
NURS 440	Integrative Application of Evidence-Based Practice III (1 credit hour)
NURS 442	Quality Improvement and Patient Safety (3 credit hours)
NURS 444	Management of Organizations and Systems (3 credit hours)
NURS 452	Health Policy (2 credit hours)
NURS 454	Legal and Ethical Environment (3 credit hours)

Admission

The Vanderbilt Doctor of Nursing Practice program can be entered with either a B.S.N. or M.S.N. degree and requires a total of 74 credit hours, including a minimum of 39 master-level credit hours taken at the School of Nursing or transferred from another accredited M.S.N. program and 35 doctoral-level credits taken at Vanderbilt. Direct admission to the Doctor of Nursing Practice (D.N.P.) program requires graduation from an NLNAC- or CCNE-accredited master's degree in nursing program. Applicants from unaccredited nursing programs will be considered on an individual basis.

Entry with an M.S.N. degree requires APRN certification as either an NP, CNM, CNS or CRNA. Applicants may also enter with an M.S.N. in nursing administration or nursing informatics. Vanderbilt offers post-master's entry for advanced practice nurses who hold an M.S.N. and wish to pursue additional advanced practice study for a new certification. Applicants with an M.N. degree in nursing education or other areas may apply but must pursue an advanced practice specialty as part of the D.N.P. program of study. M.S.N. applicants may pursue a new advanced practice specialty in conjunction with the D.N.P., which will extend the length of the program of studies. The program length will be based on the individual portfolio review. These applicants should address their career goals in the new specialty as part of the D.N.P. statement of professional goals.

The curriculum for the School of Nursing places great intellectual, psychological, motor, and sensory demands on students. In accordance with Vanderbilt's non-discrimination policy, the Student Admissions and Academic Affairs Committee is charged with making individualized determinations of the ability of each candidate for admission to successfully complete the degree requirements.

Admission to the Post-Master's D.N.P. Program

Admission is based on the following factors:

1. *Grade Point Average.* Applicants must have completed a master's degree in nursing from a nationally accredited institution with a minimum 3.5 cumulative GPA for graduate work. Strong applicants with a GPA lower than 3.5 will be considered on an individual basis.
2. *Standardized Test Scores.* GRE will be waived for applicants with master's or doctoral degrees from U.S.-based educational programs.

3. *Official Transcripts.* Applicants must submit one transcript from each post-secondary institution attended.
4. *R.N. License.* An unencumbered Registered Nurse's license must be presented. In addition, applicants must have the Advanced Practice Registered Nurse designation in their home state or equivalent and national board certification in their area of specialty as appropriate. Applicants without national certification will be evaluated individually and may be required to take additional courses.
5. *Letters of Recommendation.* The applicant must provide three strong professional references from doctorally prepared individuals addressing academic skills, including oral and written communication, as well as clinical competence. One reference should be from a faculty member who is familiar with the applicant's academic work.
6. *Interview.* After initial reviews of the application, applicants may be contacted for an interview.
7. *Curriculum Vitae or Resume.* A curriculum vitae or resume is required.
8. *Professional Goal Statement.* A goal statement that includes written essays responding to select professional questions and identification of a potential practice inquiry within selected populations to frame the applicant's program of study is required.
9. *Technical Requirements.* Vanderbilt School of Nursing considers the Internet communication link an essential learning resource for doctoral students. D.N.P. students will be required to have a home computer, printer, and Internet service provider that has high-speed, broadband Internet access.

Beginning in fall 2011, applicants with a B.S.N. degree will have the opportunity to make a seamless transition from our advanced practice nursing M.S.N. program into the D.N.P. program. Applicants applying with a B.S.N. degree should complete the online M.S.N. application and indicate their intention to progress directly into the D.N.P. program after completing M.S.N. degree requirements. Please refer to the M.S.N. program information in the M.S.N. section of the catalog for the details regarding your advanced practice interest area.

Application Procedure

Application forms for the D.N.P. program may be secured from the School of Nursing website at www.nursing.vanderbilt.edu/. A \$50 non-refundable fee is required when the

application is submitted. The School of Nursing begins reviewing applications for admission to its new fall class beginning January 15, although there is no published deadline. Applications are accepted until the class is full. Interested applicants should contact the Admission Office about the programs.

Admissions decisions are made upon receipt of all application materials. A \$200 non-refundable matriculation fee is required upon acceptance.

Applications are considered current for one year; accepted applicants who do not enroll during that time must reapply for admission. Students may apply for one deferral of admission, not to exceed one year, which must be approved by the D.N.P. Student Admissions and Academic Affairs Committee (SAAA) based on extenuating circumstances. After one year, the student must reapply for admission.

Transfer Credit

Transfer credit is considered for courses taken elsewhere within five years of admission upon request. The program director approves transfer credit for all courses. If courses are approved, a total of 6 semester hours may be transferred. No credit is awarded toward the degree for courses designated as prerequisite for admission.

International Students

Vanderbilt has a large international community representing approximately one hundred countries. The university welcomes the diversity international students bring to the campus, and encourages academic and social interaction at all levels.

English Language Proficiency. Proficiency in written and oral English is required for enrollment in the nursing program. Applicants whose native language is not English must present the results of the Test of English as a Foreign Language (TOEFL) or the International English Language Testing System (IELTS) with the application, unless they have demonstrated competence while attending an American institution. All applicants whose native language is not English must be interviewed by a D.N.P. faculty member and a member of the D.N.P. SAAA Committee for English language proficiency. International students transferring from unfinished degree programs of other universities in the United States must present TOEFL or IELTS scores.

The International TOEFL is administered at test centers throughout the world at different times during the year. You may access information regarding the TOEFL exam, including registration and sample tests, at www.toefl.org. Inquiries and requests for application forms should be addressed to TOEFL, Box 6151, Princeton, New Jersey 08541-6151 U.S.A. The minimum acceptable score on the Test of English as a Foreign Language is 570 on the computer-based test or 88 on the internet-based test. The minimum acceptable score on the IELTS is 6.5. For more information on the test, go to www.ielts.org.

International student applicants who have completed college or university coursework at an institution in a country other than the United States must obtain a complete course-by-course evaluation of foreign transcripts, degrees, and other official documentation. Evaluating agencies include (1) World Education Services, Bowling Green Station, P.O. Box 5087, New York, NY 10274-5087; telephone (212) 966-6311; website: www.wes.org; and (2) Educational Credential Evaluators, Inc., Post Office Box 514070, Milwaukee, Wisconsin 53203-3470; telephone (414) 289-3412; website: www.ece.org.

English Instruction. Applicants whose proficiency in English is low or marginal will be required to enroll in an English

language program before beginning academic studies. Vanderbilt offers such a program at the English Language Center (ELC), located at 1208 18th Avenue South. Intensive, semi-intensive, or part-time English study is offered throughout the year. Non-credit enrollment in at least one academic course may be recommended while the student is improving proficiency in English. Academic studies for credit may begin after recommendation by ELC in consultation with the student's academic adviser. For more information, visit ELC online at www.vanderbilt.edu/elc/index.html or call (615) 322-2277.

Financial Resources. To meet requirements for entry into the United States for study, applicants must demonstrate that they have sufficient financial resources to meet expected costs of their entire educational program. Applicants must provide documentary evidence of their financial resources before visa documents can be issued.

United States laws and regulations restrict the opportunity for international students to be employed. Students may be allowed to work off campus only under special circumstances. Many spouses and dependents of international students generally are not allowed to be employed while in the United States.

Health and Accident Insurance. International students, whether attending the university full time or part time, and their dependents residing in the United States are required to purchase the university's international student health and accident insurance unless, in the judgment of the university, adequate coverage is provided from some other source. Information concerning the limits, exclusions, and benefits of this insurance coverage can be obtained from the Student Health Center.

Additional Requirements. Prior to admission, international applicants who are nurses must have taken the Commission on Graduates of Foreign Nursing Schools (CGFNS) examination and the Tennessee licensing examination. Information on the CGFNS may be obtained by writing the commission at 3600 Market Street, Suite 400, Philadelphia, Pennsylvania 19104-2651, U.S.A., or by calling (215) 222-8454 or at www.cgfns.org. The CGFNS exam is given in March, August, and November in forty-six locations worldwide, though not in Nashville. Information on the Tennessee licensing exam may be obtained from the Tennessee Board of Nursing; 227 French Landing, Suite 300, Heritage Place, Metro Center; Nashville, Tennessee 37243, U.S.A.; telephone (615) 532-5222; website: www.state.tn.us/health.

Information. Assistance in non-academic matters before and during the international student's stay at Vanderbilt is provided by International Student and Scholar Services, Student Life Center, 310 25th Avenue South, Suite 103, Nashville, TN 37240, U.S.A.; www.vanderbilt.edu/iss.

Student Classification

The following classifications apply to all D.N.P. students.

Regular Student. Enrolled full time or part time in the School of Nursing, having met admission requirements.

A full-time student in the program normally will enroll for a minimum of 9 credit hours a semester.

Special Student. Enrolled in one or more non-clinical courses but not working toward the D.N.P. degree in the School of Nursing. A limit of 3 credit hours is permitted in this status. Successful completion of courses taken as a special student does not guarantee admission to the D.N.P. program.

To be considered as a special student, an applicant must submit a completed application form with transcripts and the non-refundable application fee at least two weeks before registration. Acceptance into a course is dependent upon

availability of space and facilities after full-time and part-time students have been registered.

Registration as a special student requires approval by the D.N.P. program director. All university and School of Nursing regulations, including the Honor System, apply to special students. Special students who desire to change to regular student status should make application for admission following regular procedures.

Academic Regulations

The Honor System

Vanderbilt students are bound by the Honor System inaugurated in 1875 when the university opened its doors. Fundamental responsibility for the preservation of the system inevitably falls on the individual student. It is assumed that students will demand of themselves and their fellow students complete respect for the Honor System. All work submitted as a part of course requirements is presumed to be the product of the student submitting it unless credit is given by the student in the manner prescribed by the course instructor. Cheating, plagiarizing, or otherwise falsifying results of study are specifically prohibited under the Honor System. The system applies not only to examinations, but also to written work and clinical practice requirements submitted to instructors. The student, by registration, acknowledges the authority of the Honor Council of the Vanderbilt University School of Nursing.

Students are expected to become familiar with the Vanderbilt University *Student Handbook* and the School of Nursing *Student Handbook* (online at www.vanderbilt.edu/student_handbook/ and www.nursing.vanderbilt.edu/current/handbook.pdf), available at the time of registration, which contain the constitution and bylaws of the Honor Council and sections on the Nursing Student Conduct Council, Appellate Review Board, and related regulations.

Nursing Honor Council

The Honor Council is an organization that seeks to preserve the integrity of the Honor Code. The membership consists of student representatives from the D.N.P. program and specialty and pre-specialty levels of the M.S.N. program. Representatives serve for one year from September through August. Officers of the council must be students in good standing. Alternates are elected to serve in the absence of representatives.

Nursing Student Conduct Council

The university's Nursing Student Conduct Council has original jurisdiction in all cases of non-academic misconduct involving graduate and professional students.

Core Performance Standards

Essential eligibility requirements for participation and completion by students in the Nursing Program include the following core performance standards:

1. *Intellectual*: Ability to learn, think critically, analyze, assess, solve problems and attain clinical and academic judgment.

2. *Interpersonal*: Interpersonal ability sufficient to appropriately interact with individuals, families and groups from a variety of social, emotional, cultural and intellectual backgrounds.
3. *Communication*: Ability to speak and write with accuracy, clarity and efficiency in English and in computer assisted formats.
4. *Mobility*: Physical abilities sufficient to move from room to room and maneuver in small spaces.
5. *Motor skills*: Gross and fine motor abilities sufficient to provide therapeutic nursing interventions that are safe and effective and that maintain safety and security standards.
6. *Hearing*: Auditory ability sufficient to monitor, assess and respond to health needs.
7. *Visual*: Visual ability sufficient to distinguish colors, monitor, assess and respond to health needs.
8. *Tactile*: Tactile ability sufficient to monitor, assess and respond to health needs.
9. *Olfactory*: Olfactory ability to monitor, assess and respond to health needs.
10. *Judgmental*: Mental and physical ability to demonstrate good judgment in decision-making in order to maintain safety and security of patients and to behave appropriately with patients, staff, students, supervisors and faculty.
11. *Affective*: Emotional stability and the capacity to be accountable and to accept responsibility.

All students enrolled in the D.N.P. program must satisfactorily demonstrate these competencies in the didactic, laboratory, seminar and clinical courses throughout their programs of study.

Orientation

A required orientation program is held each fall prior to the registration period to acquaint new students with the school environment. The senior associate dean for academics may call additional class meetings throughout the year as needed.

Orientation for new students is provided in the semester in which the student is first enrolled.

Registration

Upon acceptance, students must complete a background check through *Certified Background* using the code provided below. Students accepted to a Pre-Specialty, M.S.N. or Post-Master's Certificate program are required to complete the new student immunization/certification requirements outlined below. Ph.D., D.N.P. or Health Systems Management program students may be asked to complete the immunization/certification requirements depending upon the nature of their clinical situation. Special students who are only enrolled in one course and are not seeking a degree from the School of Nursing are not required to complete a background check or the new student requirements unless they apply and are admitted to VUSN.

Complete the following once you are accepted as a VUSN student. (Please note: If you fail to provide documentation of requirements, you will not be allowed to begin/ continue clinical course work and/or register for additional courses.) **VUSN requires that all nursing students have proof of health and safety requirements throughout their enrollment.**

1. **Background check** and submitting requirements:
 - a. Go to www.CertifiedBackground.com and click on "Students."
 - b. In the Package Code box, Ph.D., D.N.P. and Health Systems Management students enter package code **VA14bc** (Pre-Specialty, MSN and Post Master's Certificate students enter package code VA14bgt)
 - c. Enter your payment information—Visa, MasterCard (credit or debit), or money order mailed to Certified Background (NOTE: There is a processing fee of \$10 for this service). Follow the online instructions to complete your order. *Vanderbilt School of Nursing negotiated a special student rate.

Ph.D., D.N.P. and Health Systems Management program students may be asked to provide the following immunization/certification requirements, depending upon the nature of their clinical situation. Instructions will be provided if this process is required for your clinical site.

VUSN forms available at: <http://www.nursing.vanderbilt.edu/clinicalplacement/newstudents.html>

2. **Physical exam** within six months of enrollment (1st semester) into the program, authenticated by an M.D. or NP, documenting evidence of good physical and mental health. Use the Health Questionnaire form.
3. **Measles, Mumps, Rubella:** Documentation of two (2) MMR vaccines **OR** lab evidence of immunity (positive titers) for measles (rubeola), mumps, and rubella.
4. **Varicella:** Documentation of two varicella vaccines given 28 days apart **OR** lab evidence of varicella immunity (positive titer)
5. **Hepatitis B:** Proof of immunity (positive surface antibodies 10 or greater). Students who have not completed the 3-part series **OR** those who decline to receive the immunization **must** sign the Hepatitis B Waiver.
6. **Tetanus-Diphtheria-Pertussis (Tdap):** Documentation of vaccination within last ten years.
7. Initial two-step **tuberculin skin test:** The second TB skin test injection must be placed within 1–3 weeks of the first. Both should be read at the appropriate times.
 - If both two-step TB results are negative, repeat 1-step TB **annually**.
 - If positive, medical evaluation and documentation of a clear **chest x-ray** within one year of admission to VUSN and annual completion of the Annual **Past-Positive** TB Screening Form confirming the absence of symptoms by an M.D. or NP. If there is evidence of a positive chest x-ray and/or symptoms of TB, please follow-up for medical evaluation.
8. **Influenza:** 1 dose of TIV (trivalent) or LAIV (live attenuated) annual vaccination is highly recommended. *Please note:* Many clinical agencies are requiring evidence of annual vaccination or the wearing of a mask during flu season.
9. Current **health insurance** coverage either through the university insurance plan or by another policy. For more information on student health insurance, visit www.vanderbilt.edu/student_health/student-health-insurance. Health insurance is required of all students by Vanderbilt University. Clinical sites also require that you have health insurance to cover any illness or injury that you may incur during your clinical training experience.
10. Current **CPR certification** for adult, child, and infant (Vanderbilt accepts only American Heart Association (AHA) BLS for the Healthcare Provider cards). See Clinical Placement webpage for a list of AHA CPR training providers in Middle Tennessee.

11. Copy of an unencumbered **Registered Nurse's license** in the state(s) where you will be doing clinical training (if applicable). Refer to <https://www.ncsbn.org/nlc.htm> for more information on compact licensure. In addition, D.N.P. students must have Advance Practice Registered Nurse (APRN) designation in their home state or equivalent and national board certification in their area of specialty as appropriate.

12. **HIPAA and OSHA Safety Training** through the Tennessee Clinical Placement System (TCPS) <http://tcps-tn.org/>, general orientation training. A user name and password is sent to your Vanderbilt email account in mid-August as a reminder to complete this **annual training**. You will be notified if additional training is required for your particular clinical site.

Students should be aware that some clinical sites may require additional immunizations and/or blood titers, drug screening, or additional criminal background checks. The immunizations and titers can be done at Student Health http://www.vanderbilt.edu/student_health/ once enrolled. If you plan to use Student Health please call to schedule an appointment at (615) 322-2427; take a copy of your health questionnaire and any required documentation with you. Students will be responsible for all charges incurred.

Any VUSN student who completed a background check through Certified Background but had a break in enrollment, including a deferral or leave of absence, must run a new background check through Certified Background using package code VA14bc upon return.

The School of Nursing requires continuous registration of all degree candidates. Responsibility to maintain registration rests with the student. To retain student status, the student must register each fall, spring, and summer semester or secure an approved leave of absence. Students who are registered for zero hours in order to satisfy requirements for an incomplete grade are considered degree candidates. Students registering for zero hours or only completing an incomplete grade are charged one-half credit hour tuition.

Accidents / Injury / Illnesses

Students are responsible for the costs of tests, treatment, and follow-up care for any accidents, injury, or illnesses that occur while enrolled as students at Vanderbilt University School of Nursing. Students are not entitled to worker's compensation benefits.

Calendar

The official calendar of the School of Nursing is printed at the front of this catalog and in the VUSN *D.N.P. Student Handbook*. These publications are available in August of each year online through the VUSN website at www.vanderbilt.edu/catalogs/nursing/ and www.nursing.vanderbilt.edu/current/handbook.pdf.

The D.N.P. program is taught in a combination of online and on-campus intensives held for one week at the beginning of each semester. Continued student-faculty interactions will occur on a regular basis using various technology methods, synchronous and asynchronous. Intensive schedules are available on the VUSN website prior to each semester at www.nursing.vanderbilt.edu/current/current.html—then search under Academic Support Services by semester. Students are expected to be familiar with these dates and to conform to them.

The *Vanderbilt View* and the *VUMC Reporter*, issued by the Division of Public Affairs, contain notices of all events and announcements pertaining to the university and medical center communities. My VU is an online service that includes a calendar of events as well as articles of interest. It is the responsibility

of the student to keep informed of any event or announcement applicable to the School of Nursing. Failure to know of an officially required event is not an excuse for non-attendance.

Faculty Advisers

Each student will be assigned a faculty adviser who will assist with the development of a scholarly project committee and implementing the program of studies, and will help solve academic problems. The senior associate dean for academics serves as adviser to special students.

Program of Studies

During the first semester of study, all students will meet with their faculty advisers to discuss the program of studies.

When an absence from the school for one or more semesters is anticipated, the student must submit a Request for Leave of Absence form through the student's faculty adviser and forward it to the Registrar for official processing.

Students who wish to alter the required program of studies or change their status from full time to part time, or vice versa, may petition to do so by giving justification for the request and proposing an alternative program of study, which must be approved by the academic adviser, program director, and senior associate dean for academics. Forms for this purpose are online at the VUSN website.

Students who are on academic probation and who wish to alter their program of study must have the proposed program reviewed by the D.N.P. Student Admissions and Academic Affairs Committee.

Change of Course

Dropping a Course. The first five class days of the semester are allocated for necessary changes of course.

Courses may be dropped without entry in the final record within two weeks of the first day of classes. Courses may be dropped only after consultation with the student's adviser and the course instructor. Dropping a course will affect the sequencing of the program of study and may change the student's expected date of completion of course work.

Withdrawing from a Course. Students may withdraw from courses and receive the grade *W* (withdrawal) according to the date published in the University Calendar for each semester. If the course in question is a nursing course, the student will receive the grade *W* (withdrawal) if less than half of the course has elapsed. Students may not withdraw from a course after the published date in the University Calendar or after the course is half completed, except under extenuating circumstances. If the course is taken outside the School of Nursing, grade regulations of the appropriate school will apply. A student must be in good academic standing to be eligible to withdraw from a course.

Audit Courses

Students may wish to audit courses in the School of Nursing for which they will receive no credit. Auditing courses requires registration and payment of tuition and is subject to the following conditions:

1. Consent of the instructor must be obtained.
2. The instructor sets the conditions under which a course may be audited. Failure to meet those conditions is justification for withdrawal of the audit designation.
3. Audits carry no credit.

No-Credit Courses

A student taking a course on a no-credit basis is required to attend class, take examinations, and do all the work of the course. The student's grade is recorded with the notation that no credit toward graduation is received. No-credit courses do count in computation of the student's academic load and in the computation of tuition.

Class Attendance

At the beginning of the semester the instructor will explain expectations for attendance and participation for a course and their influence on the evaluation process. It is expected that students will attend all synchronous and asynchronous D.N.P. classes and practice experiences. Attendance is mandatory for on-campus intensives each semester.

Course Load

The unit of measure of the student's work load is the semester hour. All references to credit hours are semester hours.

The normal full-time schedule is 9 hours per semester. Part-time students must follow the approved part-time program of study. The student's status is defined as follows:

- Full time: Registered for 9 or more hours;
- Half time: Registered for at least 4 hours, but less than 9 hours;
- Less-than-half time: Registered for at least 1 hour, but less than 4 hours.

Examinations

Examination policies are determined by the instructor. A record of all grades given during the course and all final examinations and major papers are kept on file by the instructor for one year following the conclusion of the course.

A number of alternatives to standard in-class examinations are permitted at the instructor's discretion. These include take-home and self-scheduled examinations, oral examinations, on-line examinations, and term papers. Final examinations must be conducted during the final examination period at the end of the module or at the end of the semester.

Students are expected to take exams at the times specified in the course syllabus, and as announced by the course coordinator. Students must receive permission from the faculty prior to the scheduled exam to take the exam at a different time.

Any student more than fifteen minutes late to an in-class or online examination must present a satisfactory excuse. No student will be admitted after the first hour.

Program Evaluation

Students are expected to participate in program evaluation activities while enrolled in the program and after they have left Vanderbilt. These data will be used for research purposes only. Procedures to protect individual confidentiality will be followed.

Leave of Absence

Leaves of absence are granted for a minimum of one semester or a maximum of one year. Leave of absence forms are available from the website at www.nursing.vanderbilt.edu/ under "Resources for Current Students/Academic Support Services." Students must attach a change in program form to the leave of absence form. Leaves must be approved by the academic adviser and the senior associate dean. Time spent on leave of absence is included in the total time taken to complete the

degree. Since the program runs year round, students must take a leave of absence for any semester they are not in attendance. At the end of the leave of absence, the student must notify the assistant dean for enrollment management in writing of the intent to return or not to return. A student failing to register at the conclusion of the stated leave period is withdrawn from the university and must reapply for admission unless the leave is extended by the senior associate dean. Those without authorized leave who do not register are dropped from the rolls and are not considered current students. If they wish to resume study in the School of Nursing, they must reapply for admission.

Alcohol and Controlled Substance Policy

Students are not allowed to attend class, lab, or clinical practice under the influence of alcohol or controlled substances (prescribed or not prescribed). Students suspected of using such substances will be asked to submit to voluntary breath, blood, or urine screening as a condition of progression. Additional information on student impairment is found in the Vanderbilt University *Student Handbook* on policies concerning alcohol and controlled substances. www.vanderbilt.edu/student_handbook/chapter-6-alcohol-and-controlled-substances

Clinical Placement and Practica

An affiliation agreement must be in place with all sites where a student will obtain clinical experience to include developing and implementing their scholarly projects. This includes the practice site as well as any ancillary sites a mentor may take the student, such as hospitals, surgery centers, nursing homes, charitable clinics, etc. A student may not go with the mentor to a site where the school does not have an active affiliation agreement. A faculty adviser must approve sites for the student's clinical experience to ensure that the sites are necessary or appropriate to the student's clinical objectives.

All requirements for clinical placements should be completed and on file (see Registration) at the time of enrollment. D.N.P. students may be asked to complete the immunization/certification requirements depending on the nature of their clinical situation. Clinical mentors and/or agencies may require a drug screening or additional criminal background check. Costs associated with these processes will be the responsibility of the student.

Transportation and Lodging

Students are responsible for their own transportation to and from all practice facilities. Practice sites should be chosen for their ability to provide experiences consistent with the D.N.P. program requirements, the mission of the school, and individual student objectives.

Academic Standards

Good Academic Standing

Good academic standing is defined as both a semester GPA of 3.0 or higher, a cumulative GPA of 3.0 or higher, and no grade below B- in any course.

Completion of Program

Students admitted to the D.N.P. program must complete all requirements within five years. Leaves of absence are counted in this time frame.

Grading System

Letter Grade	Numerical Points	Quality Equivalent
A+	97-100	4.0
A	93-96	4.0
A-	90-92	3.7
B+	87-89	3.3
B	83-86	3.0
B-	80-82	2.7
C+	77-79	2.3
C	73-76	2.0
C-	70-72	1.7
F	69 or below	0.0

All F grades are counted in the computations of grade point ratios unless the student repeats the course and earns a passing grade.

M: Missing a final examination. The designation M is given to a student absent from the final examination who has communicated with the instructor about the absence in advance. The grade F is given if the student could not have passed the course even by passing the final examination or if the instructor was not notified. The final examination must be taken at a time designated by the instructor. The grade M must be removed in the next semester or the grade will automatically be converted to F.

I: Incomplete. Students for whom an extension has been authorized receive the grade I, which stands until the work has been made up. The course coordinator or instructor who authorizes the extension confers with the student to establish a final time limit for completion of the missing work. Copies of the agreement are given to the student, the instructor, and the assistant dean for enrollment management of the School of Nursing. The grade I must be removed in the next semester or the grade will automatically be converted to F.

Late work. Essays, book reviews, papers, laboratory reports, etc., must be turned in no later than the time specified by the course syllabus. For work not completed by the specified time, a grade of zero will be given unless an extension has been granted. To receive an extension, the student must present a petition for an extension to the course coordinator or instructor at least one day before the work is due, and the petition must be endorsed by the instructor.

Repeat Courses

Students enrolled in the D.N.P. program may repeat a course only with the permission of the D.N.P. Student Admissions and Academic Affairs Committee.

1. A course taken in the School of Nursing may not be repeated outside the school for credit toward the degree.
2. Nursing courses may be repeated only once.

Students who do not earn at least a B- in a course must repeat that course.

A student making a grade below B- in another course will be dismissed. Courses taken for a letter grade may not be repeated on a Pass/Fail basis, nor may a grade indicating withdrawal or incomplete work be counted in place of a letter grade. Only the latest grade counts in calculation of the grade point average and progress toward a degree.

Probation

Students are expected to maintain a 3.0 grade point average each semester. The academic performance of students

is reviewed at the end of each semester, and students who have not maintained a 3.0 grade point average are placed on academic probation. A student who is not making satisfactory progress toward the degree will be dismissed if improvement is judged to be unlikely.

A student may be placed on probation only once during the entire program of study. If the student's record in another semester warrants probation, the student will be dismissed. A student who is not making satisfactory progress toward the degree may be dismissed from the School of Nursing or may be advised to go on leave of absence or withdraw. When a student is placed on or removed from probation, letters are sent to the student, the student's adviser, and the program director.

If a student cannot improve his or her grade point average because the needed course cannot be repeated in the following semester, the student will be continued on probation if satisfactory completion of the course will give the student a 3.0 grade point average.

As the School of Nursing is a professional school, the faculty may, for the purposes of evaluation, render opinion on the student's total ability. A student's promotion in the program is determined by the D.N.P. Student Admissions and Academic Affairs Committee at the end of each semester. The committee, on the recommendation of the student's instructors, program director, and/or academic adviser, promotes only those students who have demonstrated personal, professional, and intellectual achievement consistent with faculty expectations at the student's particular stage of professional development. Students who are deficient in a major area or areas will be required to repeat course/clinical work or to complete additional efforts satisfactorily in order to remedy deficiencies. Students deficient in a major undertaking or who demonstrate marginal performance in a major portion of their work will be dismissed.

Readmission

A student who has been dismissed or has withdrawn from the program may apply to the D.N.P. Student Admissions and Academic Affairs Committee for readmission after an intervening period of not less than one semester. The committee will consider such cases on presentation of substantial evidence of a responsible and successful period of work or study during the intervening period. A former student having successfully completed a tour of duty in the armed forces will be classified in this category. There is no guarantee, however, that a student will be readmitted. This will depend on (a) the faculty's evaluation of the likelihood of the applicant's successful performance in succeeding work; (b) the competition of other applicants; and (c) class space available.

A student readmitted after having been advised to withdraw, or after having been suspended or dropped, is on probation during the first semester back in residence.

Progression

Most required D.N.P. courses are sequential, and a student who fails to pass such a course cannot progress in the nursing curriculum. A student seeking a waiver of this policy must submit a written request to the D.N.P. Student Admissions and Academic Affairs Committee for an exception to the rule.

Student Complaint and Grievance Procedure

Faculty members welcome the opportunity to work closely with students to facilitate learning and assist in meeting course objectives. Each course syllabus includes the grievance policy. Each student should become familiar with the process and follow it should the need arise. The student should first discuss any concerns regarding an instructor or a course with the instructor involved. If further discussion is needed, the student should contact the course coordinator. If the problem still persists, the student should make an appointment with the D.N.P. program director. If the problem is not resolved with the program director, the student should make an appointment with the senior associate dean for academics. At the time of the appointment with the senior associate dean for academics, the student should bring a written statement of the problem or grievance. If still unresolved, contact the dean for assistance.

Additional information on complaint and grievance procedures can be found in the *Student Handbook* online at www.vanderbilt.edu/student_handbook/.

Withdrawal from the University

Students planning to withdraw from the university should contact the registrar or the assistant dean for enrollment management in the School of Nursing to initiate proper procedures.

Change of Address and Telephone Number

Candidates for degrees who are not in residence should keep the assistant dean for enrollment management informed of their current mailing address and telephone number. Students who are currently enrolled may also change their address and phone number through the YES (Yous Enrollment Services) online system.

Graduation

Degree candidates must have satisfactorily completed all curriculum requirements, have a cumulative grade point average of at least a 3.0, have passed all prescribed examinations, and be free of all indebtedness to the university.

Commencement

The university holds its annual Commencement ceremony following the spring semester. Degree candidates must have completed successfully all curriculum requirements with at least a 3.0 overall GPA and have passed all prescribed examinations by the published deadlines to be allowed to participate in the ceremony. A student completing degree requirements in the summer or fall semester will be invited to participate in Commencement the following May; however, the semester in which the degree was actually earned will be the one recorded on the diploma and the student's permanent record. Students unable to participate in the graduation ceremony will receive their diplomas by mail.

Ph.D. in Nursing Science

PROGRAM CO-DIRECTORS Ann F. Minnick and Linda D. Norman
DEAN Colleen Conway-Welch

PROFESSORS Susan M. Adams, Peter I. Buerhaus, Colleen Conway-Welch, Karen C. D'Apolito, Mary Jo Gilmer, Jeffrey S. Gordon, Joan E. King, Larry E. Lancaster, Donna B. McArthur, Ann F. Minnick, Lorraine C. Mion, Linda D. Norman, Bonnie A. Pilon, Vaughn G. Sinclair, Patricia A. Trangenstein, Kenneth A. Wallston, Elizabeth E. Weiner

RESEARCH PROFESSOR Nancy L. Wells

ASSOCIATE PROFESSORS Sarah C. Fogel, Rolanda L. Johnson, Jana L. Lauderdale, Melanie Lutenbacher, Elizabeth R. Moore

RESEARCH ASSOCIATE PROFESSOR Mary S. Dietrich

ASSISTANT PROFESSORS Thomas L. Christenbery, Thomas H. Cook, Shelagh A. Mulvaney, Sheila H. Ridner, Michele S. Salisbury, Michael W. Vollman

research designs and analytic techniques. Requirements for the degree include successful completion of advanced course work, a qualifying paper, an oral qualifying exam, and a dissertation (including oral defense of proposal and findings). Full-time and part-time options are available.

Further information about the Ph.D. program can be obtained by writing the Ph.D. Program, Office of Admissions, Godchaux Hall, 461 21st Avenue South, Nashville, Tennessee 37240, calling (615) 322-3800, or visiting the website at www.nursing.vanderbilt.edu/phd.

DEGREE OFFERED: Doctor of Philosophy

THIS program prepares scholars for research and academic careers in major universities and for research positions in public or private sectors of health care. Two tracks of study are available: Clinical Research and Health Services Research. These areas of study are reflective of the overall research interests and expertise of School of Nursing faculty members and the resources available in the medical center, the university, the School of Nursing nurse-managed and interdisciplinary care delivery centers, and the Veterans Affairs Tennessee Valley Healthcare System (Nashville campus). More specifically, faculty research interests include such areas as stress and coping, perceived control, health promotion, oncology, pediatric palliative care, impact of chronic conditions on individuals and families, family violence, health psychology/behavioral medicine, life transitions, and symptom management. Health services research topics include clinical outcomes, workforce policy, and economic aspects of health care delivery.

Admission to the Ph.D. in Nursing Science program is through the Graduate School, which oversees all doctoral programs in the university. For additional information, go to www.nursing.vanderbilt.edu/phd. Application materials are online and may also be obtained from the Graduate School located in Kirkland Hall. Successful applicants to the program are those whose previous academic performance, letters of recommendation, Graduate Record Examination scores, and written goal statement meet admission standards for the School of Nursing and the Graduate School and whose research and career goals best match the school's research foci and faculty expertise.

The program requires 72 credit hours of study, of which 16 may be transferred from master's course work, pending review and approval by the graduate faculty. The core curriculum of the program includes 31 credit hours of required course work for all Ph.D. students, 15 credit hours of required course work specific to the selected track of study, and 10 credit hours of course work that supports the student's focus of research (4 research practica and 6 dissertation research credits). Our course work is delivered using a combination of formats with limited on-campus visits. Students work with faculty mentors who guide and oversee their educational program from admission through completion of degree requirements. Students participate in intensive research experiences connected with faculty research projects and are exposed to a variety of

Post-Master's Certificate Program

THE purpose of the post-master's certificate program is to provide, for nurses who already hold a master's degree in nursing, an educational route to specialization in an area other than that obtained in their master's program. The program is designed to strengthen or broaden the clinical or administrative capabilities of master's-prepared nurses who are planning a role expansion or role change.

The program of study is composed of academic courses ending in a Certificate of Academic Achievement of Post-Master's Study. Students do not complete a second master's degree, but only the necessary courses to earn the post-master's certificate in the new specialty area. Students completing the post-master's certificate do earn academic credit that is reflected on a VUSN transcript, but they do not receive a master's degree or a Vanderbilt University School of Nursing pin. The pin is presented only to those students who complete an M.S.N. at VUSN.

Admission Requirements

1. A master's degree in nursing from an NLNAC- or CCNE-accredited program.
2. Completed application and official transcript documenting conferral of master's degree in nursing.
3. Unencumbered Registered Nurse license in the state where the student is doing clinical training
4. The GRE is waived. However, all other admission requirements (goal statement, interview survey, references, and transcripts) must be completed.
5. Approval by the program director.

Academic Standards

Post-master's students must meet the same academic standards for progression and program completion as M.S.N. students. See Academic Standards section under M.S.N. Students.

Advanced Practice Roles

Post-master's study programs are available in each of the following specialties: acute care nurse practitioner, adult nurse practitioner, adult/gerontological nurse practitioner, family nurse practitioner, health systems management, nursing informatics, neonatal nurse practitioner, nurse-midwifery, pediatric nurse practitioner, psychiatric-mental health nurse practitioner, and women's health nurse practitioner. Please refer to the specific advanced practice specialty curriculum for sample curriculum plans. For further information, visit www.nursing.vanderbilt.edu or call the Office of Admissions at (615) 322-3800.

Archived 2017
Nursing School

Financial Information

Tuition for 2011/2012 is \$1,088 per credit hour for the M.S.N. and D.N.P. programs. For information concerning tuition for the Ph.D. in nursing science, see the *Graduate School Catalog*.

Rates for tuition and fees are set annually by the Board of Trust and are subject to review and change without further notice.

The master of science in nursing may be completed in a minimum of three semesters of full-time study for students who enter with a B.S.N.; students admitted through the pre-specialty component complete the M.S.N. in six full-time semesters. Students admitted through the R.N. pre-specialty component complete the M.S.N. in a minimum of five full-time semesters. M.S.N. students attend fall, spring, and summer sessions. The doctor of nursing practice may be completed in five consecutive semesters of full-time study. Students are admitted in the fall semester and graduate in the spring semester of year 2. The Doctor of Nursing Practice program requires 74 hours of study of which 39 may be transferred from master's degree work.

The charge for students registered for zero hours of Thesis (N379) or Master's Project (N377) or D.N.P. Project (N450) is one-half (0.5) credit hour of the posted hourly tuition. Registration and payment of fees retain student status.

Students taking an incomplete or having a missing grade in a course register for zero hours until removal of the incomplete grade. The charge for each course in which an incomplete is recorded is one-half (0.5) credit hour of the posted hourly tuition. Registration and payment of fees retain student status.

There will be a one-time fee of \$30 for processing transcripts.

Other Fees

Application	\$ 50
Matriculation (nonrefundable)	200
Student activities and Recreation Center fee	
Fall and spring (per semester)	199
Summer	72
Technology fee (per semester, fall, spring, summer)	150
Laboratory fee for N210A	35
Laboratory fee for N210B	50
Laboratory fee for N235	60
Laboratory fee for N236	60
Laboratory fee for N237	60
Laboratory fee for N245	400
Laboratory fee for N246	350
Laboratory fee for N247A	150
Laboratory fee for N247B	150
Laboratory fee for N305A	350
Laboratory fee for N305B	150
Laboratory fee for N305C	250
Laboratory fee for N305E	350
Laboratory fee for N305F	200
Laboratory fee for N315	200
Laboratory fee for N337	200

0 hours	\$ 544
Liability insurance coverage (per semester)	33
Student health insurance (per year)	2,142
(\$1,071, fall; \$1,071, spring)	
Occupational exposure assessment fee (per year)	40
Clinical placement fee (one-time fee)	100
Expenses for books and supplies will vary by specialty.	

Equipment such as tape recorders and diagnostic sets will be required for certain specialties.

Hepatitis B vaccine is available, at student expense, through the Student Health Service.

A criminal background check arranged by the school is required of all new students at the student's expense. A minimal student requirements tracking fee will also be incurred at the student's expense.

Payment of Tuition and Fees

Tuition, fees, and all other university charges incurred prior to or at registration are due and payable by August 17 for the fall semester and January 5 for the spring semester. All charges incurred after classes begin are due and payable in full by the last day of the month in which they are billed to the student. If payment is not made within that time, cancellation of V-Net (long distance telephone) access for campus residents may result and additional charges to campus dining or flexible-spending accounts may be prohibited.

Students/guarantors will be responsible for payment of all costs, including reasonable attorney fees and collection agency fees, incurred by the university in collecting monies owed to the university. The university will assess a \$20 fee for any check returned by the bank and reserves the right to invoke the laws of the State of Tennessee governing bad checks.

Refunds of Tuition and Dormitory Charges

University policy for the refund of tuition and dormitory charges provides a percentage refund based on the time of withdrawal. Students who withdraw officially or who are dismissed from the university for any reason may be entitled to a partial refund in accordance with the established schedule shown below. **Fees are not refundable.**

Fall 2011 Withdrawal/Refund Schedule

Week 1	August 24–August 27	100%
Week 2	August 28–September 3	95%
Week 3	September 4–September 10	90%
Week 4	September 11–September 17	80%
Week 5	September 18–September 24	75%
Week 6	September 25–October 1	70%
Week 7	October 2–October 8	60%
Week 8	October 9–October 15	55%
Week 9	October 16–October 22	50%
Week 10	October 23–October 29	40%

No refund after October 29, 2011

Spring 2012 Withdrawal/Refund Schedule

Week 1	January 9–January 14	100%
Week 2	January 15–January 21	95%
Week 3	January 22–January 28	90%
Week 4	January 29–February 4	80%
Week 5	February 5–February 11	75%
Week 6	February 12–February 18	70%
Week 7	February 19–February 25	60%
Week 8	February 26–March 3	55%
Spring Break	March 4–March 11	
Week 9	March 12–March 18	50%
Week 10	March 19–March 25	40%

No refund after March 25, 2012

Tuition Payment Programs

Tuition payment programs are available through Tuition Management Systems (TMS). Pamphlets describing these plans are available on request from the Office of Student Accounts, PMB 401671, 2301 Vanderbilt Place, Nashville, TN 37240-1671, or the Office of Student Financial Aid, 2309 West End Avenue, Nashville, TN 37203.

Late Payment of Fees

All charges not paid by the specified due dates will be assessed a late payment fee of \$1.50 on each \$100 owed.

Financial Clearance

Current charges can be deferred if a Student Account Agreement is on file in the Office of Student Accounts (the Office of Student Accounts may refuse to allow a deferment if in its judgment the deferment is unwarranted). However, a late payment fee will be assessed each month until the balance is paid. All amounts deferred are due no later than November 30 for the fall semester, April 30 for the spring semester, and July 31 for the May and summer sessions.

No transcript (official or unofficial) will be issued for a student who has an outstanding or deferred balance. Diplomas will be withheld until all bills are paid.

Professional Liability Insurance

Students will be automatically covered with professional liability insurance. Payment of premium is required of all enrolled nursing students at the time of registration. Payment of premium is required regardless of any other professional liability coverage the student might have, even for students taking only didactic courses. The policy covers only practice as a nursing student and does not extend to coverage of nursing practice outside of the student role.

The annual premium is payable in addition to tuition. Details of the policy are available at the university's student insurance office, and students are encouraged to familiarize themselves with policy details and their responsibility in regard to insurance coverage.

Student Health Insurance

Health insurance coverage that includes hospitalization is required for all students enrolled for 4 or more credit hours. Students with health insurance coverage complete an online petition found at www.kosterweb.com to waive insurance. Students taking 4 or more hours will be charged automatically for health insurance for the entire year unless the students have

completed this waiver. Verification of other health insurance coverage is required to obtain a waiver.

Activities and Recreation Fees

The required student activities and recreation fees entitle degree-seeking students to use the facilities of Sarratt Student Center and the Student Recreation Center. The fees also cover admission to certain social and cultural events and subscriptions to certain campus publications. The activities fee for graduate students also includes funding for activities sponsored by the Graduate Student Council. Specific information on these fees is published annually in the *Student Handbook*. By payment of an additional fee, students and their spouses may use their identification cards for admission to athletic events.

The student activities fee and the student recreation fee will be waived automatically if the student is a part-time student registered for four or fewer semester hours and not registered in a thesis or dissertation research course. Students who reside beyond an approximate sixty-mile radius from campus as determined by ZIP code and students who want to have fees waived due to exceptional circumstances must petition in writing for a waiver online at www.vanderbilt.edu/recadmin. A \$10 late fee is assessed to eligible students who apply for waivers after August 19 for the fall semester and January 7 for the spring semester. No waivers are granted after the end of the semester in which the fee occurs, and per the *Student Handbook*, **there are no waivers of the summer activity and recreation fees.**

Transcripts

Academic transcripts are supplied by the University Registrar on written authorization from the student. Transcripts are not released for students with delinquent accounts. New students will be charged a one-time fee of \$30 for processing transcripts.

Financial Aid

The majority of our nursing students rely on financial aid to pay for the nursing program. Upon applying to the School of Nursing, a financial aid packet will be mailed to you in mid January. That packet will include directions about completing an online Vanderbilt University Nursing Graduate/Professional Financial Aid and Scholarship Application and the Free Application for Federal Student Aid (FAFSA). Once these forms are completed the student is then considered for all federal loans available based on your financial eligibility.

In order to qualify for financial loan assistance a student must be enrolled in at least six credits per semester and be degree seeking. Federal Stafford subsidized loans are need-based loans. Non-need-based loans are Federal Stafford unsubsidized loans as well as Federal Grad PLUS loans on which the interest accrues from the date of disbursement. Federal Grad PLUS loans are credit-based loans.

Financial aid awards are made after you are accepted to the School of Nursing and you have deposited. Assuming you have completed all of the appropriate financial aid paperwork, the School of Nursing (SON) Student Financial Services Office will send the student a financial aid award consisting of a nursing scholarship and loans in April for students planning to begin school in the fall.

Applying for Financial Aid

To apply for Federal Stafford subsidized and unsubsidized students loans and Federal Grad PLUS loans, as well as institutional funds, a current or prospective student must complete two application forms: the Vanderbilt University Graduate/Professional Financial Aid and Scholarship Application (available online only) and the Free Application for Federal Student Aid (FAFSA) (www.fafsa.ed.gov). The tax information from the previous tax year, as well as other factors on the FAFSA, combine to form an Expected Family Contribution (E.F.C.). This figure, along with other financial aid formulas, determines an individual's eligibility for financial aid based on federal guidelines. This information is then provided to the School of Nursing Student Financial Services Office which determines the types and amount of funding available based upon financial aid eligibility. Financial aid applications are not available for distribution until after January of each year and must be filed annually.

Student Loans

Student loans constitute the majority of a financial aid package. The Federal Stafford Loan Program and the Federal Direct Grad PLUS loans are borrowed from the Federal Direct Loan Program. The Federal Stafford subsidized loan is need based and has a six-month grace period prior to repayment. The maximum available is \$8,500 per academic year. The Federal Direct Stafford unsubsidized loan is non need based and also has a six-month grace period prior to repayment. The maximum available is \$12,000 per academic year. If a student does not qualify for a subsidized loan, it is possible to receive the entire \$20,500 as an unsubsidized loan. With a subsidized loan, the Department of Education pays the interest on the loan while the student is enrolled in school, during the grace period and any period of deferment. With an unsubsidized loan, the student is responsible for payment of the accruing interest and may request that payment be deferred until the grace period expires, at which time the interest is capitalized. All Federal Stafford loans must be repaid within 120 months, and the fixed interest rate on a Federal Stafford loan is 6.8 percent (for the 2011/2012 academic year).

As soon as the student has been awarded federal Stafford loans, the SON Student Financial Services Office will determine how much the student will be offered in a Federal Direct Grad PLUS loan. The Federal Direct Grad PLUS loan enables graduate/professional students with a good credit history to borrow to pay educational expenses for at least half-time enrollment (six hours or more a semester). The student may borrow up to the annual cost of attending Vanderbilt minus any other aid for which the student is eligible. The majority of loans offered will be Federal Direct Grad PLUS loans. The fixed interest rate on this loan is 7.9 percent (for the 2011/2012 academic year). Your eligibility for this loan is based on your credit history, and, in some cases, a co-borrower is required. The borrower generally begins repayment of a PLUS Loan within 60 days after the final loan disbursement. There is no grace period for these loans, so interest begins to accumulate at the time the first disbursement is made.

Internal Scholarships

All internal scholarships for M.S.N. students are merit based and are awarded based on a combination of the student's incoming grade point average and GRE or GMAT score. Scholarships for D.N.P. students are partial scholarships and are set at the same amount depending on the school's scholarship budget for that year. Full-time enrollment (12 hours per semester for M.S.N. students and 7 hours for D.N.P. students) is required to be considered for a scholarship award. Students do not apply directly to any of the scholarship benefactors; they simply need to complete the internal scholarship application available in mid-January. In order for students to be considered for scholarships, they must be accepted to the School of Nursing. All awards are made through the School of Nursing Scholarship Committee according to the requirements of the funding source. Part-time students and students who are pursuing a post-master's certificate are not eligible for scholarships but may qualify for some loans. The School of Nursing maintains an extensive list of scholarships available for women, minorities, and graduate students.

Full Tuition Scholarships

Three full-tuition, one-year scholarships are offered to incoming students. One is awarded to an outstanding first-year pre-specialty student. One is awarded to an outstanding direct-entry student, and one to an outstanding minority student. The rankings are based on the entering GPA and GRE test scores, and the recipients are determined by the scholarship committee. There are also three merit-based, one-year, full scholarships awarded to M.S.N. students with the highest GPA's entering their second year of study.

External Scholarships

All external scholarship applications must be initiated by the student. Applicants may find external scholarships from a local library, the Internet, religious organizations, community organizations and civic groups, foundations, fraternities, sororities, and clubs.

Disbursement of Financial Aid Funds

All financial aid (nursing scholarships and loans) is credited directly to the student's account. The financial aid file must be complete in order for available funds to credit the student's account. All loans are disbursed in equal installments to the student's account at the beginning of each semester. Any loan promissory notes and paperwork must be completed and signed before loan funds disburse to the student's account. Typically, scholarship funds are disbursed in the same manner.

Honors and Awards

Sigma Theta Tau

The Iota chapter of Sigma Theta Tau, international honor society of nursing, was installed at Vanderbilt University on 3 June 1953. Sigma Theta Tau is professional rather than social, and its purpose and functions may be compared to other honor societies. Sigma Theta Tau is a member of the Association of College Honor Societies.

Election to membership in the society is limited to students who have shown marked qualities of character, leadership, and ability in nursing and who have maintained a high scholastic average. Students in the direct entry M.S.N. program are eligible for membership after having completed 10 semester hours of the required curriculum. Students in the pre-specialty program are eligible for membership after having completed 22 hours of the required pre-specialty curriculum.

Founder's Medal

The Founder's Medal, signifying first honors, was endowed by Commodore Cornelius Vanderbilt as one of his gifts to the university. The Founder's Medal is conferred annually upon the graduating student in the School of Nursing who, in the judgment of the faculty, has achieved the strongest record in the areas of professional and academic performance in meeting the requirements for the master of science in nursing.

Amy Frances Brown Prize for Excellence in Writing

This prize is awarded each year there is a worthy candidate among the graduates of the School of Nursing. The selection is based upon papers submitted to meet course requirements in either the pre-specialty or specialist nursing component of the curriculum.

Specialty Awards

The School of Nursing Specialty Awards were initiated in August 1998 to recognize the most outstanding student in each specialty area. The awards are based on academic achievement, excellence in clinical practice, demonstrated leadership, community service and potential for future contributions to the nursing profession.

Honor Scholarships

Vanderbilt's highly competitive Honor Scholarship program is based on academic merit. Six full honor scholarships are awarded to M.S.N. students each year in recognition of exceptional accomplishment and high promise in the field of nursing. This list includes the names of our scholarships. Each full-time student is awarded only one scholarship each year.

Full Scholarships

THE HAROLD STIRLING VANDERBILT (HSV) SCHOLARSHIP honors the memory of the great-grandson of Commodore Cornelius Vanderbilt and president of the university's Board of Trust from 1955 to 1968. The scholarship covers full tuition for three semesters and is awarded annually to an outstanding minority student in the incoming class.

THE JULIA HEREFORD ALUMNI SCHOLARSHIP for a second-year student is awarded annually through the generosity of the Julia Hereford Society and the Julia Hereford Endowed Alumni Scholarship Fund.

THE C. W. KEMPKAU SCHOLARSHIP is awarded annually to an outstanding pre-specialty student in the incoming class.

THE LAURA CATHERINE RANKIN MEMORIAL SCHOLARSHIP for a second year student was established in Laura's memory by her parents, Dr. and Mrs. Allan Rankin, family, and classmates.

THE FRANCES SCOTT MORRISON SCHOLARSHIP for a second-year student was established in 2002. Preference is given to students who had relatives who served during World War II, specifically at Iwo Jima.

THE SCHOOL OF NURSING DEAN'S HONOR SCHOLARSHIP is awarded annually to an outstanding direct-entry student in the incoming class.

Partial Scholarships

THE HELEN T. ALFORD SCHOLARSHIP was established with a gift in 2005 and will be awarded annually to a student demonstrating merit and financial need.

THE SARA K. ARCHER MEMORIAL SCHOLARSHIP FUND FOR GERONTOLOGY NURSE PRACTITIONERS was established in 2007 and named in honor of former School of Nursing Dean Dr. Sara K. Archer, who passed away that year.

THE BOTTORFF FAMILY SCHOLARSHIP was established in 2003 through a generous donation of Denny and Jean Bottorff to be awarded to a student demonstrating exceptional merit

THE IMOGENE "GENE" WHITE BOTTORFF SCHOLARSHIP was established with a gift in 2008. Top priority shall be given to persons graduating from any high school in Boyle or Oldham County, Kentucky, or any qualified students who may have graduated elsewhere, but who are residents of such counties, or whose parent or grandparent is a resident (or was a resident at the time of his or her death).

THE EVA W., BARBARA T., SARA M. BOVENDER SCHOLARSHIP was established in 2010 to provide financial support to a deserving student.

THE INEZ BRAMLEY MEMORIAL SCHOLARSHIP was established in 2006 and will be awarded annually to a minority student demonstrating merit and need.

THE BURRUS MEDICAL SCHOLARSHIP FOR NURSES was established in 1987 by George R. Burrus, M.D., in honor of his daughters, Lisa, Kate, and Nan, who are Vanderbilt School of Nursing graduates.

THE JAMES AND JANET CARELL SCHOLARSHIP was established with a gift in 2005 and will be awarded annually to a student demonstrating merit and financial need.

THE LILLIAN CARY SCHOLARSHIP is awarded to an M.S.N. student in the Family Nurse Practitioner specialty. Selection is based on academic merit and financial need.

THE THOMAS CONE SCHOLARSHIP was endowed through a gift from Thomas and Charlotte Cone to be awarded annually to a worthy and needy student who is a single parent.

THE DR. ROBERT H. ELROD SCHOLARSHIP was endowed in 2010 to provide assistance to nursing students in memory of his daughter and in honor of his granddaughter.

THE ALICE THOMPSON FISCHER SCHOLARSHIP FUND was established with a gift in 2006 and will be awarded annually to a student demonstrating merit and financial need.

THE CHARLES B. FUNK AND CAROL S. FUNK SCHOLARSHIP was established with a gift in 2006 and will be awarded annually to a student who is a U.S. citizen demonstrating merit and financial need.

THE LA JUAN FURGASON SCHOLARSHIP was established by Mr. and Mrs. G. A. Furgason in memory of their daughter, a 1967 BSN graduate of the School of Nursing.

THE VIRGINIA M. GEORGE SCHOLARSHIP IN NURSING was established in 2005 to provide financial support for students enrolled in the family nurse practitioner program.

THE BOBBIE LEE GILMER SCHOLARSHIP FUND FOR NURSES was endowed in 2000 from a bequest of Bobbie Gilmer to be awarded annually to a worthy student.

THE DOROTHY S. GOLDSTEIN AND JULIE G. BOEHM SCHOLARSHIP was established by the late Dorothy Goldstein to be awarded annually to a minority student demonstrating both need and merit.

THE HALEY AWARD was endowed through a bequest from James H. Haley, Jr., to help support a worthy student of the School of Nursing.

THE HASSENPLUG SCHOLARSHIP was generated by the memorial initiated by the Class of '42 in memory of their creative teacher/mentor, Lulu K. Wolf Hassenplug. After ten dynamic and productive years at Vanderbilt, Hassenplug was the national leader who propelled nursing education to achieve true university stature. Endowment of the fund was reached in 2003 in honor of Hassenplug's 100th birthday. This award goes to an outstanding student whose career goal is directed toward academic nursing education.

THE WILLIAM RANDOLPH HEARST ENDOWED SCHOLARSHIP FUND was established for minority students. It is awarded to minority students on the basis of merit and need.

THE FRANCES M. HOUSTON SCHOLARSHIP FUND is endowed for the benefit of the School of Nursing. Preference shall be given to students from Cannon County, Tennessee, and then to the surrounding counties of Coffee, Dekalb, Rutherford, Wilson, and Warren.

THE LIZZIE MINOR HOUSTON SCHOLARSHIP was endowed through the bequest of George Houston in honor of his wife. Preference is given to students from Cannon County, Tennessee, first; then, after two years, students from the surrounding counties of Coffee, Dekalb, Rutherford, Warren, and Wilson are considered.

THE SAMMIE S. SHAPIRO-RACHEL S. KELLY SCHOLARSHIP was established by bequests from the estates of these two sisters, both Vanderbilt alumnae, and is supported by contributions from members of their family. It is awarded annually to a worthy and needy student.

THE ELIJAH NEVINS KIRKPATRICK SCHOLARSHIP is supported by the Frank Godchaux III family in memory of Mr. Kirkpatrick, a Vanderbilt alumnus and father of Mrs. Godchaux. It is awarded annually to a student demonstrating both exceptional merit and financial need.

THE MILAH P. LYNN SCHOLARSHIP FUND was established in 1996 by a gift from Milah and Stephen Lynn. This scholarship is to be awarded to worthy, needy students.

THE KATHLEEN SUZANNE NELSON SCHOLARSHIP FUND was endowed through a bequest from Dr. Robert A. Nelson, Jr., in memory of his daughter, a 1975 graduate of the school.

THE SALLY BAUM NORDLUND AND D. CRAIG NORDLUND SCHOLARSHIP IN NURSING was established with a gift in 2005 and will be awarded annually to a student demonstrating merit and financial need.

THE COLEMAN D. OLDHAM HONOR SCHOLARSHIP was endowed in 1997 by Coleman and Emma Oldham to be awarded annually to a male student from Madison County, Kentucky, first, and then consideration to a male student from Kentucky demonstrating merit and financial need.

THE PASS IT ON SCHOLARSHIP was established in 2004. The scholarship is awarded with the recipient's full understanding that, given the time and opportunity, the recipient will, after graduation, provide financial, emotional, and/or moral support to other nursing students seeking to further their education.

THE VALERE POTTER SCHOLARSHIP FUND was established originally by a gift from the late Valere Blair Potter. This scholarship is awarded annually to second year pre-specialty students demonstrating exceptional merit and financial need.

THE LAURA CATHERINE RANKIN SCHOLARSHIP was established in Laura's memory by her parents, Dr. and Mrs. Allan Rankin, family, and classmates. Selection is based on academic excellence.

THE TABITHA JOHNSON REEVES SCHOLARSHIP FUND was established in 1998 to be awarded to a worthy student with financial need.

THE PAMELA RICHARDSON MEMORIAL SCHOLARSHIP was established in 1995 by her family and friends in her memory. Pamela Richardson was a VUSN student at the time she died. The scholarship will be awarded annually to a second year student demonstrating financial need and exceptional merit.

THE SCHOOL OF NURSING ALUMNI SCHOLARSHIP is awarded annually to a student who can demonstrate a high level of participation in volunteer activities in the community and/or the School of Nursing.

THE JANICE AMBREY STALCUP MEMORIAL SCHOLARSHIP was established in 2011 by Doreen Wise, her nursing school roommate and friend, to provide financial support to deserving students.

THE ANN SCHUH TAYLOR SCHOLARSHIP IN NURSING was established with a gift in 2008 to be awarded annually to a student demonstrating merit and need.

THE VIRGINIA SADLER TOOMAY AWARD was established with a gift in 2005 to be awarded annually to a student demonstrating merit and need.

THE HILLIARD AND NANCY TRAVIS SCHOLARSHIP is supported by the generosity of Mrs. Nancy Travis and the late Mr. Hilliard Travis. Several awards are made annually to students in a variety of specialties.

THE JEANETTE AND LEON TRAVIS SCHOLARSHIP FOR NURSING AT ST. THOMAS HOSPITAL was established by Mrs. Jeanette Travis and the late Mr. Travis for nurses employed at St. Thomas Hospital who wish to pursue the M.S.N. degree at Vanderbilt University School of Nursing. Inquiries regarding this opportunity should be directed to the St. Thomas Career Center, (615) 222-2361.

THE FRANCES HELEN ZIEGLER TUNNELL SCHOLARSHIP FUND was endowed through the will of this former dean of the School of Nursing and is awarded to a student demonstrating merit and need.

THE VANDERBILT MEDICAL CENTER AUXILIARY STUDENT SCHOLARSHIP FUND was established in 2006 to be awarded to a student or students demonstrating merit and financial need.

THE LETTIE PATE WHITEHEAD SCHOLARSHIP FUND is supported by the Lettie Pate Whitehead Foundation. The awards are given to first-year, female pre-specialty students from southern states.

THE ZELLE SCHOLARSHIP was established in 1995. This scholarship is awarded annually to nursing students specializing in chronic care with a focus on rehabilitation nursing.

Courses of Study

Explanation of Symbols

200-level: Generalist nursing or upper-level pre-nursing courses

300-level: Specialist nursing courses

The university reserves the right to change the arrangement or content of courses, to change the texts and other materials used, or to cancel any course on the basis of insufficient enrollment or for any other reason.

Pre-Nursing Courses

NURS 150. Introduction to Microbiology. This course presents a basic introduction to microbiology with particular emphasis on the diversity of bacteria and viruses. Biological and chemical principles necessary to understand the genetics and metabolism of microorganisms will be presented. Pathogenesis, host immune defense mechanisms, and the rationale for the use of antimicrobial drugs will be described. Bacterial genetics and recombinant DNA technologies will be introduced. Spring. [3-4] Rollins-Smith.

NURS 210A. Human Anatomy and Physiology I. Integrative study of human anatomy and physiology. Emphasis on normal structure and function of body systems and homeostatic control mechanisms, with discussion of alterations in normal function that occur with pathological conditions. Material covered includes cell biology and biochemistry, integument, skeletal, muscular and nervous systems. Prerequisite: college-level biology and chemistry or permission of the instructor. Fall. [4] Cobb.

NURS 210B. Human Anatomy and Physiology II. Integrative study of human anatomy and physiology. This course is a continuation of NURS 210A. Emphasis on normal structure and function of body systems and homeostatic control mechanisms, with discussion of alterations in normal function that occur with pathological conditions. Material covered includes the sensory, endocrine, immune, cardiovascular, pulmonary, digestive, renal and reproductive systems. Prerequisite: NURS 210A or permission of the instructor. Spring. [4] Cobb.

NURS 231A. Introduction to Nutrition. This course is designed to assist the student in building a foundation of knowledge which may be used to evaluate nutrition information from varied sources as well as apply nutrition fundamentals to personal and population dietary recommendations. Nutrition research will be integrated with the basic principles of digestion and absorption, the role of specific nutrients in health and illness, and the role of nutrition throughout the lifespan. Topics to be addressed will include nutrition and physical fitness, weight control and energy balance, nutrition and health promotion, and nutrition programs and services available throughout the U.S. public health system. Fall, Spring. [2] Pope.

NURS 231B. Nutrition and Health: Issues and Insights. This course is designed to compliment NURS 231A to assist the student in building a foundation of knowledge used to evaluate nutrition information from varied sources and apply that knowledge to personal lifestyle and dietary choices. NURS 231B will expand upon nutrition topics introduced in NURS 231A, explore new nutrition related topics, and examine contemporary nutrition controversies. Students will have the opportunity to apply nutrition fundamentals to health promotion and disease prevention for themselves and others. NURS 231B will introduce students to the evaluation of nutrition research, interventions, and recommendations through use of an evidence-based medicine approach. Current research and topics of interest to be addressed will include nutrition concepts as related to life-style diseases (heart disease, cancer, obesity); dietary supplements; vegetarian diets; health implications of alcohol use and abuse; food allergies and intolerances; determinants of eating behavior; weight regulation and disordered eating; and nutrition/health issues unique to a college age population. Pre/corequisite: 231A. Fall, Spring. [1] Pope.

Generalist Nursing Courses and Electives

NURS 215. Foundations of Professional Nursing I. This course is the first of a two-course sequence addressing professional nursing. This course introduces the student to professional nursing. Historical beginnings, the organization and structure of the professional identity, and role development are explored. Building on this content, students are introduced to theories and models relevant to nursing. Using critical thinking, students will be introduced to clinical decision-making strategies, theory development and research methods. With guidance, students will analyze and synthesize information from a variety of sources related to professional nursing. Fall. [2] Kennedy and Staff.

NURS 216. Foundations of Professional Nursing III. This course addresses the transition into the practice of professional nursing. The student will have the opportunity to explore the dimensions and responsibilities of the professional nursing role by applying legal/ethical concepts and decision-making skills in a variety of settings. Prerequisite: 215, 217, 225, 246; corequisite: 237, 247A. Summer, Fall. [2] Kennedy.

NURS 217. Foundations of Professional Nursing II. This course is the second of a two-course sequence addressing professional nursing. The student in this course will identify, evaluate, and engage the various steps of scholarly inquiry in order to address research problems related to professional nursing practice. Students also will explore the theoretical and research foundations for evidence-based practice in nursing. Prerequisite: 215, 216, 218. Fall, Spring. [3] Bess and Staff.

NURS 218. Conceptual Basis for Nursing Practice. This course focuses on identification of the unique strengths/perceptions of each RN student and a development of an individualized plan for learning. The course assists RN students in identifying and developing strategies to foster critical thinking, lifelong learning, and nursing practice role development. Theory development and research are introduced as processes essential to the organization and development of nursing knowledge. Limited to RN students. Fall. [3] Bess.

NURS 219. Nursing Ethics Seminar. This seminar course addresses basic ethical principles and healthcare issues that promote ethical reflection. Using student-selected case studies, ethical dilemmas in health care are discussed. Students are expected to reflect on their personal values and beliefs, ethical principles, clinical experiences, and literature sources while discussing the case studies. Prerequisite: 218, RN Students. Spring. [3] Bess.

NURS 225. Population-Based Health Care. This course provides the student with an opportunity to explore population-based health care principles of prevention, health maintenance and health promotion within the context of Healthy People 2010. Notably, the course will focus on how these principles are used to increase healthy lifespan, decrease discrepancies in health status and health outcomes for different populations and assure access to preventive services for all. It emphasizes epidemiologic principles and population based holistic health promotion/disease prevention as an integral part of populations at risk for illness, disability, or premature death. Further, the course explores population-based care models and environments in which health care is delivered: community agencies, neighborhoods/communities, schools, the family, and the workplace. Legislation and policy implications for primary, secondary, and tertiary care will be discussed. Fall. [2] Waynick-Rogers.

NURS 227. Health Care Systems. This is a course that addresses health care systems and their related issues. Course content focuses on leadership and decision making theory, team building, communication, and managerial skills. The course also provides information on contemporary trends in the organization and delivery of health care to individuals, families, and populations. Quality improvement and legal issues

from a managerial perspective will also be discussed in this course. In addition, course content will include the impact of managed care and financial pressures on health care providers along with outcomes management, financial management, conflict resolution, and economic principles pertinent to the delivery of health care services. Prerequisite: 225. Spring, Summer. [3] Waynick-Rogers.

NURS 235. Human Experience of Health and Illness Across the Lifespan I. This is the first of three didactic courses examining the human experience of health and illness across the lifespan from infancy through senescence. The framework incorporates the following concepts and their influence on health and the response to illness: growth and development, gender, lifestyle, value systems, spirituality, ethnicity, environment, and psychosocial, economic, and cultural issues. The impact of these factors on individuals, families, and aggregates/populations/communities will be explored. Basic concepts/knowledge of selected interventions will be introduced, i.e. pharmacologic, peri-operative, and mental health. Selected health problems involving the cardiovascular, respiratory, integumentary, and endocrine systems will be presented; the epidemiology, pathophysiology, medical management (pharmacologic, non-pharmacologic, and surgical), and nursing management will be addressed. Health promotion, including primary, secondary, and tertiary, anticipatory guidance, and patient education will be discussed. Fall. [4] Inott and Staff.

NURS 236. Human Experience of Health and Illness Across the Lifespan II. This is the second of three didactic courses examining the human experience of health and illness across the lifespan—from infancy through senescence, including the childbearing cycle. The framework incorporates the following concepts and their influence on health and response to illness; growth and development, mental health, gender, lifestyle, value systems, spirituality, ethnicity, environment, and psychosocial, economic, and cultural issues. The impact of these factors on individuals, families, and aggregates will be explored. Basic concepts/knowledge of selected interventions will be introduced. Selected health problems involving the neurologic (including selected mental health disorders with appropriate treatment modalities and settings), muscular/skeletal, gastrointestinal, sensory (ear, eye, nose), and reproductive (including maternity focus) systems will be presented. The epidemiology, pathophysiology, medical management (nonpharmacologic, and surgical), and nursing management will be addressed. Health promotion, including primary, secondary, and tertiary, anticipatory guidance, and patient education will be discussed. Pre/corequisite: 215, 235. Spring. [5] Staff.

NURS 237. Human Experience of Health and Illness Across the Lifespan III. This is the third of three didactic courses examining the human experience of health and illness across the lifespan—from infancy through senescence, including the childbearing cycle—with an emphasis on increasingly complex and/or chronic health problems. The course provides the student with the theoretical basis to apply principles of chronic illness, including assessment and intervention skills, to at risk populations. Prerequisite: 236. Fall (RN students only), Summer. [4] Krau and Staff.

NURS 245. Fundamentals of Clinical Practice. This course is the first of a sequence of three clinical practice courses designed to provide the student with the opportunity to learn and practice the skills of assessment, patient care and care planning in a didactic classroom setting and a simulated laboratory and then in a clinical area for a variety of client populations across the lifespan (newborn, pediatric, adolescent, adult, older adult, and child-bearing families). A variety of health care settings will be utilized for practice. At the end of the course, the student, with maximum faculty assistance and guidance, will be able to analyze data, develop a basic plan of care, safely and accurately implement selected basic nursing interventions, and evaluate the plan's effectiveness. Pre/corequisite: 215, 225, 235, 255A. Fall. [5] Jessee.

NURS 246. Integration of Theoretical and Clinical Aspects of Nursing I. This course is the second of a sequence of three clinical practice courses. It is designed to provide the student with the opportunity to integrate theory and practice the skills of assessment, patient care, and care planning in a clinical area for diverse client populations across

the lifespan (newborn, pediatric, adolescent, adult, older adult, and child-bearing families). A variety of health care settings will be utilized for practice. At the end of the course, the student with moderate faculty assistance and guidance will be able to analyze data, develop a basic plan of care, safely and accurately implement selected nursing interventions, and evaluate the plan's effectiveness for physiologic and psychosocial health needs. Prerequisite: 215, 225, 235, 245, 255A; corequisite: 217, 236, 255B. Spring. [4] Jessee.

NURS 247A. Integration of Theoretical and Clinical Aspects of Nursing II. This course is the final rotation of the second in the sequence of three clinical practice courses. This course is designed to provide the student with the opportunity to learn and practice the skills of assessment, patient care, and care planning in a clinical area for diverse client populations across the lifespan (newborn, pediatric, adolescent, adult, older adult, and child-bearing families). A variety of health care settings will be utilized for practice. At the end of the course, the student with moderate faculty assistance and guidance will be able to analyze data, develop a basic plan of care, safely and accurately implement selected nursing interventions, and evaluate the plan's effectiveness for physiologic and psychosocial health needs of the complex clients, their families, and the health needs of a community. Prerequisite: 215, 217, 225, 226, 235, 236, 245, 246, 255A, 255B; corequisite: 216, 227, 237. Summer. [2] Jessee.

NURS 247B. Integration of Theoretical and Clinical Aspects of Nursing III. This course is the third of a sequence of three clinical practice courses. This course is designed to provide the student with the opportunity to learn and practice the skills of assessment, patient care, and care planning in a clinical area for diverse client populations across the lifespan (newborn, pediatric, adolescent, adult, older adult, and child-bearing families). A variety of health care settings will be utilized for practice. At the end of the course, the student with minimum faculty assistance and guidance will be able to analyze data, develop a basic plan of care, safely and accurately implement selected nursing interventions, and evaluate the plan's effectiveness for physiologic and psychosocial health needs of the complex clients, their families, and the health needs of a community. Prerequisite: 215, 216, 217, 225, 227, 235, 236, 237, 245, 246, 255A, 255B, 247A; Summer. [2] Jessee.

NURS 248. Basic Health Assessment. This course is designed to provide the RN student the opportunity to learn and practice the skills of assessment in a classroom, laboratory setting, and then in a clinical area for a variety of client populations across the lifespan. The student's specialty population will be considered in the choice of health care setting utilized for practice. Limited to RN students. Fall. [3] Staff.

NURS 249. Integration of Theoretical and Clinical Aspects of Community Health Nursing. This course is an introduction to the scope and practice of family and community health nursing. It emphasizes, through didactic and community practice, the promotion and maintenance of the health of diverse populations across the lifespan. The epidemiological process and the nursing process serve as the organizing framework for didactic content and clinical interventions to support family and community health. Social, cultural, economic, environmental, and ethical issues related to specific populations will be explored. Limited to RN students. Prerequisite: 225, 248; corequisite: 227. Spring. [3] Fogel.

NURS 251. Independent Study—Non Clinical. [1-6]

NURS 255A. Basic Pharmacology I. This course presents an introduction to pharmacologic knowledge, the clinical indications for drug use as a treatment modality, and the role of the nurse in drug therapy. The course will present content on the prototype drug from major drug classifications that serve as a framework for continued self-study of new drug information. Emphasis will be on the drug classifications and their respective prototype drug(s) that are more commonly encountered in drug therapy. Fall. [2] Krau.

NURS 255B. Pharmacology for Nursing Care. This course extends and builds upon pharmacological knowledge from earlier pharmacology course and the Health and Illness Across the Lifespan series. The focus of the course is drug therapy most commonly seen in specific

clinical settings and specific patient situations. The course will present a context for the safe drug administration for continued self-study of new drug information. Emphasis will be placed on pharmacological interventions to achieve safe and optimal patient outcomes. Prerequisite: 255A; corequisite: 236. Spring. [2] Krau.

NURS 257. The Nurse as a Teacher and Facilitator of Learning. This course expands on the RN students' current knowledge and skills in patient education. The course addresses the professional nurse's role as a facilitator of learning for patients, families, and fellow nurses. The RN student applies concepts and processes, such as motivation, improvement process, change, and the teaching and learning process to his or her personal and professional nurse roles. Limited to RN students. Fall. [2] Bess.

NURS 260. Nursing Externship.

Specialist Nursing Courses and Electives

Enrollment in specialist courses (300 level) requires graduate-level standing and admission to the specialty or permission of the instructor.

NURS 300. Theoretical Foundations of Advanced Nursing Practice. This course prepares students to critique, evaluate and utilize theory within their nursing practice. The student applies a wide range of theories from nursing and related disciplines to develop a comprehensive and holistic approach to care. The focus is on mid-range theories with emphasis on integration of theory into advanced nursing practice. This course is not applicable toward the Master of Science in Nursing degree for students who entered the specialist component after the 2010/2011 academic year. Fall. [2] Watters.

NURS 301. Research Methods for Advanced Nursing Practice. This course prepares students to critique, evaluate and use research within their nursing practice. Advanced nursing practice uses a wide range of empirical findings to provide quality health care, initiate change, and improve nursing practice. At the conclusion of the course, the student will be proficient at critiquing and evaluating research findings relevant to advanced nursing practice. Prerequisite: 300 or permission of the instructor. This course is not applicable toward the Master of Science in Nursing degree for students who entered the specialist component after the 2010/2011 academic year. Spring. [3] Watters.

NURS 302. Theory, Research, and Advanced Nursing Practice: Integration and Application. This course provides a capstone experience, which requires integration of content from previous courses and experiences. Students will identify a clinical problem in their advanced nursing specialty, demonstrate an understanding of the research and theory related to this problem, critically analyze the problem and current knowledge, and identify a strategy that will impact evidence-based clinical practice. Prerequisite: 300, 301. This course is not applicable toward the Master of Science in Nursing degree for students who entered the specialist component after the 2010/2011 academic year. Fall, Spring, Summer. [2] Watters.

NURS 303. Health Care Delivery Systems. This course provides the student with the understanding of how the business of health care affects the practice of health care. Students analyze and evaluate health care delivery systems. The relationships between various stakeholders including consumers, providers, payers, regulatory agencies, and policy makers and their effect on health care are described. The focus is on economic implications of health planning, organization of personnel and resources, the design of payment systems, and the outcome analysis of health care delivery, including the cost effectiveness of health care services. This course is not applicable toward the Master of Science in Nursing degree for students who entered the specialist component after the 2010/2011 academic year. Fall, Spring, or Summer, on a rotating basis. [2] Pilon.

NURS 304. Transitions to the Advanced Practice Role. This course builds upon previously acquired knowledge and experience of the professional nurse role. The course focuses on the interaction of the advanced practice nurse with the health care system, colleagues, and

client system. Students develop a personal philosophy of practice that is consistent with professional practice standards. This course gives direction in managing careers and modifying clinical practice. This course is not applicable toward the Master of Science in Nursing degree for students who entered the specialist component after the 2010/2011 academic year. Fall, Spring, Summer. [1] Crutcher.

NURS 304B. Nurse-Midwifery Role Synthesis, Exploration, and Analysis. Nurse midwives, as advanced practice nurses, are viewed as potential national and international leaders in health care and managers of clinical practices. Successful practice is based on understanding management principles and interpersonal, interdisciplinary and organizational relationships. This course provides opportunity to analyze and interpret organizational structures and the dynamics of NMW practice. Study of the "work" and financial management of NMW practices is provided through case study discussion. Students will complete a project to analyze management principles and interpersonal, interdisciplinary and organizational relationships identified in a business structure for practice, extrapolate components organizational behavior, and develop strategies to address practice realities, needs and/or dilemmas. The American College of Nurse-Midwives (ACNM) Core Competencies for Basic Midwifery Practice (including Hallmarks of Midwifery and Midwifery Management Process), Standards for Midwifery Practice, and Code of Ethics provide the base to analyze issues inherent in clinical practice. The course builds on information initially discussed in 304 Transitions to the Advanced Practice Role and 303 Health Care Delivery Systems. Prerequisite: 305B, 309A, 327A, 330, 331, 333, 334, 335, 336, 337, 338 or permission of the Nurse-Midwifery program director; corequisite: 339 or permission of the Nurse-Midwifery program director. Fall. [2] Staff.

NURS 304C. Teaching/Learning Methodology and Strategies. This course is designed to provide theoretical and practical experiences in learning and teaching strategies. Students develop fundamental knowledge of instructional design, techniques of learning, and evaluation of teaching/learning process. Spring. [1] Norman.

NURS 305A. Advanced Health Assessment and Clinical Reasoning. This course is the foundational didactic course for NP and nurse midwifery practice. Students differentiate abnormal from normal findings using advanced assessment techniques, interpret diagnostic study results, and use clinical reasoning to formulate diagnoses for culturally diverse individuals. Students interpret data and problem solve utilizing case studies and surrogate patients. Health promotion and disease prevention strategies are discussed. Prerequisite: Admission to specialty and graduate-level standing. Fall. [3] Bull and Staff.

NURS 305B(A). Advanced Health Assessment Applications for Acute Care Nurse Practitioners. This course builds on knowledge of advanced health assessment with a focus on clients commonly seen in the acute care practice setting. Advanced health assessment skills include obtaining appropriate health histories and performing physical examinations on adult patients with complex problems, in a variety of acute and chronic health care settings, as well as participating in direct patient care. In addition, the course emphasizes proper documentation of data obtained from the history and physical exams and the development of appropriate differential diagnoses, problem lists, and therapeutic plans of care. Pre/corequisite: 305A, graduate-level standing, admission to the specialty. Fall. [1] King and Staff.

NURS 305B(B). Advanced Health Assessment Applications for Adult Nurse Practitioners. This course builds on knowledge of advanced health assessment with a focus on clients commonly seen in the adult practice setting. Advanced health assessment techniques are emphasized. Diverse approaches are used in expanding proficiency in conducting histories and physical examinations in clinical laboratory settings with adult clients. Pre/corequisite: 305A, graduate-level standing, admission to the specialty. Fall. [1] Bradley and Staff.

NURS 305B(C). Advanced Health Assessment Applications for Family Nurse Practitioners. This course builds on knowledge of advanced health assessment with a focus on clients commonly seen in the family practice setting. Advanced health assessment techniques

are emphasized. Diverse types of approaches are used in expanding proficiency in conducting histories and physical examinations in laboratory and clinical settings. Communication techniques unique to the specialty population are emphasized. Systematic and organized health assessments that are sensitive to cultural and developmental needs are explored. Pre/corequisite: 305A, graduate-level standing, admission to the specialty. Fall. [1] Bradley and Staff.

NURS 305B(D). Advanced Health Assessment Applications for Nurse-Midwifery. This course builds on knowledge of advanced health assessment with a focus on clients commonly seen in the nurse-midwifery practice setting. Techniques, including communication skills, used in assessment of the health status of women and the fetus are developed and refined in laboratory and clinical settings. Congruence of philosophical concepts among the profession, school, and the program is introduced. The American College of Nurse-Midwives (ACNM), Core Competencies for Basic Midwifery Practice (including Hallmarks of Midwifery and Midwifery Management Process), Standards for Midwifery Practice, and Code of Ethics provide the basis for clinical actions. Pre/corequisite: 305A, graduate-level standing, admission to the specialty. Fall. [1] Collins and Staff.

NURS 305B(F). Advanced Health Assessment Applications for the Psychiatric-Mental Health Nurse Practitioner. This course builds on knowledge of advanced health assessment with a focus on co-morbid physical and psychiatric conditions commonly seen in psychiatric/mental health settings, with an emphasis on expanding proficiency in conducting histories and physical examinations. Communication techniques unique to the specialty population are emphasized. Systematic and organized health assessments related to identification of co-morbidity and interrelationship of physical and psychiatric conditions and treatments are explored. Experienced PMH practitioners, psychiatrists and other related providers serve as role models in clinical practice. The course emphasizes the integration of health assessment strategies that are sensitive to the psychosocial needs of mental health clients. Pre/corequisite: 305a, graduate-level standing, admission to the PMHNP program. Fall. [1] Hoehler and Staff.

NURS 305B(G). Advanced Health Assessment Applications for the Women's Health Nurse Practitioner. Advanced techniques used in assessment of the health status of women are taught. Students in this course have the opportunity to enhance and refine their assessment and diagnostic skills in a laboratory setting. Diverse applications are used to expand proficiency in history taking and health assessment techniques specifically directed at the health care of women, to include antepartum surveillance. Pre/corequisite: 306A, graduate-level standing, admission to the specialty. Fall. [1] Daddario and Staff.

NURS 305B(H). Advanced Health Assessment Applications for the Family and Acute Care Nurse Practitioners. This course builds on knowledge of advanced health assessment with a focus on clients commonly seen in the family practice setting. Advanced health assessment techniques are emphasized. Diverse types of approaches are used in expanding proficiency in conducting histories and physical examinations in laboratory and clinical settings. Communication techniques unique to the specialty population are emphasized. Systematic and organized health assessments that are sensitive to cultural and developmental needs are explored. Students are introduced to the dynamics of the managed health care environment. Experienced nurse practitioners serve as role models in clinical practice. Pre/corequisite: 305A, graduate-level standing, admission to the FNP/ACNP program. Fall. [1] Wilbeck.

NURS 305B(I). Advanced Health Assessment Applications for the Clinical Nurse Specialist/Clinical Nurse Leader. This course builds on knowledge of advanced health assessment with a focus on clients commonly seen in the clinical nurse specialist or clinical nurse leader setting. Advanced health assessment techniques are emphasized. Diverse types of approaches are used in expanding proficiency in conducting histories and physical examinations in laboratory and clinical settings. Communication techniques unique to the specialty population are emphasized. Systematic and organized health assessments that are sensitive to cultural and developmental needs are explored.

Students are introduced to the dynamics of the managed health care environment. Experienced nurse practitioners serve as role models in clinical practice. Pre/corequisite: 305A, graduate-level standing, admission to the CNSA or CNL program. Fall. [1] Watters.

NURS 305C. Advanced Neonatal Health Assessment. This course provides opportunities for students to develop the knowledge and skills needed to perform a comprehensive health and gestational age assessment. Data to collect when eliciting a health history, principles of performing a physical and gestational age assessment, diagnostic study interpretations, and examination techniques are stressed in the didactic portion of the course. Critical thinking is emphasized as the basis for synthesis of knowledge regarding the performance of a health histories, physical assessments, and identification of potential diagnostic tests for alterations in clinical findings. Emphasis is placed on the recognition of assessment findings that deviate from normal. A seven-week supervised clinical experience in the regular newborn nursery and neonatal intensive care unit provides students with opportunities to perform health histories, health assessments and gestational age assessments with both normal and preterm infants. Fall. [3] Kraft.

NURS 305D. Advanced Health Assessment in Family-Centered Pediatric Practice. Students differentiate abnormal from normal findings using advanced assessment techniques, interpret diagnostic study results and use clinical reasoning to formulate diagnoses for culturally diverse pediatric patients. Synthesizing a systematic, organized, family-centered health assessment that is sensitive to growth and development needs is emphasized. Health promotion and disease prevention strategies are discussed. Pre/corequisite: Graduate-level standing, admission to specialty. Fall. [2] Witherington and Staff.

NURS 305E. Advanced Health Assessment Applications for the Primary Care Pediatric Nurse Practitioner. This course builds on knowledge of advanced health assessment with focus on clients commonly seen in the pediatric practice setting. Techniques, including communication skills, used to assess the health status of children and adolescents are enhanced and refined. Diverse clinical experiences are used to develop proficiency in history taking and health assessment techniques with infants, children, and adolescents within the context of family-centered care. Synthesizing a systematic and organized health assessment that is sensitive to growth and developmental needs and which will provide the most pertinent data with the least risk to the infant and child-adolescent is emphasized. Prerequisite: Graduate-level standing and admission to the Pediatric Nurse Practitioner program. Pre/corequisite: 300, 305D, 308, 311, 312A. Fall. [1] Witherington and Staff.

NURS 305F. Advanced Health Assessment and Clinical Reasoning for Acute Care Nurse Practitioner. Students differentiate abnormal from normal findings using advanced assessment techniques, interpret diagnostic study results, and use clinical reasoning to formulate diagnoses for culturally diverse individuals. Students interpret data and problem solve utilizing case studies and surrogate patients. Health promotion and disease prevention strategies are discussed. Prerequisite: Admission to specialty and graduate-level standing. Fall. [3] Wilbeck.

NURS 305G. Advanced Health Assessment Applications for the Acute Care Pediatric Nurse Practitioner. This course builds on knowledge of advanced health assessment with focus on clients commonly seen in pediatric practice settings. Techniques, including communication skills, used to assess the health status of children and adolescents are enhanced and refined. Diverse clinical experiences are used to develop proficiency in history taking and health assessment techniques with infants, children, and adolescents within the context of family-centered care. Synthesizing a systematic and organized health assessment that is sensitive to growth and developmental needs and will provide the most pertinent data with the least risk to the infant and child/adolescent is emphasized. Pre/corequisite: 300, 305D, 308, 311, 312A. Fall. [1] Allen and Staff.

NURS 306A. Advanced Physiologic and Pathophysiologic Foundations of Acute Care. This course provides in-depth discussion of complex physiologic and pathophysiologic processes related to the central, peripheral, and autonomic nervous systems; cardiovascular, respiratory, and renal systems; hematopoiesis, inflammation, immunity,

microcirculation, neuromuscular synapse, skeletal and smooth muscle, and acid-base balance are discussed at biochemical, cellular, organ, system, and human organism levels. Hormonal regulation is integrated with various physiologic and pathophysiologic processes. Emphasis is on integration of concepts as a basis for understanding interrelationships among complex physiologic and pathophysiologic processes. Prerequisite: Courses in undergraduate-level human anatomy and physiology. Fall. [4] Lancaster.

NURS 306B. Reproductive Anatomy and Physiology. Normal anatomy and physiologic processes of reproduction, including changes during the maternity cycle, are studied. Selected physiologic processes associated with healthy women across the lifespan, human genetics, development of the products of conception, the maternity cycle and the implications for client adaptations are examined. Prerequisite: Approval of the instructor. Fall. [2] Schorn.

NURS 306C. Developmental/Neonatal Physiology. This course provides an in-depth examination of human genetics and embryologic development of the fetus. The mechanisms involved in cell division, gametogenesis, and inheritance patterns are addressed. The structural and functional development of fetal systems, during critical periods, are emphasized. Normal and abnormal fetal development and alterations in physiology are explored. Environmental factors that influence the structural and functional development of fetal systems are discussed. Clinical implications of alterations in structure and physiologic functioning are also addressed. The legal, ethical and financial implications of genetic therapy, in-vitro fertilization and long-term care of infants with genetic abnormalities are discussed. Prerequisite: Graduate-level standing and admission to the NNP specialty level courses. Can be taken as a special student with permission of the instructor. Fall. [3] D'Apolito.

NURS 307. Advanced Pharmacotherapeutics. This course is designed to provide students with the knowledge of pharmacokinetics that will enable the student to safely and appropriately select pharmacologic agents for the management of common acute and chronic health problems of diverse populations. Specific content of the course covers representative drugs of a pharmacologic group, indications for use, drug selection, titration of dose, key adverse effects, and monitoring of therapy and alternative therapy. Pre/corequisite: 305A. Fall, Spring. [3] Busby.

NURS 307A. Primary Care Pharmacotherapeutics for Psychiatric-Mental Health Nurse Practitioners. This course is designed to provide psychiatric-mental health nurse practitioner students with the knowledge of pharmacokinetics of primary-care pharmacologic agents used to manage common acute and chronic health problems of diverse populations of psych-mental clients. Specific content of the course covers representative drugs of a pharmacologic group, indications for use, drug selection, titration of dose, key adverse effects, and monitoring of therapy and alternative therapy. Special emphasis is placed on significant interactions between psychopharmacologic agents and common pharmacologic agents used in primary care. This course is NOT designed to provide psychiatric-mental health nurse practitioner students with a complete primary care pharmacology course. Pre/corequisite: Graduate-level or postgraduate-level standing; 305, 308, 353. Fall. [2] Anathamatten.

NURS 307C. Advanced Pharmacotherapeutics for Acute Care Practitioners. This course builds on knowledge of the basic principles of pharmacology to establish a knowledge base for clinical judgments in the pharmacologic management and evaluation for individual patients as related to the role of Acute Care Adult Nurse Practitioners. Drug interactions, incompatibilities, side effects, and contraindications are discussed. Appropriate patient education is integrated. Pre/corequisite: 306A. Fall. [3] Lancaster.

NURS 307D. Advanced Neonatal Pharmacotherapeutics. This course provides students preparing for roles within the Neonatal Nurse Practitioner specialty with knowledge of the pharmacotherapeutics for common classifications of drugs used to care for neonates and infants. The physiologic action of selected prescription drugs, unexpected client responses and major untoward effects encountered in diseases of

the neonates are discussed. Pharmacokinetic and pharmacodynamic principles, their clinical application and the use of pharmacologic agents in the prevention of illness and the restoration and maintenance of health are emphasized. Emphasis is placed on indications for correct drug choice, usual dose, routes of administration, pharmacological mechanisms in association with drug interactions, adverse effects; and contraindications for use are included. Discussions of clinical judgments in the management and evaluation of pharmacologic therapeutic agents for neonatal use are emphasized. Prerequisite: Graduate-level standing and admission to the NNP specialty. Can be taken as a special student with permission of the instructor. Spring. [3] Scott.

NURS 307E. Advanced Pharmacotherapeutics in Pediatrics. This course is designed to provide students with the knowledge of pharmacokinetics that will enable the student to safely and appropriately select pharmacologic agents (prescription and over the counter) for the management of common acute and chronic health problems of pediatric clients. Specific content of the course covers representative drugs of a pharmacologic group, indications for use, drug selection, titration of dose, key adverse effects, and monitoring of therapy and alternative therapy. Prerequisite: Graduate-level standing; admission to the Pediatric Nurse Practitioners program; 305D, 305E, 312A; corequisite: 312B. Spring. [3] Witherington.

NURS 308. Pathophysiologic Concepts. This course builds on pre-acquired knowledge of normal human anatomy and physiology. Classic and current research findings form the basis for analysis of pathophysiologic processes and their effect on individual and multiple body systems. Students analyze the effect and progression of selected disease entities in diverse populations across the lifespan. The course provides a foundation for clinical assessment, diagnosis and management of clients experiencing alterations or risks of alterations in their health status. Pre/corequisite: Courses in normal human anatomy and physiology. Fall, Spring. [3] Dunlap and Busby.

NURS 309A. Advanced Practice Nursing in Primary Care of the Adult. This course is designed to provide students with knowledge needed to assess and manage common acute and chronic health problems in the adult population. Multidimensional interventions are discussed (e.g., culturally and environmentally sensitive; health promoting). Pre/corequisite: 305A. Fall, Spring. [3] Staff.

NURS 309B. Advanced Practice Nursing in Primary Care of the Child. This course presents knowledge necessary for the practice of primary health care of children. Course content includes the principles of health promotion, disease prevention and assessment, and management of common primary health care problems in diverse pediatric populations. Emphasis is placed on developmental needs and the pathophysiologic processes underlying certain conditions. The impact of the family on the health of the child is explored. Students are introduced to the dynamics of the managed care environment. Corequisite: 305A. Spring. [2] Bradley.

NURS 309C. Advanced Practice Nursing in Primary Care of the Adolescent. This didactic course presents knowledge that is necessary for the practice of primary health care nursing of adolescents. Course content includes the principles of health promotion, disease prevention and assessment, and management of common primary health care problems in diverse adolescent populations. Emphasis is placed on developmental needs and the pathophysiologic processes underlying certain conditions. The impact of the family on the health of the adolescent is explored. Students are introduced to the dynamics of the managed care environment. Corequisite: 305A. Spring. [1] Bradley.

NURS 309D. Advanced Practice Nursing in Primary Care of the Elderly. In this didactic course, knowledge is presented that is necessary for the practice of primary health care nursing of the elderly. Course content includes the principles of health promotion, disease prevention and assessment, and management of common primary health care problems in diverse elderly populations. Emphasis is placed on developmental needs and the pathophysiologic processes underlying certain conditions. The impact of the family on the health of the elderly is explored. Students are introduced to the dynamics of the managed care environment. Prerequisite: 305A. Fall, Spring. [1] Kim.

NURS 309E. Advanced Practice Nursing in the Primary Care of the Woman. This didactic course presents the knowledge that is necessary for the practice of primary care of the female patient by advanced practice nurses. Course content includes the principles of health promotion, disease prevention and assessment, and the management of common primary health care problems in the female population. Emphasis is placed on management of women's health issues in a general, primary care setting. Pre/corequisite: 305A. Fall, Spring. [1] Moore.

NURS 311. Health Promotion of Behavior Development: Birth through Adolescence. This course focuses on the theoretical basis for pediatric advanced nursing practice emphasizing the development of the child and adolescent as an individual within the context of family and society. Using a family-centered approach, this course considers factors, techniques and research which facilitate or interfere with healthy development. Emphasis is placed on developing strategies for providing appropriate anticipatory guidance, health promotion, and disease prevention interventions within the life course. Pre/corequisite: Admission to PNP specialty or permission of course coordinator. Fall. [3] Witherington.

NURS 312A. Advanced Practice Nursing in Pediatric Primary Care—Part I. This is the first course in a two-part pediatric primary care didactic course sequence. Information is presented that is necessary for the practice of primary health care nursing of children and adolescents. Course content includes information related to the principles of health promotion, disease prevention, and assessment and management of common primary health care problems in children and adolescents by pediatric nurse practitioners. Content is presented within a family-centered and developmental perspective and includes content related to advanced pathophysiology, research, psychosocial factors, and ethical considerations. Prerequisite: Graduate-level standing, admission to the Pediatric Nurse Practitioner program; corequisite: 305D, 305E, 308. Fall. [3] Anderson.

NURS 312B. Advanced Practice Nursing in Pediatric Primary Care—Part II. In this second part of the pediatric primary care didactic course sequence, information is presented that is necessary for the practice of primary health care nursing of children and adolescents. Course content builds upon the information presented in Part I related to the principles of health promotion, disease prevention, and assessment and management of common primary health care problems in children and adolescents. Using a family-centered and developmental perspective, related advanced pathophysiology, research, psychosocial factors, and ethical considerations are explored. Prerequisite: 305D/E, 307E, 308, 312A; corequisite: 307E, 314A. Spring. [3] Witherington and Anderson.

NURS 312C. Advanced Practice Nursing in Pediatric Acute Care—Part I. In this first part of the pediatric acute care didactic course sequence, information is presented that is necessary for the practice and management of acutely ill, critically ill, and chronically ill children and adolescents. Course content relates to the principles of assessment and management of common health care problems in children and adolescents. A portion of the course includes information necessary for PNPs to care for pediatric clients with special needs and their families. Using a family-centered and developmental perspective, related advanced pathophysiology, research, psychosocial factors, and ethical considerations are explored. Prerequisite: 305D/E, 308, 312A; corequisite: 307E, 314C. Spring. [3] Allen.

NURS 312D. Advanced Practice Nursing in Pediatric Acute Care—Part II. In this second part of the pediatric acute care didactic course sequence, information is presented that is necessary for the practice of illness management of children and adolescents. Course content builds upon the information presented in Part I related to the principles of assessment and management of common health care problems in acutely ill, critically ill, and chronically ill children and adolescents. A portion of the course includes information necessary for PNPs to care for pediatric clients with special needs and their families. Using a family-centered and developmental perspective, related advanced pathophysiology, research, psychosocial factors, and ethical considerations are explored. Prerequisite: 305C/D, 308, 312A/C. Summer. [3] Allen.

NURS 313. Current Issues in the Delivery of Pediatric Care. The focus of this course is on the pediatric nurse practitioner role in developing, implementing, and evaluating comprehensive care with pediatric clients. Applications of effective strategies with selected families and populations are emphasized. The course provides an opportunity for synthesis of knowledge and skills, including management and communication strategies, health policies and trends, appropriate theories, and ethical principles. Prerequisite: 305D/E, 307, 308, 311, 312A/B or 312C/D, 314A; corequisite: 314B. Summer. [3] Witherington.

NURS 314A. Practicum in Primary Health Care of Children. This course is a precepted clinical practicum focusing on pediatric health care in the primary care setting with an emphasis on health promotion, management of common health problems, and client education. A developmental approach is used in assessing the child and adolescent and formulating the treatment plan. Nursing strategies to educate and assist children and families in adaptation to special health needs will be discussed and implemented. Learners also participate in clinical conferences where various pathophysiological and psychological processes encountered with the child and his/her family will be discussed. The role of the nurse practitioner as a primary health care provider in a variety of pediatric settings is examined. Learners explore relevant resources/research related to pediatric health care and apply findings to the care of clients. Prerequisite: 305D/E, 308, 311, 312A; corequisite: 307E, 312B (may be taken prior to NURS 314A if a 2- or 3-year part-time student). Spring. [4] Nelson and Staff.

NURS 314B. Advanced Pediatric Primary Care Preceptorship. The focus of this clinical practicum is on implementation of the pediatric nurse practitioner role in delivering primary care to pediatric clients. The preceptorship provides a broad practice experience which allows for synthesis of knowledge and skills acquired in prerequisite and corequisite coursework. Emphasis is on providing comprehensive care to pediatric clients and families across a variety of practice settings in collaboration with other health professionals. At least 240 of the total clinical hours will be in primary care settings. Clinical seminars will focus on professional role issues for pediatric nurse practitioners and case presentations. Prerequisite: 305D/E, 307E, 308, 311, 312A/B, 314A, RN licensure; corequisite: 313. Summer. [5] Kajihara-Liehr and Staff.

NURS 314C. Practicum in Acute Health Care of Children. This course is a precepted clinical practicum focusing on child health care with two foci: 1) an emphasis on management of pediatric acute conditions, and client education; and 2) an emphasis on the management of special health needs in children. A developmental approach is used in assessing the child and formulating the treatment plan. Learners will participate in a precepted clinical rotation in a pediatric health care setting that provides the opportunity for health assessment of the child and the formulation of a comprehensive plan of care. Clinical experiences will also provide students with the opportunity for health assessment and formulation of a comprehensive plan of care for children with special health needs. Nursing strategies to educate and assist children and families in adaptation to special health needs will be discussed and implemented. Learners will also participate in clinical conferences where various pathophysiological and psychological processes encountered with the child and his/her family will be discussed. The role of the nurse practitioner as an acute health care provider in a variety of acute pediatric settings will be examined. Learners will explore relevant resources/research related to child health care and apply findings to the care of clients. Prerequisite: 305D/E, 307E, 311, 312A/C, 314A, RN licensure. Spring. [4] Allen and Staff.

NURS 314D. Advanced Pediatric Acute Care Preceptorship. This course is a continuation of the precepted clinical practicum focusing on child health care with two foci: 1) an emphasis on management of pediatric acute conditions, and client education; and 2) an emphasis on the management of special health needs in children. A developmental approach is used in assessing the child and formulating the treatment plan. Learners will participate in a precepted clinical rotation in a pediatric health care setting which provides the opportunity for health assessment of the child and the formulation of a comprehensive plan of care. Clinical experiences will also provide students with the

opportunity for health assessment and formulation of a comprehensive plan of care for children with special health needs. Nursing strategies to educate and assist children and families in adaptation to special health needs will be discussed and implemented. Learners will also participate in clinical conferences where various pathophysiological and psychological processes encountered with the child and his/her family will be discussed. The role of the nurse practitioner as an acute health care provider in a variety of acute pediatric settings will be examined. Learners will explore relevant resources/research related to child health care and apply findings to the care of clients. Prerequisite: 305D/E, 307E, 311, 312A/C, 314A, RN licensure. Summer. [5] Allen and Staff.

NURS 315. Essential Components of Neonatal Intensive Care Nursing and Introduction to Advanced Practice Neonatal Nursing Skills.

This course provides students with an introduction to the advanced practice skills commonly performed by neonatal nurse practitioners. A step-by-step practical approach is taken to describe the procedures. Students demonstrate an understanding of essential intensive care nursery concepts, skill, and equipment necessary for completing direct bedside assessment and care of neonates in a safe manner. The theoretical basis, indications and complications for these skills are emphasized. Students have the opportunity to practice the skills presented in the course under the supervision of experienced Advanced Practice Neonatal Nurses. Students become NRP Certified as a part of this course. The differentiation between normal and abnormal lab values is also emphasized. Prerequisite: 305C, 306C, 316; corequisite: 307D, 317A/B. Spring. [3] Scott.

NURS 316. Theoretical Foundations of Neonatal Care. This course focuses on the theory and research related to the health status and care of neonates and infants. Emphasis is placed on theories of attachment, infant growth and development. This course is designed to help students in the use of critical thinking to foster health promotion, primary prevention of illness, and health maintenance. Growth and developmental issues, sleep/wake cycles, crying, newborn laboratory screening, feeding, immunizations, safety, infant behavior and common parental concerns are addressed. Normal variations and minor disruptions in aspects of newborn and infant health are emphasized. Knowledge synthesized from this course provides an essential working foundation for future neonatal/infant course work. Clinical practice in the role of the NNP related to infant outcomes and ethical dilemmas is discussed. Corequisite: 306C. Fall. [2] D'Apolito.

NURS 317A. Neonatal Pathophysiology and Management I. This is the first of two sequential courses in which students examine the pathophysiology and management of ill neonates/infants and their families. Theory and research form the basis for discussions of clinical assessment and restorative care. This course emphasizes the role of the advanced practice nurse in the care of high-risk neonates/infants. Perinatal risk factors associated with variations in neonatal health and functioning are also examined. Prerequisite: Graduate-level standing and admission to the NNP specialty level courses; corequisite: 305C, 306C, 316. Fall. [3] Scott.

NURS 317B. Neonatal Pathophysiology and Management II. This is the second of two sequential courses in which students examine the pathophysiology and management of ill neonates/infants and their families. Theory and research form the basis for discussions of clinical assessment and restorative care. This course continues to emphasize the role of the advanced practice nurse in the care of high-risk neonates/infants. Integration of previous knowledge of embryology, physiology, pathophysiology, interpretation of lab data, radiologic findings and collaboration with other health professionals is emphasized. Prerequisite: 305C, 306C, 316, 317A; corequisite: 315. Spring. [3] D'Apolito.

NURS 318. Neonatal Practicum. Clinical practicum and seminars provide opportunities for developing advanced skills in the nursing care of critically ill and recovering neonatal clients. Experiences in facilitating and evaluating continuity of care across several settings are a major thrust. Students work collaboratively with NNPs on unit-based research projects as part of the practicum. Advanced practice nursing roles and expert skills are critically examined in clinical and individual conferences.

RN licensure is required prior to beginning clinical hours. Prerequisite: 305C, 306C, 315, 316, 317A/B. Spring. [4] D'Apolito and Scott.

NURS 319. Neonatal Preceptorship. Students synthesize theory, knowledge, and skills from previous courses within the neonatal nurse practitioner scope of practice. Clinical preceptorships provide students with opportunities to further develop expertise relevant to the assessment and management of groups of neonates. Prerequisite: 300, 301, 302, 303, 304, 305C, 306C, 315, 316, 317A/B, 318. Summer. [6] D'Apolito.

NURS 320A. Principles of Older Adult Health I: Health Care Management of the Aged. Students examine selected age-related changes, disease processes and co-morbidity. Pathophysiology, clinical presentations, interventions, and outcomes are identified. Principles of health promotion and prevention and rehabilitation are included. Gerontological theories are critiqued. The role of the Gerontology Nurse Practitioner (GNP) as a provider for older adults is delineated. Pre/corequisite: 305A/B, 307A, 309A/C/D. Spring. [2] Kim.

NURS 320B. Principles of Older Adult Health II. Psychological theories of aging are critiqued. Students examine selected age-related transitions in cognitive developmental and social role and support. Pathophysiology, clinical presentations, interventions, and outcomes are identified. Legal, ethical, economical, social, and policy issues impacting older adults and their care are examined. Pre/corequisite: 305A/B, 307A, 309A/D, 320A/B. Summer. [2] Kim.

NURS 321. Practicum in Older Adult Health. Students apply the roles and functions of the gerontology nurse practitioner (GNP) in a variety of settings. Students apply selected gerontologic and nursing theories in their care. Knowledge of health, disease processes, and principles of rehabilitation are used in assessing older adults, families, and caregivers. Students develop a comprehensive plan of care. Cultural, social, legal, ethical, and policy issues are considered. Students complete their practicum with a nurse practitioner or physician. Pre/corequisite: 305A/B, 307A, 309A/D, 320, 321, 363B. Spring. [3] Kim.

NURS 322A. Principles of Cardiovascular Health I. This course provides students with the clinical knowledge to effectively care for individuals with or at risk for developing cardiovascular disease. The focus is on risk appraisal, including assessment and primary care management of cardiovascular disease. Specific focus is given to the main risk factors associated with the development of cardiovascular disease-hypertension, diabetes, high cholesterol, smoking, and obesity. Management of these co-morbid conditions is presented. Nursing interventions to reduce risk, such as screening, health promotion, and case management, as well as collaboration within the interdisciplinary health team are critically analyzed. Pre/corequisite: 305A/B, 308, 309A, 363B. Spring. [2] Hopkins.

NURS 322B. Principles of Cardiovascular Health II. This course continues to build upon the knowledge gained in NURS 322A or NURS 340A. The course provides students with the clinical knowledge to effectively care for individuals with or at risk for developing cardiovascular disease. The focus is on management of cardiovascular diseases. This course builds upon knowledge of the main risk factors associated with the development of cardiovascular disease and presents the pathophysiology and clinical management of complex cardiovascular conditions. Case management as well as collaboration within the interdisciplinary health team is incorporated. Student integrates the role of the advanced practice nurse and pathophysiological concepts related to cardiovascular diseases. Prerequisite: 305A/B, 307, 322A, 308, 309A, or 340A/B, 363B, or permission of the course coordinator. Summer (for ANP students), Spring (for ACNP students). [2] Hopkins and King.

NURS 323. Practicum in Cardiovascular Health. This clinical practicum provides the student with the opportunity to implement the role of the adult nurse practitioner independently while under the supervision of other health care professionals. Students are responsible for providing primary care to individuals with or at risk for developing cardiovascular disease, as well as co-morbid illnesses. Students are responsible for assessment, diagnosis, and therapeutic interventions, including health promotion and disease prevention. Pre/corequisite: 305A/B, 307, 309A, 322A/B, 363B. Spring. [3] Hopkins.

NURS 325A. Palliative Care I: Advanced Illness and Palliative Care.

This is the first of two courses in the palliative care focus and is designed to provide advanced practice nurses with the knowledge, skills, and attitudes important to providing care for clients and family members living with advanced illness. Paradigms are explored which link traditional models of both palliative and hospice care to the broader and deeper context of advanced illness in all developmental stages of life and living. The course emphasizes the importance of a holistic perspective and an understanding of the client and family as individuals with diverse spiritual and cultural needs and expectations. Learning activities assist students to identify and recognize their own feelings, needs, and issues regarding chronic care, acute care, advanced care, and issues pertaining to death and dying so that they can effectively serve the multicultural needs of clients and families in a variety of advanced illness and palliative care contexts. Content includes societal, physical, psychological, ethical, and spiritual aspects of living and dying. Other concepts of critical significance in the course include those related to symptom assessment, control, and management; ethical decision making; and therapeutic communication. Pre/corequisite: 305A/B, 307A, 308, 309A, 325C. Spring. [2] Lindstrom.

NURS 325B. Palliative Care II: Multidisciplinary Aspects of Loss, Grief, Death, and Bereavement.

This is the second of two didactic courses in the palliative care focus within the Adult Nurse Practitioner specialty and presents selected theory and practice components of loss, grief, death and bereavement. The course is designed to develop the knowledge and skills necessary for therapeutic and compassionate interactions with those facing advanced illness and death and builds upon the practicum experience taken in the spring semester. The student will apply a wide range of ideas, beliefs, and understandings from multiple disciplines to end-of-life patient care scenarios. Learning activities will assist the students to critically recognize their own feelings, learning needs, and biases regarding end of life care so that they can effectively serve the needs of clients and families in the palliative care trajectory. Pre/corequisite: 305A/B, 307A, 308, 309A, 309D, 325A, 363. Summer. [2] Lindstrom.

NURS 325C. Practicum in Palliative Care. This clinical practicum provides the student with the opportunity to implement the role of the adult nurse practitioner independently while under the supervision of other health care professionals in a palliative care or related practice. Students are responsible for providing holistic care to individuals with palliative (and associated primary) care needs. Students are responsible for assessment, diagnosis, planning care interventions, and evaluating outcomes of care. Pre/corequisite: 305A/B, 307A, 309A, 325A/B. Spring. [3] Lindstrom.

NURS 326. Women's Health Issues. In this course, students examine major historical, political and cultural influences on the health and health care of women in the United States. Students develop a woman-centered holistic approach to care, which is the central concept in their women's health nursing practice. Pre/corequisite: None. Summer. [1] Salisbury.

NURS 327A. Women's Health for Advanced Practice Nursing I.

Consistent with the emerging definitions of women's health and women's health practice, this course examines a full range of health issues unique to women. Women's health specialization includes prevention, the societal and political determinants of health, patient education, and reconceptualization of women's relationships with health care providers. Health assessment and maintenance as well as disease identification and treatment will be presented on a wellness to illness continuum. Students utilize current research in women's health and identify potential research opportunities. Pre/corequisite: 305A. Fall. [3] A. Moore.

NURS 327B. Women's Health for Advanced Practice Nursing II.

Building on prior knowledge of women's health, students begin to critically examine and evaluate concepts and research related to pregnancy and childbearing. This course focuses on advanced practice nursing knowledge necessary for the comprehensive assessment and case management of the childbearing family. Concepts include prevention, the societal and political determinants of health, patient education and reconceptualization of women's relationships with health care providers. Pre/corequisite: 308, 327A. Spring. [3] Daddario.

NURS 328. Practicum in Women's Health. In this practicum, students apply advanced knowledge of normal physiology, pathophysiology, and psychosocial concepts to nursing care of women across the lifespan. This practicum includes specific components of advanced nursing practice from self-directed clinical experience with expert professional nurse/physician preceptors in a variety of settings. Pre/corequisite: 305A/B, 307A, 309A, 327A/B. Spring. [3] A. Moore and Daddario.

NURS 329. Preceptorship in Women's Health. In the final preceptorship, students are given the opportunity to integrate knowledge and refine advanced practice skills by functioning in the women's health nurse practitioner role. The focus is on the synthesis of theory, knowledge, and skills from previous courses for the women's health nurse practitioner scope of practice. Pre/corequisite: 328, all core courses, RN licensure. Summer. [6] Daddario and Staff.

NURS 330. Antepartal Care for Nurse-Midwifery. This course provides the theoretical basis of individualized family-centered management of pregnancy for women of diverse cultural and socioeconomic backgrounds. Pregnancy is viewed as a normal physiologic and developmental process that affects and is affected by a variety of factors, including psychosocial, epidemiologic, legal and ethical issues. Strategies are presented for health promotion and disease prevention, including preconception and prenatal screening, health education, empowerment of women, and collaboration with other health care providers. Selected complications of pregnancy are addressed, and appropriate applications of technology, pharmacologic, nonpharmacologic, and common complementary and alternative therapies are considered. A variety of evidence supporting management decisions is critically examined, including published research, standards of care, and risk management principles. The American College of Nurse-Midwives (ACNM) Philosophy, Code of Ethics, ACNM Core Competencies for Basic Midwifery Practice (including Hallmarks of Midwifery and Midwifery Management Process), and the Standards for Midwifery Practice provide the framework of the course. Pre/corequisite: 306B, 327A. Spring. [3] Staff.

NURS 331. Nurse-Midwifery Practicum I. Students apply advanced knowledge of normal physiology, pathophysiology and psychosocial concepts to nurse-midwifery care of women from peri-menarche through post-menopause. Students apply specific components of the American College of Nurse-Midwives (ACNM) Philosophy, Core Competencies for Basic Midwifery Practice (including the Hallmarks of Midwifery and Midwifery Management Process), Standards for the Practice of Midwifery, and the Code of Ethics to women from peri-menarche through post-menopause including primary care, preconception, antepartal, and interconceptional periods. Clinical experience is under the supervision of nurse-midwifery, nurse practitioner, or physician preceptors in a variety of settings. Students have the opportunity to identify and discuss risk management and ethical issues inherent in clinical practice. Pre/corequisite: 305A/B, 307A, 327A; corequisite: 330. Spring. [2] Collins and Staff.

NURS 332A. Urogynecology for Advanced Practice Nursing. Building on prior knowledge of an experience with women's health, students will begin to critically examine and evaluate ideas and research related to urogynecology. This course focuses on advanced practice through the comprehensive assessment and management of the lower urinary tract, bowel, pelvic organs, and pelvic floor. Concepts include prevention, pathophysiology, assessment, management, and patient education. Fall. [3] Hull.

NURS 332B. Advanced Practice Urogynecology Skills. The lab course will provide the urogynecologic student the opportunity to learn urogynecology examination skills for the advanced practice nurse. The course is divided into three sections: The surrogate lab, the cadaver lab, and the pessary model lab. Fall. [2] Hull.

NURS 332C. Preceptorship in Urogynecology. In the urogynecology preceptorship, students are given the opportunity to integrate knowledge and refine advanced practice skills by functioning in the urogynecology nurse practitioner role. The focus is on the synthesis of clinical skills. Fall. [4] Hull.

NURS 333. The Evolution of Midwifery in America. This course surveys the historical and social literature of midwifery nursing and medicine in the context of the care of women and infants. Development of midwifery and the professional organization are analyzed and interpreted. Development of the midwife and nurse-midwife are examined in relation to societal, economic, and political issues involved in health care systems from the eighteenth century to the present. Dynamics that affect the medical and midwifery models of care will be discussed to provide critical understanding of women's health care in America. Prerequisite: None. Fall. [2] Staff.

NURS 334. Skills for Nurse-Midwifery. This course provides nurse-midwifery students with clinical experiences needed to develop skills necessary during uncomplicated birth and specific complicated or emergency situations in the intrapartum and postpartum periods. Prerequisite: 330. Summer. [1] Schorn.

NURS 335. Practicum in Intrapartum/Postpartum Nurse-Midwifery Care. Students will integrate theories and research findings into the management of the care of women during the intrapartum and postpartum periods. Students have the opportunity to apply components of the American College of Nurse-Midwives (ACNM) Core Competencies for Basic Midwifery Practice (including the Hallmarks of Midwifery and Midwifery Management Process), Standards for the Practice of Midwifery, and the Code of Ethics in the management of labor, birth, and the puerperium. Clinical objectives are achieved in a variety of settings under the preceptorship of experienced certified nurse-midwives and physicians. Prerequisite: 305A/B, 306B, 307A, RN licensure; pre/corequisite: 336. Summer. [3] Schorn and Staff.

NURS 336. Intrapartum/Postpartum Care for Nurse-Midwifery. This course examines the theoretical basis of intrapartum and postpartum nurse-midwifery management. Multidisciplinary theories, concepts, and research are synthesized to develop safe management plans that are culturally and ethically appropriate and applicable to the physical, emotional, and educational needs of the childbearing woman and her family. Nurse-midwifery management recognizes pregnancy and birth as a normal physiologic and developmental process. Management includes non-intervention in the absence of complications as well as selected intrapartum and postpartum complications and emergencies. A variety of evidence supporting management decisions is critically examined, including published research, standards of care, and risk management principles. The American College of Nurse-Midwives (ACNM) Philosophy, Code of Ethics, ACNM Core Competencies for Basic Midwifery Practice (including Hallmarks of Midwifery and Midwifery Management Process), and the Standards for Midwifery Practice provide the framework of the course. Prerequisite: 305A/B, 306B, 307A, 327A, 330, 331. Summer. [4] Staff.

NURS 337. Practicum in Neonatal Nurse-Midwifery Care. This course is designed to apply the nurse-midwifery management process, analyzing and incorporating evidence-based research findings into care. Newborn assessment, methods of screening for abnormalities, supporting healthy adaptation to extrauterine life, and facilitating the healthy parental-newborn family relationships are applied. Under the guidance of experienced nurse-midwife and physician preceptors, students may have the opportunity to collaboratively manage newborns with common deviations from normal. Clinical objectives are achieved in a variety of settings, under the preceptorship of certified nurse-midwives, advanced practice nurses and physicians. The American College of Nurse-Midwives (ACNM) Core Competencies for Basic Midwifery Practice (including Hallmarks of Midwifery and Midwifery Management Process), Standards of Midwifery Practice and code of Ethics provide the basis for clinical action. Prerequisite: 305A/B, 307A, RN licensure; corequisite: 338. Summer. [1] Schorn.

NURS 338. Neonatal Nurse-Midwifery Care. This course examines theory and research related to nurse-midwifery management of the normal newborn and strategies for facilitating healthy physiological adaptation and parental-family-newborn relationships. Methods of screening for and collaborative management of common abnormalities are discussed. The American College of Nurse-Midwives (ACNM) Core Competencies for Basic Midwifery Practice (including Hallmarks of Midwifery and Mid-

wifery Management Process), Standards of Midwifery Practice and Code of Ethics provide the framework for the course. Prerequisite: 305A, 306B, 307A, 331; corequisite: 327A, 330, 335, 336. Summer. [1] Staff.

NURS 339. Advanced Clinical Integration Experience for Nurse-Midwifery. The final nurse-midwifery practicum allows the student to practice full-scope nurse-midwifery under the supervision of experienced Certified Nurse-Midwife preceptors, managing women's health care from perimenarche through the postmenopausal periods and newborn health care from birth through the first month of life. Full scope nurse-midwifery care includes the areas of gynecology, family planning, preconception, antepartum, intrapartum, postpartum, newborn, breastfeeding support, common health problems in the pregnant and nonpregnant woman, and the peri and post menopause periods. Students immerse themselves in the clinical practice to which they are assigned and reside in the community in which it is located, providing for continuity of care. Practice is in collaboration with the client and other health care providers, consulting and referring according to the nurse-midwifery management process. Academic faculty are closely involved with the selection of appropriate clinical sites and ongoing advisement and evaluation of the student during the practicum. A written comprehensive exam is taken after the practicum is completed. By the end of the course, the graduate is prepared to assume the role of the beginning professional nurse-midwife and to sit for the American Midwifery Certification Board (AMCB) certification examination. The AMCB Philosophy, Code of Ethics, and Core Competencies for Basic Midwifery Practice (including Hallmarks of Midwifery and Midwifery Management Process), and the Standards for Midwifery Practice provide the framework of the course. Prerequisite: 327A, 330, 331, 334, 335, 336, 337, 338. Fall. [5] Staff.

NURS 340A. Pathophysiology and Collaborative Management in Acute Care I. This course explores, at an advanced level, pathophysiology, assessment, diagnosis, and collaborative management of adults with selected episodic/chronic health problems in acute/critical care, including pulmonary and cardiovascular disorders. Each student demonstrates the ability to analyze, integrate, and synthesize pathophysiologic concepts and current research findings for collaborative management of adult health problems. Pre/corequisite: 305A/B, 306A, 307C. Fall. [3] King.

NURS 340B. Pathophysiology and Collaborative Management in Acute Care II. This course explores, at an advanced level, the pathophysiology, assessment, diagnosis, and collaborative management of adults with selected episodic/chronic health problems in acute/critical care, including oncology and renal and fluid and electrolyte disorders. Each student demonstrates the ability to analyze, integrate, and synthesize pathophysiologic concepts and current research findings for collaborative management of adult health problems. Prerequisite: 340A. Spring. [3] King.

NURS 340C. Pathophysiology and Collaborative Management in Acute Care III. This course is third in a sequence of courses that explores, at an advanced level, the pathophysiology, assessment, diagnosis, and collaborative management of adults with selected episodic/chronic health problems in acute/critical care, including hematologic, hepatic, endocrine, and gastrointestinal disorders as well as psychosocial needs. Each student demonstrates his or her ability to analyze, integrate, and synthesize pathophysiologic concepts for collaborative management of adult health problems. The course goals are met through didactic content and case study analyses. Prerequisite: 340A; pre/corequisite: 340B. Summer. [3] King.

NURS 341. Theoretical Foundation of Oncology Nursing. This course consists of didactic content related to the care of adult patients with neoplastic disorders. The course focuses on primary and secondary prevention, pathophysiologic processes underlying carcinogenesis, treatment modalities, symptom management, and home care for terminal patients. This course enables the student to explore the roles of an Advanced Practice Nurse caring for patients who have cancer or are at high risk for developing cancer. Pre/corequisite: None. Spring [3] Staff.

NURS 342A. Acute Care Nurse Practitioner Practicum. This course is designed to provide clinical experience in development and application of the roles of the acute care nurse practitioner. The students apply and evaluate nursing theory and pathophysiologic and psychosocial concepts in planning and delivery of care in clinical settings. The student practices in clinical settings for a total of 280 hours. Clinical conferences are held weekly and focus on pathophysiology, diagnoses, and therapeutic management related to episodic/chronic problems in acute/critical care in the adult population. Prerequisite: 305B/F, 306A, 307C, 340A; corequisite: 340B. Spring. [4] King and Staff.

NURS 342B. Practicum in Acute Care Nursing. This course is designed to provide clinical experience in development and application of the roles of the acute care adult nurse practitioner. The clinical setting will be used for application and evaluation of nursing theory and pathophysiologic and psychosocial concepts in planning and developing care in the clinical setting. The student will practice in clinical settings for a total of 140 hours. Clinical conferences will be held weekly and will focus on pathophysiology, diagnoses, and therapeutic management related to episodic/chronic problems in acute/critical care in the adult population. Prerequisite: 305A/B, 306, 307C, RN licensure; pre/corequisite: 340A/B. Fall. [2] King and Staff.

NURS 342C. Acute Care Nurse Practitioner Practicum in Intensive Care. This course is designed to provide clinical experience in development and application of the roles of the acute care adult nurse practitioner with an intensivist focus. The clinical setting will be used for application and evaluation of pathophysiologic and psychosocial concepts in planning and developing care in the clinical setting. Student will be assigned to multidisciplinary critical care teams and will rotate through these teams during the course. The student will practice in clinical settings for a total of 210 hours. Clinical conferences will be held weekly and will focus on pathophysiology, diagnoses, and therapeutic management related to episodic/chronic problems in critical care in the adult population. Prerequisite: 305B, 305F, 306A, 307C, 340A; pre/corequisite: 340B, 396E. Spring. [3] Squiers.

NURS 343. Acute Care Nurse Practitioner Preceptorship. This course is the final clinical preceptorship, and it is designed to provide clinical experience in and application and integration of the roles of the acute care nurse practitioner. The students apply, synthesize, and evaluate nursing theory and pathophysiologic and psychosocial concepts in planning and delivery of care in clinical settings. The students practice in clinical settings for a total of 280 hours. Clinical conference is held every week and focuses on pathophysiology, diagnoses, and therapeutic management related to episodic/chronic problems in acute/critical care in the adult population. Prerequisite: 301, 305B/F, 306A, 307C, 340A/B; pre/corequisite: 342, all core courses. Summer. [4] King and Staff.

NURS 343B. Acute Care Nurse Practitioner Preceptorship. This course is the final acute care nurse practitioner clinical preceptorship and is designed to provide clinical experience, application, and integration of the roles of the acute care nurse practitioner for students in the dual FNP/ACNP-Emergency Care program. The clinical setting will be used for application, synthesis, and evaluation of nursing theory and pathophysiologic and psychosocial concepts. The student will practice in clinical settings for a total of 280 hours and will focus on working with complex patients. Clinical conference will be held every week and will focus on pathophysiology, diagnoses, and therapeutic management related to episodic/chronic problems in adult acute/critical care. Pre/corequisite: 301, 305B/F, 306A, 340A/B/C, 342, all core courses. Spring. [4] King and Staff.

NURS 343C. Advanced Acute Care Nurse Practitioner Intensivist Practicum. This course is designed to provide clinical experience in and application and integration of the roles of the acute care nurse practitioner as an intensivist. The clinical setting will be used for application, synthesis, and evaluation of nursing theory and pathophysiologic and psychosocial concepts. The student will practice in clinical settings for a total of 210 hours and will focus on working with patients in a variety of intensive care units. Clinical conference will be held every week and will focus on pathophysiology, diagnoses, and therapeutic management related to critical care and acute care problems for the adult population

in an intensive care setting or step down unit. Prerequisite: 300, 301, 305B/F, 306A, 307C, 340A/B, 342C, 396D; pre/corequisite: 340C. Summer. [3] Squiers.

NURS 343D. Advanced Acute Care Nurse Practitioner Intensivist Preceptorship. This is the final clinical preceptorship and is designed to provide clinical experience in and application and integration of the roles of the acute care nurse practitioner as an intensivist. The clinical setting will be used for application, synthesis, and evaluation of nursing theory and pathophysiologic and psychosocial concepts. The student will practice in clinical settings for a total of 140 hours and will focus on working with patients in a variety of intensive care units. Clinical conference will be held every week and will focus on pathophysiology, diagnoses, and therapeutic management related to critical care and acute care problems for the adult population in an intensive care setting or step down unit. Prerequisite: 300, 301, 305B/F, 306A, 307C, 340A/B, 342C, 396D; pre/corequisite: 340C, 343C. Summer. [2] Squiers.

NURS 344. Special Topics in Orthopaedics. This course explores the pathophysiology, assessment, diagnosis, and collaborative management of adults with selected episodic/chronic or critical orthopaedic health problems. The course goals are met through didactic content and case study analyses. Each student demonstrates his or her ability to analyze, integrate, and synthesize pathophysiologic concepts for collaborative management of adult orthopaedic problems. Prerequisite: 305B/F. Spring. [2] Staff.

NURS 345. Introduction to Transplantation. This elective course consists of didactic content related to the care of adults undergoing transplantation with emphasis on immunology, immunosuppression, and criteria for transplantation, as well as complications related to transplantation and immunosuppression. An overview of transplantation of the heart, lung, liver, kidney, pancreas, and bone marrow is presented. Ethical, psychosocial, and donor selection/management issues are discussed. Spring. [2] Donaldson.

NURS 346A. Basic Dysrhythmias Recognition. This course is designed to provide the student with the tools to interpret basic cardiac dysrhythmias. Focus is on disturbances in the rhythm, such as sinus, atrial, junctional, ventricular, AV blocks, and unusual complexes. Major focus is on recognition of the signs and symptoms of each rhythm disturbance and the collaborative clinical management of each. Health care teaching is included. This course is foundational to interpretation of advanced dysrhythmias and 12-Lead ECG readings. Prerequisite: None. Spring. [1] Staff.

NURS 346B. 12-Lead Electrocardiogram Interpretation. This course is designed to provide the student with a systematic format to assess alterations in the cardiac electrical conduction system. Focus is on the 12-Lead ECG changes in order to provide the student with knowledge to interpret the changes, to correlate nursing assessment findings, to anticipate complications, and to collaborate in the management of each patient situation. Prerequisite: NURS 346A or permission of the instructor. Fall, Spring, Summer. [1] Staff.

NURS 347A. Pathophysiology and Collaborative Management in Acute Care for Clinical Management I. This course explores, at an advanced level, pathophysiology, assessment, diagnosis, and collaborative management of adults with selected episodic/chronic health problems in acute/critical care including pulmonary and cardiovascular disorders. Each student demonstrates in writing his or her ability to analyze, integrate, and synthesize pathophysiologic concepts and current research findings for collaborative management of acute health problems. Prerequisite: 305B/F. Spring. [3] Staff.

NURS 347B. Pathophysiology and Collaborative Management in Acute Care for Clinical Management II. This course explores, at an advanced level, pathophysiology, assessment, diagnosis, and collaborative management of adults with selected episodic/chronic health problems in acute/critical care including pulmonary and cardiovascular disorders. Each student demonstrates in writing his or her ability to analyze, integrate, and synthesize pathophysiologic concepts and current research findings for collaborative management of adult health problems. Prerequisite: 305B/F, 347A. Summer. [3] Staff.

NURS 347C. Pathophysiology and Collaborative Management in Pediatrics for Clinical Management I. This course explores, at an advanced level, pathophysiology, assessment, diagnosis, and collaborative management of adults with selected episodic/chronic health problems in acute/critical care, including pulmonary and cardiovascular disorders. Each student demonstrates in writing his or her ability to analyze, integrate, and synthesize pathophysiologic concepts and current research findings for collaborative management of adult health problems. Spring. [3] Staff.

NURS 347D. Pathophysiology and Collaborative Management in Pediatrics for Clinical Management II. This course explores, at an advanced level, pathophysiology, assessment, diagnosis, and collaborative management of children with selected episodic/chronic health problems in acute/critical care, including pulmonary and cardiovascular disorders. Each student demonstrates in writing his or her ability to analyze, integrate, and synthesize pathophysiologic concepts and current research findings for collaborative management of acute health problems. Pre/corequisite: 305D, 305E, 347C. Summer. [3] Staff.

NURS 348. Conceptual Foundations of Nephrology for Adult Acute Care Nurse Practitioners. This elective course consists of didactic content related to the care of adults with renal diseases, with emphasis on pathophysiology, assessment, diagnosis, and management of patients with acute and chronic renal failure. Concepts related to renal replacement therapies are explored. The role of the acute care adult nurse practitioner in collaborative management is emphasized. Prerequisite: 300, 305B/F, 306A, 307C, 340A, 346A; corequisite: 340B. Spring. [2] Egbert.

NURS 349. Directed Study in Critical Care Nursing. This course explores principles of critical care nursing, examining specific critical care assessment parameters and skills. The scientific rationale or physiologic basis for each assessment parameter or skill will be examined. In addition, the identification of the need for each assessment parameter or skill based on pathophysiology, implementation of the assessment parameter or skill and the relevant criteria will be discussed. Possible complications and research related to each assessment parameter and skills will then be integrated into advanced nursing practice. Pre/corequisite: None. Spring. [Variable credit 1-2] King.

NURS 350. Models and Theories of Psychiatric-Mental Health Nursing. This course introduces a variety of conceptual models and theories related to the practice of psychotherapy. Models of personality development and individual functioning provide a theoretical basis for understanding the development of psychopathology and the selection of appropriate therapeutic strategies. Students apply selected theories to case study material and evaluate the utility of theory-based research findings to specific client populations. Pre/corequisite: None. Fall. [2] Sinclair.

NURS 351. Theoretical Foundations and Practicum for Psychiatric-Mental Health Nursing Across the Lifespan. This course provides the theoretical content and clinical practice for assessing, diagnosing, and intervening in dysfunctional coping patterns and psychiatric disorders of individuals across the lifespan. The DSM-IV-TR will be discussed across the lifespan. Emphasis will be placed on the assessment, diagnosis, and evidence-based treatment of mental health disorders. Laboratory time concentrates on role play and simulation of initial diagnostic interviews and formulation of differential diagnoses and initial treatment plans. Clinical practicum provides students the opportunity to integrate theory and practice in supervised clinical experiences. Analysis of process dynamics and nursing interventions occurs during supervision. Pre/corequisite: 305A, 350. Fall. [3] Hoehler.

NURS 352. Neuroscience for Mental Health Practitioners. This course presents the theoretical basis for anatomical, biological, and psychological aspects of advanced practice in psychiatric-mental health nursing. Concepts from neuroanatomy, neurophysiology and neuropathophysiology, neuropsychiatry, psychiatry, psychology, and social sciences are examined for their applications to advanced practice. Pre/corequisite: 353. Spring. [2] Gardner.

NURS 353. Psychopharmacology. This course presents advanced concepts in neuroscience, pharmacokinetics and pharmacodynamics and the clinical management of targeted psychiatric symptoms, related

to the psychopharmacologic treatment of various psychiatric disorders. The course reflects current scientific knowledge of psychopharmacology and its application to clinical problems seen in a variety of settings. This course builds on diagnostic and neuroscience content from NURS 352 to provide the advanced practitioner with knowledge related to clinical management of psychotropic medications. Pre/corequisite: Completion of or concurrent enrollment in NURS 352 or permission of faculty. Students are required to have fulfilled requirements of registration, and documentation must be on file in the associate dean's office. Spring. [2] Seidel.

NURS 354. Theoretical Foundations of Psychiatric-Mental Health Nursing with Groups and Families. This course introduces a variety of conceptual models and theories related to the practice of group and family psychotherapy. Yalom's theoretical model provides the foundation for understanding group psychotherapy and its application and modification to selected client populations. A survey of current family therapy models and their theoretical bases provides a context for role-play and application to selected family case studies. Emphasis is placed on the integration of relevant theories into practice and the evaluation of theory-based research findings of therapeutic strategies for groups and families with mental health needs. Pre/corequisite: 350. Spring. [2] Love and Hamrin.

NURS 356. Practicum in Psychiatric-Mental Health Nursing with Individuals, Groups, and Families. This course builds on the first advanced practicum course by expanding the student's ability to identify and apply concepts, theories, and principles to complex groups. In addition, the student gains skill in implementing planned interventions and analyzing process dynamics with individuals, families, and groups so that patterns in self and others are identified accurately and with regularity. Caseload management skills are further developed. A focused needs assessment at clinical site will form the basis for implementation and evaluation of summer clinical project to improve some aspect of patient care or agency services. Pre/corequisite: 351, 354. Spring. [4] Hoehler.

NURS 357. Population-based Mental Health Care Across the Lifespan. This course focuses on systems issues affecting clients across the lifespan who require special attention from the advanced practice psychiatric nursing role. Emphasis is placed on effective management of current practice issues without compromising the special needs of these populations. These issues deal with the areas of effective evidence-based treatments, interface with families, developmental task resolution, legal/ethical decision-making, socialization, placements, co-morbidities in care and finances. This content is then conceptualized and operationalized relative to the advanced practice psychiatric nursing role and its interface with both the interdisciplinary psychiatric team of care and other health care professionals involved in the holistic treatment of the patient. Pre/corequisite: Admission to the PMHNP specialty level. Successful completion of 351, 356 clinical coursework. Summer. [3] Seidel and Hamrin.

NURS 358A. Psychiatric-Mental Health Nurse Practitioner Preceptorship. This clinical course provides a synthesis experience during which students implement the role of the psychiatric-mental health nurse practitioner. The focus is on assessment and intervention with persons with mental illness and persons/populations at risk for mental illness, and primary prevention in mental health. Both direct (assessment and intervention) and indirect (consultation, case management, supervision) roles will be implemented. Collaboration with other health care providers is emphasized. Pre/corequisite: 356, all core courses, RN licensure. Summer. [4] Adams and Staff.

NURS 358B. Psychiatric-Mental Health Nurse Practitioner Preceptorship for PMH-CNSs. This clinical course builds on current advanced practice mental health nursing certification as a Clinical Nurse Specialist and provides a synthesis experience during which students implement the role of the psychiatric-mental health nurse practitioner. The clinical emphasis is on assessment, diagnosis, and pharmacologic intervention with persons with mental illness and persons/populations at risk for mental illness, and primary prevention in mental health. Both direct (assessment and intervention) and indirect (consultation, case management,

supervision) roles will be implemented. This preceptorship is designed for the ANCC-certified Adult Psychiatric-Mental Health Clinical Nurse Practitioner and for those ANCC dually certified as **both** Adult and Child/Adolescent Psychiatric-Mental Health Clinical Nurse Specialists seeking post-master's certificate as Family PMHNPs. Pre/corequisite: 305A/B, 307A, 308, 352, and 353; RN licensure. Summer. [3] Adams and Staff.

NURS 358C. Family Psychiatric-Mental Health Nurse Practitioner Preceptorship for Adult PMHNPs. This clinical course builds on current advanced practice mental health nursing certification as an Adult Psychiatric-Mental Health Nurse Practitioner and provides a synthesis experience integrating psychopharmacology, neuroscience, pathophysiology, and evidence-based practice focusing on children and adolescents. The clinical emphasis is on assessment, diagnosis, and both pharmacologic and non-pharmacologic intervention with children and adolescents with behavioral, developmental, and mental health disorders or at risk for mental illness within the context of their families and communities. This preceptorship is designed for ANCC-certified Adult Psychiatric-Mental Health Nurse Practitioners seeking post-master's certificate as Family Psychiatric-Mental Health Nurse Practitioners. Pre/corequisite: 357 and Gap Analysis of graduate transcripts for completion of equivalent content and clinical for 350, 351, 352, 353, 354, 356, 395. Spring, Summer. [3] Adams and Staff.

NURS 360A. Practicum in Primary Health Care of the Family. This course is a clinical practicum focusing on child, adolescent and adult health care with an emphasis on health promotion, management of common health problems, and client education. A developmental approach across the lifespan is used in assessing the client and family in formulating the treatment plan. Students participate in a clinical rotation in a primary care setting which provides the opportunity for health assessment of clients of all ages and the formulation of a comprehensive plan of care. Clinical conferences highlight various pathophysiological and psychological processes encountered with clients and their families. The role of the nurse practitioner as a primary health care provider in a variety of primary health care settings will be examined. Relevant resources/research related to health is explored with the application of findings to the care of clients. Prerequisite: 305A/B; corequisite: 307, 308, 309A/B/C. Spring. [4] Bradley.

NURS 360B. Practicum in Primary Health Care of the Family. This course is a clinical practicum focusing on child, adolescent and adult health care with an emphasis on health promotion, management of common health problems, and client education. A developmental approach across the lifespan is used in assessing the client and family in formulating the treatment plan. Students participate in a clinical rotation in a primary care setting which provides the opportunity for health assessment of clients of all ages and the formulation of a comprehensive plan of care. Clinical conferences highlight various pathophysiological and psychological processes encountered with clients and their families. The role of the nurse practitioner as a primary health care provider in a variety of primary health care settings will be examined. Relevant resources/research related to health is explored with the application of findings to the care of clients. Prerequisite: 305A/B; corequisite: 307, 308, 309A/C. Summer. [1] Bradley.

NURS 361A. The Context of Primary Care: Family Nurse Practitioner Domains and Core Competencies for Practice. This course is designed to provide Family Nurse Practitioner (FNP) students with the knowledge of the context of primary care and related domains and core competencies of family nurse practitioner practice identified by the National Organization of Nurse Practitioner Faculties (NONPF). Specific content of the course covers the hallmarks of primary care and the seven domains and focuses on operationalizing competencies into practice. Competencies needed to promote and protect health and prevent disease are emphasized. Pre/corequisite: 305A/B. Spring. [3] Staff.

NURS 361B. Family and Relationship Issues in Primary Care. This course is designed to provide the Family Nurse Practitioner (FNP) student with knowledge of relationship issues that affect health, illness, and health care. Specific content includes parenting, family development, gender, power, and conflict. Summer. [1] Staff.

NURS 362. Practicum in Primary Health Care of the Child and Adolescent. This course is a clinical practicum focusing on child and adolescent health care with an emphasis on health promotion, management of common health problems, and client education. A developmental approach across the lifespan is used in assessing the client and family in formulating the treatment plan. Students participate in a clinical rotation in a pediatric health care setting which provides the opportunity for health assessment of the child and adolescent and formulation of a comprehensive plan of care. Clinical conferences highlight various pathophysiological and psychological processes encountered with children and their families. The role of the nurse practitioner as a primary health care provider in a variety of pediatric settings is examined. Relevant resources and research related to the child and adolescent are explored with the application of findings to the care of clients. Pre/corequisite: 305A/B, 307, 308, 309B/C. Spring. [2] Bradley.

NURS 363A. Practicum in Primary Health Care of the Adult. This course is a clinical practicum focusing on adult health care with an emphasis on health promotion, management of common acute and chronic health problems, and client education. A developmental approach across the lifespan is used in assessing the client and family in formulating the treatment plan. Students participate in a clinical rotation in adult health care settings which provide the opportunity for health assessment of the adult and the development of a comprehensive plan of care. Clinical conferences highlight pathophysiological processes and psychological needs of the adults and their families. The role of the nurse practitioner as a primary health care provider in a variety of adult settings will be examined. Students explore relevant resources related to adult health care and apply findings to client situations. This course is for FNP/ACNP-ED students. Summer. [3] Staff.

NURS 363B. Practicum in Primary Health Care of the Adult for the Adult Nurse Practitioner. This course is a clinical practicum focusing on adult health care with emphasis on health promotion, management of common acute and chronic health problems, and client education. Students participate in a clinical rotation in adult health care settings, which provide the opportunity for health assessment of the adult and the development of a comprehensive plan of care. Clinical conferences highlight pathophysiological processes and psychological needs of the adults and their families. The role of the adult nurse practitioner as a primary health care provider in a variety of adult settings will be examined. Students explore relevant resources related to adult health care and apply findings to client situations. This course is for ANP students. Pre/corequisite: 305A/B, 307, 308, 309A/D. Fall, Spring. [3] Hopkins.

NURS 363C. Practicum in Primary Health Care of the Adult. This course is a clinical practicum focusing on adult health care with emphasis on health promotion, management of common acute and chronic health problems, and client education. Students participate in a clinical rotation in adult health care settings which provide the opportunity for health assessment of the adult and the development of a comprehensive plan of care. Clinical conferences highlight pathophysiological processes and psychological needs of the adults and their families. The role of the nurse practitioner as a primary health care provider in a variety of adult settings will be examined. Students explore relevant resources related to adult health care and apply findings to client situations. This course is for NMW and NMW/FNP students. Prerequisite: 305A/B; corequisite: 307, 308, 309A/D. Spring. [2] Staff.

NURS 364. Family Nurse Practitioner Preceptorship. In this clinical course, the student implements the role of the family nurse practitioner working with clients across the lifespan and their families in urban and/or rural primary care settings. The focus is on the integration of theory, knowledge, and skills from previous courses within the family nurse practitioner scope of practice. Pre/corequisite: 309A/B/C/D, 362, 363, RN licensure, all core courses. Summer. [4] Staff.

NURS 364A. Family Nurse Practitioner Preceptorship for Dual Specialty. In this clinical course, the student implements the role of the family nurse practitioner working with clients across the lifespan and their families in urban and/or rural primary care settings. The focus is on the integration of theory, knowledge, and skills from previous courses within the family nurse practitioner scope of practice. For students who

are pursuing dual preparation. Pre/corequisite: 309A/B/C/D, 362, 363, RN licensure, all core courses. Summer. [3] Staff.

NURS 365. Adult Nurse Practitioner Preceptorship. In this clinical course, the student implements the role of the Adult Nurse Practitioner working with clients in the primary care setting. The focus is on the synthesis of theory, knowledge, and skills from previous courses for the Adult Nurse Practitioner scope of practice. Prerequisite: All core courses, 363, and RN licensure. Summer. [3] Hopkins.

NURS 366A. Fundamentals of Forensic Nursing. This course provides an overview of theories, principles, and clinical tools necessary to manage forensic nursing issues in a variety of clinical settings and patient populations. The course focuses on introducing students to the systems that forensic nurses interface, forensic interviewing, the clinical management and forensic interpretation of injury across the lifespan, crisis intervention with victims and families, and management of forensic evidence. This course provides the foundation necessary for advanced practice in forensic settings and is a prerequisite for NURS 366B Issues and Concepts in Forensic Nursing. Case studies and role-play provide realistic learning experiences related to forensic nursing practice. Pre/corequisite: Graduate-level standing in a clinical specialty, 305A/B, 307, 308. Spring. [2] Rosof-Williams.

NURS 366B. Concepts and Issues in Forensic Nursing. In this second part of the forensic nursing didactic course sequence, students explore the major practice domains of forensic nursing. Course content builds upon information presented in NURS 366A Fundamentals of Forensic Nursing, providing a more detailed survey of the major areas of forensic nursing practice. Theoretical content includes a focus on ethical dilemmas, health and social policy, and understanding the complex legal and regulatory frameworks within which forensic nurses practice. Case studies, role play and mock trials provide realistic learning experiences related to forensic nursing practice. Pre/corequisite: Graduate-level standing in a clinical specialty, 305B, 307, 308, 366A. Spring, Summer. [2] Rosof-Williams.

NURS 367. Practicum in Forensic Health. This clinical practicum provides the student with the opportunity to implement the role of the Forensic Nurse in different settings while under the supervision of faculty and other forensic professionals. Students may pursue a practicum in areas of Forensic Nursing that they have a particular interest in, such as domestic violence services, prisons, jails, emergency rooms, forensic psychiatric sites, police departments, courts, child sexual abuse center, medical examiners office, and other settings throughout the criminal justice system. Pre/corequisite: 305A/B, 307, 309, 366A. Spring, Summer. [3] Staff.

NURS 368. Essential Procedures for the Primary Care Provider. This course builds on knowledge of advanced health assessment and primary care of the adult with a focus on procedures commonly performed in the adult practice setting. Using principles of universal precautions and infection control as a foundation, students will learn invasive procedures related to different body systems. Where possible, hands-on practice will be made available to students. Pre/corequisite: 305A, 309A. Summer. [2] Dunlap.

NURS 370. Independent Study, Non-Clinical. Content varies according to individual needs and interest. A contract is made between the student and the faculty sponsor, with copies for the student, the sponsor, the program director, and the student's record. Fall, Spring, Summer. [Variable credit 1-6] Staff.

NURS 371. Independent Study, Clinical. A program of independent study in a selected area of nursing practice under the direction of a faculty sponsor. A contract is made between the student and the faculty sponsor, with copies for the student, the sponsor, the program director, and the student's record. Fall, Spring, Summer. [Variable credit 1-6] Staff.

NURS 372. Courses Offered Jointly with the School of Medicine. Schedule of courses available in the School of Nursing Registrar's Office. Prerequisite: Consent of the instructor. [Variable credit] Staff.

NURS 373. Strategies for Administrative/Clinical Decision Making. Synthesis of principles, theories and concepts for effective clinical leadership in today's health care systems. Models of managerial and

clinical decision making and communication provide the framework for analyzing complex clinical operational issues. Essential concepts of strategic planning and marketing are discussed. Analytical, integrative and decisional skills are developed. Legal, ethical and regulatory dimensions of administrative decisions are examined. Strategic financial planning and application of decision models to evaluate financial and clinical benefits and risks are also examined. Summer. [2] Watters.

NURS 374. Population Care Management. Students develop the beginning skills in the epidemiologic approach to population-based health care. Analysis and application of theory and skills needed to assess, plan and evaluate the care of populations within integrated health systems is a focus. Cultures, ethical, economic and organizational challenges in health settings with populations at risk are explored. Strategies used to provide continuum of care for selected populations at risk will be examined. Rational and critical synthesis of available information is emphasized. Prerequisite: 300, 305, 308, 373 or permission of the instructor. Spring. [3] Pilon.

NURS 376. Clinical Program Development and Evaluation. Organizational structures in the contemporary health care delivery system are explored. This course focuses on the analysis and application of theory and skills needed to assess, plan and evaluate the clinical care of population within integrated health systems. This course draws on behavioral, social and organizational sciences to analyze effectiveness within integrated delivery systems. Topics include: motivation, group behavior, conflict management, power, decision making, managing change, managerial communication, performance assessment and human resources allocation and budgeting. Analytical decision models will be used to evaluate clinical care coordination/delivery. Content related to planning and evaluating information systems, principles of performance improvement, systems thinking, knowledge-based practice and evaluation models will be explored. Spring. [Variable credit 2-3] Gilmer.

NURS 377A. Expert Clinical Care Preceptorship for Clinical Nurse Specialists. This course is designed to combine practice and theory to provide an opportunity to apply knowledge and competencies acquired throughout the program of study to actual clinical and educational situations. The theoretical component provides a framework for analyzing organizational cultures, diagnosing organizational problems and developing corresponding strategies around clinical services. The clinical preceptorship component provides the student with mentorship and guidance in developing and refining clinical and program management skills in integrated delivery systems. It is designed to provide students with an opportunity to directly experience clinical systems management through observation and participation as part of a clinical systems management team. Under the guidance of a clinical nurse specialist preceptor, students plan specific learning experiences. Integrated systems will serve as the practice base for clinical experiences. Pre/corequisite: All core courses, RN licensure. Summer. [5] Staff.

NURS 377B. Expert Clinical Care Preceptorship for Clinical Nurse Leaders. This course is designed to combine practice and theory to provide an opportunity to apply knowledge and competencies acquired throughout the program of study to actual clinical and educational situations. The theoretical component provides a framework for analyzing organizational cultures, diagnosing organizational problems and developing corresponding strategies around clinical services. The clinical preceptorship component provides the student with mentorship and guidance in developing and refining clinical and program management skills in integrated delivery systems. It is designed to provide students with an opportunity to directly experience clinical systems management through observation and participation as part of a clinical systems management team. Under the guidance of a clinical nurse leader preceptor, students plan specific learning experiences. Integrated systems will serve as the practice base for clinical experiences. Pre/corequisite: All core courses, RN licensure. Summer. [5] Staff.

NURS 379. Thesis.

NURS 380. Organizational Dynamics. Integral to management practice is the acquisition of theoretical frameworks that explain organizational theories, management models and decision-making strategies related

to health care systems and care delivery. In addition to providing a conceptual understanding of management practice, this course focuses on the development of interpersonal skills and effective leadership styles through role preparation, communication theories and the application of change strategies. Pre/corequisite: Specialty level status. Fall. [3] Staff.

NURS 381A. Introduction to Health Informatics. Health informatics is the management and transformation of health data into information and knowledge to improve aspects of health outcomes such as cost, quality, safety, and/or satisfaction. This survey course focuses on information systems in clinical settings and the use of information for health systems management. The recent emphasis on the National Health Information Infrastructure at the Federal level will be used to frame the topics. Examples include organizing information pertinent to individual patient care, analyzing data to determine clinical effectiveness, retrieving needed information or knowledge at the point of care, using data to improve management of health care enterprises, and assessing the health patterns of populations and aggregates. Pre/corequisite: Basic competency in using word processing, electronic mail, bibliographic or library retrieval systems, presentation graphics, spreadsheets, and databases. These skills are not taught in the course, but students will be required to apply them to carry out course assignments. Fall. [3] Staff.

NURS 381B. Networks and Internet Applications for Health Care Providers. This course explores the structure and function of networks and Internet applications as they relate to their use within health care. Topics covered include basic concepts of network architecture, standard protocols, information services available and issues of network security. Fall. [2] Gordon.

NURS 381C. Web Development for Health Care Applications. Students will begin this course by observing and critiquing websites in the health care area. They will identify features in websites that are effective and features they would want to avoid when developing websites. Then they will learn the skills necessary to develop sophisticated Web applications in the health care area. Sophisticated Web applications will be created in DHTML using Web editors such as Lectora. Basic HTML markup skills will be taught for the purpose of creating interactive Web applications through databases in the follow-up course. Fall. [3] Gordon.

NURS 381D. Desktop Maintenance. The purpose of this course is to teach how to properly maintain your computer to minimize problems that may occur and handle simple issues and problems with your computer. The course will also cover how to properly install and uninstall hardware and software, how and when to rebuild your system, how to protect your system from worms and viruses, and the hows and whys of creating a home network connected to a broadband environment such as cable or DSL. Fall. [1] Gordon.

NURS 381E. Database Design for Health Care Applications. The purpose of this course is to teach how to create online database applications in the health care field. While it is not the goal of this course to train the participants how to create full-fledged hospital management systems and electronic medical record systems, students will develop an understanding of the basic concepts underlying these systems by creating simple database applications on the Web. Database concepts including user interface design, table design, normalization, password protection, and data queries are basically the same regardless of the purpose of the application. Upon completion of this course, the students will have an appreciation and understanding of large scale database environments in their field and be able to communicate effectively with management system software developers using the appropriate terminology. Prerequisite: Knowledge of Web design and HTML. Spring. [2] Gordon.

NURS 381G. Consumer Health Care Informatics. This course addresses the consumer's use of electronic information systems and applications to improve their medical outcomes and their health care decisions. How informatics solutions impact the health care partnership of provider and patient is explored. Various technology and applications that empower consumers are reviewed. Studies that evaluate the effectiveness of health care informatics in patient outcomes are included. Spring. [2] Trangenstein.

NURS 381W. Project Management. This course addresses the essential principles and tools of project management. Project integration, scope, time, cost, quality, human resource, communications, risk, and procurement management are discussed. Summer. [3] Staff.

NURS 382. Leadership. Theories and models of leadership are explored and students assess their personal leadership styles. Application of leadership theory in complex organization is explored. Spring. [3] Pilon.

NURS 383A. Continuous Quality Improvement and Outcomes Measures. This course has two related foci: quality improvement models/methods and the measurement of client outcomes across a broad range of healthcare settings. Students learn the systematic methods of CQI, based on the work of Deming and others. These statistical and applied research methods are linked to the measurement of outcomes. The use of various outcome measurement instruments is explored. Pre-requisite: Specialty level status and others by permission of course instructor. Spring. [3] Crutcher.

NURS 383B. Continuous Quality Improvement and Outcomes Measures. This course has two related foci: quality improvement models/methods and the measurement of client outcomes across a broad range of healthcare settings. Students learn the systematic methods of CQI, based on the work of Deming and others. These statistical and applied research methods are linked to the measurement of outcomes. The use of various outcome measurement instruments is explored. Pre-requisite: Specialty level status and others by permission of the course instructor. Fall. [2] Crutcher.

NURS 384. Directed Reading. This is a directed reading course which introduces contemporary works from leaders who are influencing society and health care. Spring. [2-3] Staff

NURS 385A. Health Care Financial Management. Students in this course apply accounting, economic principles, and financial management strategies to the management of health care resources in health care organizations. Students acquire a degree of proficiency at computerized spreadsheet utilization to enhance efficient financial analysis. Pre-requisite: None. Fall. [3] Watters.

NURS 386. Management Practicum I. The students apply models of CQI organizational behavior, outcome measurement, informatics, and financial management in a selected health care setting. This practicum provides students with an opportunity to work closely with a manager in a variety of health care settings. The students experience positive role modeling while contributing to the functioning of the health care agency. Students work on agency designated projects throughout the practicum. Prerequisite: HSM students must have completed or be enrolled in all specialty and core courses. RN licensure required. Fall, Spring. [3] Staff.

NURS 387. Management Practicum II. This practicum provides the student with an opportunity to work closely with a manager or administrator in a formal mentorship arrangement in a health care setting. The student has an opportunity to observe and practice management and leadership skills in a health care organization. The role of a leader is explored in the context of the changing health care environment. In addition, the student works on agency-designated projects and presents the process and results of a completed project. This practicum builds on skills and experiences attained in NURS 386, Practicum I, of the HSM program. Students are assigned to a more senior leader in NURS 387, and complexity of course deliverables is enhanced. Prerequisite: HSM students must have completed or be enrolled in the final semester of all specialty and core courses. RN licensure required. Spring, Summer. [4] Crutcher.

NURS 388. Management Strategies for Health Care Systems. This course will focus on long-term strategic issues that will affect financing, organization and delivery of health care services. Market driven organizations/services are at the core of the course with emphasis on designing as well as operationalizing strategies at the executive and middle management levels as individuals and part of a team. Pre/corequisite: 303, 381, 382, 383, 385, or special permission of the instructor. Spring, Summer. [3] Staff.

NURS 389. Health Care Management of Populations. This course provides a framework for students to develop and apply both an ethical and a theoretical framework for population-based care management. Students develop a framework for measuring client satisfaction, quality of care, resource efficiency and explore principles of multidisciplinary collaboration. Prerequisite: 303, 381, 382, 383, and 385 or special permission of the instructor. Fall, Summer. [3] Pilon.

NURS 392A. Informatics of Clinical Practice. Informatics of clinical practice focuses on a structured approach to methodologies, techniques, and tools for information system development and implementation. The systems development life cycle approach incorporates the following phases: planning, analysis, design, implementation, and evaluation. The role of informatics nurse specialist is featured as well as the role of end users in this process. Spring. [3] Staff.

NURS 392B. Clinical Informatics Practicum I. Students apply concepts and theories in clinical informatics in selected health care settings. This practicum provides students with an opportunity to work closely with a preceptor to prepare a needs assessment for a nursing informatics project. In this clinical course, the student implements the role of the clinical informatics nurse in any health care setting. The focus is on the integration of theory, knowledge, and skills from previous courses within the various roles open to an informatics nurse specialist. Spring. [2] Trangenstein.

NURS 392C. Informatics of Evidence-Based Practice. This course addresses informatics techniques to bring the best available evidence about nursing to the point of care to support the patient's health and decision making. The relationship between standardized languages, electronic documentation systems, and evidence-based nursing practice are explored. Use of the Internet to select and customize nursing interventions, point of care devices, and Web-based diagnostic decision support systems are examined. Summer. [Variable credit 2-3] Trangenstein.

NURS 392D. Clinical Informatics Practicum II. In this clinical course, the student implements the role of the informatics nurse specialist working in a health care environment. The focus of this course is the integration of theory, knowledge, and skills from previous courses from the perspective of project management. Summer. [2] Trangenstein.

NURS 393. Managed Care: Theory, Practice, and Future Options. Managed care is rapidly dominating the health care financing and delivery system in the U.S. Students in this course will be able to distinguish between the techniques of managed care and the organizations that perform the various functions. Six modules will cover the underpinnings, definitions, origins of managed care, the health care delivery system and the network of health care providers, management of cost, quality and access, operational functions, Medicare and Medicaid and the regulatory and legal aspects of managed health care. Pre/corequisite: None. Summer. [2] Staff.

NURS 393A. Curriculum Strategies for Health Professional Education. This course introduces the student to the foundations of learning theory and learning styles. The impact of technology on learning practices and the appropriate use of technology to facilitate learning is emphasized. Students will create electronic elements for effective learning and use a course management system. Copyright and fair use issues are discussed. Overall curriculum strategies that integrate content, organization, informatics and sequencing of courses are discussed. Design a learning program that integrates learning styles, technology use and a course management system. Fall, Summer. [3] Krau.

NURS 393C. Educational Evaluation for Learning in the Health Professions. This course explores issues related to evaluating educational offerings that employ technology. The advantages and disadvantages of both traditional and more novel approaches to evaluation are discussed. Students will learn how to create online surveys along with principles of test and survey management. Issues surrounding online testing including access, privacy, and data input accuracy are emphasized. Overall program benchmarks are explored. Summer. [3] Krau.

NURS 395. APN Role within the U.S. Health Care Delivery System. This course provides students with an understanding of how the U.S. health care system works, including major components of both service delivery and financing of care. Students analyze and evaluate the health care delivery system, focusing on the role of the Advanced Practice Nurse within the system. The relationships between and among the various stakeholders, including consumers, providers, payers, regulatory agencies, and policy makers, are explored as well as their impact on health care delivery. The focus is on economic implications of health planning, organization of personnel and resources, design of payment systems, and cost effectiveness of healthcare delivery. Summer. [3] Staff.

NURS 396A. Special Topics: Interpretation of Complex Laboratory and Diagnostic Data in the Adult Patient. This elective course provides the student with the theoretical basis required to perform an in-depth interpretation of selected serum, urine, and radiological diagnostic patient data. A variety of specialized tests will also be included. Lectures and case studies will provide the student information to assist in developing a differential diagnosis and assessing effectiveness of interventions. Class discussions will examine ways to apply knowledge from laboratory and diagnostic tests to a variety of clinical settings. Other information, such as cost and how to order tests, will also be included. Pre/corequisite: RN licensure or permission of instructor and 306. Spring. (2) Bryant.

NURS 396B. Research in Religion and Health. The purpose of this course is to examine the relationships between health and religion from the perspectives of a health science (nursing) and a religious discipline (practical theology). This will be done by exploring the methodologies and tasks of religious studies and the health sciences as they pertain to research of religion and health. Students will investigate the history of and theoretical assumptions behind empirical studies of religion and health. In addition, students will analyze claims and findings about the association of religious beliefs to health beliefs, practices, and outcomes. Pre/corequisite: None. (Cross listed in catalog with DIV 3062). This course is not offered during the 2011/2012 academic year. Spring. [Variable credit 1-3]

NURS 396C. Special Topics: HIV/AIDS. This course consists of didactic content related to the care of persons with HIV/AIDS. It will enable the student to explore the roles of the nurse in advanced practice HIV/AIDS arenas, understand the pathophysiologic processes underlying HIV/AIDS infection, evaluate the rationale for and the effects of current treatment modalities, and analyze the interrelationships between the physical, psychosocial, spiritual, and political realms associated with the disease. Students taking the course for 3 hours will participate in developing a project pertaining to an area of interest in HIV/AIDS nursing. Prerequisite/corequisite: None. Summer. [Variable credit 1-3] Staff.

NURS 396D. Advanced Critical Care Concepts for the ACNP Intensivist. This course assists students in developing the competence to evaluate, diagnose and treat patients with a variety of complex critical illnesses. Students will be educated on a variety of advanced intensive care topics. The primary focus is on evidence-based practice diagnostics and treatment of the critically ill patient. This course builds on previous coursework, including the Acute Care Nurse Practitioner core courses. Prerequisite: 306A/C, 340A, and Fundamental Critical Care Support Provider Certification through the Society of Critical Care Medicine's Course. Spring. [3] Squiers.

NURS 396E. Advanced Critical Care Simulation. This course is designed to provide advanced cognitive and procedural experience in the critical care simulator at the Center for Experimental Learning and Assessment at the Vanderbilt School of Medicine. Simulations are designed to provide clinical content surrounding the management of complex patients in the ICU setting. These class sessions provide an opportunity for students to integrate complex diagnostics and therapeutics with communication and team management skills. Sessions focus on clinical situations that student NPs are unlikely to directly manage during their clinical rotation where more experienced providers are available. Prerequisite: 305B/F, 306, 307C, 340A, 342C, 396D. Pre/corequisite: 340C, 343B. Summer. [1] Squiers.

NURS 396F. Special Topics: Concepts of Emergency Nursing. This course provides students with the knowledge base and skills necessary to render emergency and trauma care. This will provide a foundation for future ACNP role development. The essential evaluation, stabilization and critical time management techniques will be discussed. It is essential that the ACNP functioning in the ER be experienced in the assessment of non-urgent, urgent and emergent conditions. In this course, the ACNP student will learn the techniques, physiology, and clinical skills necessary to care for adult patients in an emergency setting. Prerequisite: 340A/B, 342, 346. Spring. [2] Wilbeck.

NURS 396G. Special Topics: Concepts in Trauma Nursing. This course explores, at an advanced practice level, pathophysiology, assessment and diagnosis, and collaborative management of adults who have experienced a severe trauma. Each student will demonstrate in writing his or her ability to analyze, integrate, and synthesize pathophysiologic concepts and current research findings for the collaborative management of trauma patients. Pre/corequisite: 305A/B, 340A/B, 342. Spring. [2] King.

NURS 396W. Spanish for Primary Care Providers. This course introduces the nurse practitioner student to Spanish words and phrases that will be useful to them in a nurse practitioner setting. Emphasis is on the ability to communicate with the non-English-speaking Hispanic client in primary care settings such as pediatric, family planning and adult health situations. Pre/corequisite: Must be a student in the specialty year and have fulfilled requirements for registration, and documentation must be on file in the associate dean's office for the following: attendance at annual OSHA training program at the School of Nursing, proof of adequate hospitalization insurance coverage, active Tennessee licensure if the student is a registered nurse; current CPR certification for both adult and child; and required immunizations as listed in the *School of Medicine Catalog*. (Students must have an active Tennessee license before beginning the final clinical practicum in the specialty component.) Summer. [1] Salisbury.

NURS 397. Practicum in Emergency Care. This course is designed to provide clinical experience in development and application of the roles of the acute care emergency nurse practitioner. Emergency Department settings will allow the student to apply management skills and evaluate nursing theory, pathophysiologic and psychosocial concepts in planning. The student will practice in clinical settings for a total of 140 hours. Clinical conferences will be held weekly and will focus on pathophysiology, diagnoses, and therapeutic management related to emergency care. Spring. [2] Wilbeck.

NURS 399A. Scientific Underpinnings for Advanced Nursing Practice. This course explores the scientific and philosophical underpinnings of advanced nursing practice. Methods by which nursing knowledge is generated and levels of evidence informing nursing practice will be investigated. Use of advanced search strategies to support evidence-based practice is emphasized. This course builds on the student's basic understanding of the relationships among theory, evidence, and practice. Spring. [3] Staff.

NURS 399B. Conceptualization and Integration of Evidence for Advanced Nursing Practice. This course provides the student with the opportunity to explore a relevant problem in advanced nursing practice. Concepts related to the selected problem are identified and critically appraised. Methodologies to generate evidence will be presented to examine knowledge related to the selected problem and make practice recommendations. This course builds upon prerequisite knowledge. Pre/corequisite: NURS 399A. Summer. [3] Staff.

D.N.P. Courses

NURS 410. Evidence-Based Practice I: The Nature of Evidence. This course explores the philosophical underpinnings for nursing knowledge relevant to the role of the Doctor of Nursing Practice (DNP). Methods by which nursing knowledge is generated and levels of evidence informing nursing practice will be investigated. Students will identify and analyze concepts relevant to their topic of interest. Corequisite: 412. Fall. [2] Donaldson and Christenbery.

NURS 412. Informatics for Scholarly Practice. This course provides an overview of informatics, the transformation of data into information, knowledge, decisions, and actions to improve outcomes. To take advantage of electronic data mines, scholars of the future will need to understand the basics of databases and the structure of vocabularies. Knowledge management to support evidence-based practice will be a critical skill. In addition, this course prepares the student to use available technology tools to present, interpret, and organize data. Prerequisite: Admission to the DNP program or permission of instructors. Fall. [2] Trangenstein and Weiner.

NURS 414. Statistics in Health Sciences. This course provides an overview of the logic and appropriate use of statistical techniques most commonly reported in the research literature of the health professions. The spectrum of topics encompasses most univariate parametric and non-parametric procedures, including correlational and repeated measures analyses. Across the varied topics, emphasis is placed on: 1) becoming knowledgeable of the underlying logic of each statistical technique, 2) the appropriate use and underlying assumptions of the procedure, 3) interpretation of results from statistical software, and 4) evaluation of published results using statistical procedures. Prerequisite: Admission to the DNP program or permission of instructors. Fall. [3] Gordon and Parish.

NURS 420. Integrative Application of Evidence-Based Practice I. This is the first of a three-course series that provides the DNP student with mentored opportunities to develop an independent, analytic scholarly project proposal focusing on problems of practice within specific populations. To complete the objectives of this course successfully, the student is expected to practice a minimum of 125 hours in a practice area related to their topic of interest. Prerequisite: 410, 412, 414, 424; pre/corequisite: 422. Spring. [1] McArthur.

NURS 422. Evidence-Based Practice II: Evaluating and Applying Evidence. This course will build on Evidence-Based Practice I by preparing DNP students to evaluate evidence designed to improve clinical outcomes related to their identified topic of interest, and to translate the evidence into practice environments. Prerequisite: 410, 412, 414; pre/corequisite: 422, 442. Spring. [3] Moore and Donaldson.

NURS 424. Epidemiology. Epidemiology focuses on the distribution and determinants of disease frequency in human populations. This course prepares the student to use epidemiological strategies to examine patterns of illness or injury in groups of people. Concepts of health, risk, and disease causality are examined. Implications for development of data-based programs for disease/injury prevention and control as well as policy implications will be discussed. Prerequisite: 414. Spring. [3] Rogers.

NURS 430. Integrative Application of Evidence-Based Practice II. In this second course of a three-course series, the DNP student works with a faculty mentor to implement the scholarly project. To complete the objectives of this course successfully, the student is expected to practice a minimum of 125 hours in a practice area related to their topic of interest. Prerequisite: 410, 412, 414, 420, 422, 442; pre/corequisite: 432, 444. Summer. [1] Staff.

NURS 432. Health Care Economics and Finance. This course covers basic economic theory, market drivers and restraints, health care finance and reimbursement, cost/benefit analysis and health care entrepreneurship. Theory and application are integrated throughout the course with a particular focus on the clinical role of the DNP within the contemporary health care environment. Students take either 432 or 434. Prerequisite: 410, 412, 414, 422; pre/corequisite: 420. Summer. [3] Watters and Harris.

NURS 434. Advanced Health Care Economics and Finance. This course addresses advanced application of economic theory, financial principles, and financial modeling in the health care market. Theory and application are integrated and aimed at preparing the student to assume an executive-level DNP role in large and complex health care organizations. Prerequisite: 410, 412, 414, 422; pre/corequisite 420. Summer. [3] Staff.

NURS 440. Integrative Application of Evidence-Based Practice III. In this final course of a three-course series, the DNP student evaluates the scholarly project specific to a population of interest within a practice

setting. In order to successfully complete the objectives of this course, the student is expected to practice a minimum of 250 hours in a practice area related to their topic of interest. Prerequisite: 410, 412, 414, 420, 422, 424, 430, 432, 442, 444; pre/corequisite: 452, 454. Fall. [2] Staff.

NURS 442. Quality Improvement and Patient Safety. This course prepares students to design, implement, and evaluate evidence-based quality health care practices for patient populations (individuals and aggregates) in acute, home, and community settings. Working as partners in interdisciplinary teams, students will assess organizational culture, gather safety information, analyze data and translate findings into systems changes through action learning experiences within their own organizations. Prerequisite: 410, 412, 414; pre/corequisite: 420, 422. Fall. [3] Polancich and Watters.

NURS 444. Management of Organizations and Systems. This course synthesizes leadership theory and organizational models within the context of the health care industry. Models of human resource management, change management, strategic planning, program development and implementation will be explored and applied. Based on these theories and models, the student will derive the DNP's role in complex health care organizations. Prerequisite: 410, 412, 414, 420, 422, 424, 442; pre/corequisite 430, 432. Fall. [3] Pilon and Zielinski-Carter.

NURS 445. Evidence-Based Management in Health Care Organizations and Systems. This course is designed for DNP students with demonstrated competencies in organizational theory and behavior, leadership principles and practices, and organizational structure and culture through prior graduate education and career history. These experienced nurse managers will apply evidence-based management methodology to their work environments. The DNP role is explored as an important catalyst for transforming traditional organizational decision-making and policy development to an evidence-based approach. Prerequisite: 410, 412, 414, 420, 422, 424, 442; pre/corequisite: 430, 432. Fall. [3] Pilon and Zielinski-Carter

NURS 452. Health Policy. This course addresses health policy from the perspectives of evidence development, analysis, and economic impact within a socio-political context. There is a secondary focus on the role of regulation within the U.S. health care system. The DNP contribution to health policy development is explored. Prerequisite: 410, 412, 414, 420, 422, 442; pre/corequisite: 430, 440, 444. Spring. [3] Haushalter.

NURS 454. Legal and Ethical Environment. This course provides a comprehensive analysis of the legal, regulatory, and ethical environments that impact DNP practice. Prerequisite: 410, 412, 414, 420, 422, 424, 430, 432, 442, 444; pre/corequisite: 440, 452. Spring. [3] Thomson-Smith.

NURS 460A. Obesity and Weight Control Part 1: Biology, Physiology, and Epidemiology. Nationwide and worldwide, the obesity epidemic is growing, and this has led to a significant number of adults and children with obesity-related comorbidities such as hypertension, dyslipidemia, type 2 diabetes, and cardiovascular disease. Awareness of this trend necessitates greater understanding of the link between adiposity and metabolic disease. This course will review the biological and physiological control of food intake and energy balance. The course will evaluate the metabolic pathways in which food and macronutrient intakes are utilized to provide energy and mechanisms by which body weight and health are influenced. Public health issues associated with obesity, energy, and macronutrient intakes will be discussed as well as the adequacy of intakes in meeting recommended requirements at various life stages. Critical evaluation of peer-reviewed literature will be used to study prevention and risk factors of overweight and obesity, consequences with regard to metabolic syndrome and other chronic disease states, and public health issues. This course builds on undergraduate/graduate preparation in anatomy, physiology, and biochemistry. Pre/corequisite: 410A, 422. Spring. [2] Silver.

NURS 460B. Obesity and Weight Control Part 2: Management and Practice. Weight management and treatment of overweight, obesity, metabolic syndrome, and other obesity-related comorbidities requires multidisciplinary efforts. This course will build on the knowledge obtained in 460A to provide the student with a comprehensive understanding of national and organizational guidelines as well as current

evidence-based standards of care. The course will review the role of various health care providers in screening and assessment of body weight and energy balance. Patient management issues specific to age groups across the life cycle will be discussed as well as differences in practice and management by health care setting. The course content will include use of the scientific evidence to evaluate current dietary, pharmaceutical, and surgical treatment models, strategies to optimize outcomes as well as identification and management of adverse outcomes. Pre/corequisite: 460A. Summer. [2] Silver.

NURS 466. Curriculum Strategies for Health Professional Education. (Required course for students who have received a Nurse Faculty Loan) This course introduces the student to the foundations of learning theory and learning styles. The impact of technology on learning practices and the appropriate use of technology to facilitate learning are emphasized. Students will create electronic elements for effective learning and use a course management system. Copyright and fair use issues are discussed. Overall curriculum strategies that integrate content, organization, informatics, and sequencing of courses are discussed. Students will design a learning program that integrates learning styles, technology use, and a course management system. Prerequisite: Admission to the DNP program or consent of faculty. Spring, Summer. [3] Krau.

NURS 467. Educational Evaluation for Learning in the Health Professions. (Required course for students who have received a Nurse Faculty Loan) This course explores issues related to evaluating educational offerings that employ technology. The advantages and disadvantages of both traditional and more novel approaches to evaluation are discussed. Students will learn how to create online surveys along with principles of test and survey management. Issues surrounding online testing, including access, privacy, and data input accuracy are emphasized. Overall program benchmarks are explored. Prerequisite: Admission to the DNP program or consent of faculty. Summer, Fall. [3] Krau.

Ph.D. Nursing Courses

NRSC 302. Advanced Doctoral Seminar I. This course consists of a series of seminars focusing on issues relative to the dissertation, development of a program of research, and the role of the nurse scientist. The topics are selected by course faculty and the students who may be at various points of doctoral study in nursing. Topics and experiences may include proposal development, grant applications, mock proposal reviews, and dissemination of research findings. The seminar is required for two semesters, one-credit hour each semester. Prerequisite: Completion or concurrent enrollment in NRSC 380. Spring. [1]

NRSC 303. Advanced Doctoral Seminar II. This is the second seminar course in this series and focuses on the refinement and expansion of the student's ability to clearly articulate his/her phenomenon of interest. This course is designed to prepare students for the written qualifying examination and in developing his/her program of research. Prerequisite: Completion of Advanced Doctoral Seminar I. Summer. [1]

NRSC 304. Ethical and Legal Issues in Research. This course provides an overview of issues related to the responsible conduct of research, including data management, vulnerable populations, authorship and publication, conflicts of interest and collaboration. Federal and institutional guidelines are included. Prerequisite: Enrollment in the Ph.D. program or consent of faculty. Spring. [1]

NRSC 305. Informatics and Scholarly Inquiry. This course provides an overview of informatics, the transformation of data into information, knowledge, decisions, and actions to improve outcomes. To take advantage of electronic data mines, scholars of the future will need to understand the basics of databases and the structure of nursing vocabularies. Knowledge management to support evidence-based practice in nursing will be a critical skill. In addition, this course prepares the student to use available technology tools to present, interpret, and organize data. Prerequisite: Enrollment in the Ph.D. program or consent of faculty. Fall. [2]

NRSC 306. Research Design and Statistics I. This course focuses on understanding and applying the basic concepts of descriptive and relational research design and statistics. Students will be introduced

to the full range of designs available to address research aims, moving from descriptive to experimental and quasi-experimental. After examining the relationship of research aims to research design, the nature of measurement, and causal inference, relevant statistical methods for visualizing, describing, and making inferences from data will be introduced. The focus will be on univariate and bivariate descriptive methods. Statistical computing packages will be used. Published research will be used to develop the student's ability to evaluate the design and statistical methods used to describe health care phenomena as well as relationships among them. Prerequisite: Enrollment in the Ph.D. program or consent of faculty. Fall. [3]

NRSC 307. Research Design and Statistics II. This course expands the concepts and applications of Research Design and Statistics I including an introduction to longitudinal and randomized control design issues. Topics related to internal validity, experimental designs, and issues in comparing individuals and groups cross-sectionally and longitudinally will be detailed. Students will be introduced to issues in external validity and the relationships between internal and external validities. Parametric and non-parametric univariate comparative statistical methods used to analyze data resulting from cross-sectional and randomized controlled designs will be included. Students will be expected to generate and interpret results from statistical software and present relevant information in figures, tables, and text. Concepts will be studied within the context of evaluating published research. Prerequisite: Completion of Research Design and Statistics I or consent of faculty. Spring. [3]

NRSC 308. Research Design and Statistics III. This course is focused on advanced designs and multivariate statistical techniques. Design topics include advanced issues in external validity, field experimentation versus laboratory experiments, quasi-experimental and blended designs as well as special considerations for nested and complex longitudinal designs. Related statistical topics include advanced multiple linear regression methods (e.g., path and structural equation modeling), log-linear models and advanced techniques in survival and longitudinal data analysis. These methods and concepts will be discussed and evaluated through educational resources and published research using them. Students will have the opportunity to develop advanced skills in statistical applications most commonly used in their respective areas of interest. Prerequisite: Completion of Research Design and Statistics II or consent of faculty. Summer. [3]

NRSC 309. Special Topics in Quantitative Methods. This course focuses on the skills needed to implement common quantitative data collection methods. The major focus of this course will be on survey methods--how to construct, administer, analyze, and interpret surveys and questionnaires, whether administered in written or verbal form (e.g., interviews), in person or via the mail or online. A portion of the course will cover the development of scales and indexes to incorporate in surveys. Sampling and observational methods to assess behavior and personal characteristics will be included. Prerequisite: Completion of Research Design and Statistics I or consent of faculty. Fall. [2]

NRSC 310. Health, Health Care, Research, and Public Policy. This course explores and critically analyzes theoretical and empirical approaches to understanding dynamic synergies between research, nursing practice, health care organization, and public policy and their impact on health. Strategies for dissemination, translation, and evaluation of evidence-based research findings to support health care practices and public policies to measurably improve health outcomes for selected populations and the student's phenomenon of interest will be discussed. Local, national, and global implications will be explored. Prerequisite: Enrollment in the Ph.D. program or consent of faculty. Spring. [2]

NRSC 311. Role of Scientist in Academe, Community, and World. This seminar course assists the student to develop a personal framework for behavior within academe, the scientific community, and the world beyond. Through readings and discussions, the student will explore a variety of viewpoints about the duties and responsibilities of an educated citizen scientist in an interdependent world. Prerequisite: Enrollment in the Ph.D. program or consent of faculty. Spring. [1]

NRSC 312. Programs of Research and Grantsmanship. This course provides the foundational information necessary for developing a program of research. Focus is placed on acquiring practical skills necessary to develop a program of research, narrowing the focus of student's area of research, and for basic grantsmanship. Focus is placed upon developing the knowledge and practical skills necessary to investigate an area of research interest and draft a research grant proposal appropriate to current level of career development needs and/or phenomenon of interest. Prerequisite: Enrollment in the Ph.D. program or consent of faculty. Fall. [2]

NRSC 313. Theories of Science. This course provides students with an introduction to the central theoretical and philosophical issues concerning the nature of science, the patterns of knowing and knowledge development, criteria for evaluating knowledge claims, and philosophy of science. The course will enable students to become knowledgeable about the forces affecting the development of knowledge and critical analyses of theories commonly used in nursing research. Prerequisite: Enrollment in the Ph.D. program or consent of faculty. Fall. [2]

NRSC 350. Conceptual Foundations for Clinical Research. Critical analysis of theories, concepts and research related to the promotion, protection and restoration of health across the lifespan at individual, family and community levels. Emphasis will be on the individual level. Students conduct a critical analysis of existing and emerging scientific knowledge in a chosen field of study. Prerequisite: Enrollment in the Ph.D. program or consent of faculty. Spring. [3]

NRSC 352. Measurement in Clinical Research. This course examines the principles of measurement, procedures used for critical evaluation of clinical measures and specific techniques for assessing validity, reliability, and the structure of measures for use in diverse populations. A variety of behavioral and physiologic measures are included. Development of new and modification of existing instruments are included. Prerequisite: Enrollment in the Ph.D. program or consent of faculty. Summer. [3]

NRSC 353. Designing and Testing Clinical Interventions. Analysis of methodological, ethical, and practical issues related to the design and implementation of theory-based intervention studies. Students conduct a critical analysis of existing and emerging interventions related to their chosen field of study. Prerequisite: Enrollment in the Ph.D. program or consent of faculty. Fall. [3]

NRSC 366. Curriculum Strategies for Health Professional Education. (Required course for students who have received a Nurse Faculty Loan) This course introduces the student to the foundations of learning theory and learning styles. The impact of technology on learning practices and the appropriate use of technology to facilitate learning is emphasized. Students will create electronic elements for effective learning and use a course management system. Copyright and fair use issues are discussed. Overall curriculum strategies that integrate content, organization, informatics, and sequencing of courses are discussed. Students will design a learning program that integrates learning styles, technology use, and a course management system. Prerequisite: Enrollment in the Ph.D. program or consent of faculty. Summer. [3]

NRSC 367. Educational Evaluation for Learning in the Health Professions. (Required course for students who have received a Nurse Faculty Loan) This course is designed to facilitate expertise in the application of fundamental educational concepts, principles, and theories to techniques of educational measurement and evaluation. The underlying premise for the value of such knowledge is that evaluation provides evidence for sound decision-making in programs of higher education. Moreover, students will acquire competence in the planning and development of classroom and clinical performance evaluation tools, as well as analyzing and interpreting test results within the context of current ethical, legal, and social educational guidelines. Prerequisite: Enrollment in the Ph.D. program or consent of faculty. Summer. [3]

NRSC 368. Contextual Nature of Health and Health Behaviors. This course explores and critically analyzes theoretical and empirical approaches to understanding the interaction of health and environment in affecting health by examining contextual factors that impact health and

health behaviors of various system levels. Examines disparity (e.g., social and economic) as a determinant of health among individuals and sub-populations. Critique selected models of health, health behavior, community organization, and health care delivery and their usefulness to understand and impact selected health phenomena and various ethno-cultural populations and communities. Students critically analyze and synthesize the literature related to a selected phenomenon of interest. Prerequisite: Enrollment in the Ph.D. program or consent of faculty. Fall. [2]

NRSC 377. Special Topics in Nursing Science. Students will discuss research and current developments of special interest to faculty and students (may be repeated for credit). Prerequisite: Enrollment in the Ph.D. program or consent of faculty. [Variable credit: 1-3]

NRSC 379. Non-Candidate Research. This course deals with research prior to entry into candidacy (completion of qualifying examination) and for special non-degree students. Prerequisite: Enrollment in the Ph.D. program or consent of faculty. [Variable credit: 0-6]

NRSC 380. Knowledge Synthesis in Nursing Science. This course provides a critical appraisal of the theoretical and empirical basis of nursing science. Theories and research generated to study phenomena related to nursing are evaluated and synthesized. Strategies for synthesizing extant knowledge in nursing are discussed. Prerequisite: Enrollment in the Ph.D. program or consent of faculty. Spring. [3]

NRSC 381. Current Topics in Health Services Research. This course is designed to assist the student to develop expertise concerning the objectives, support mechanisms, limitations, and controversies of current HSR research initiatives and HSR organizations. Examples of initiatives include (but are not limited to) those of the IOM, governmental and private safety studies, QI/QA consortia, JCAHO, IHI, and other projects. The student will be expected to assess the relative place of her/his research interest in the current HSR environment and to begin to function within the professional role of a health services researcher. Prerequisite: Enrollment in the Ph.D. program or consent of faculty. Spring. [3]

NRSC 382. Measuring Outcomes: Issues in Health Service Research Designs. In this course, the student will develop expertise in the design, measurement, and analysis of studies employing the five generic outcomes of greatest interest in outcomes studies: satisfaction, cost-effectiveness, mortality, health-related quality of life, and morbidity. The student will also be expected to develop an overview including measurement and analysis plans for a condition-specific outcome. The impact of the researcher's decisions regarding conceptual models, treatment definition, risk adjustment strategies, and the application of statistical techniques will be explored. At least one controversy attendant to each of the five generic outcomes will be debated in class. Prerequisite: Completion of Research Design and Statistics I and II. Summer. [3]

NRSC 383. Advanced Topics in Organizational Quality and Safety Research. The student will develop expertise in the measurements commonly used in nursing health services research related to organizational quality and safety. Emphasis will be placed on the challenges to measuring administratively mediated variables (e.g., capital, labor, and process inputs) as well as the design and analytic challenges attendant to multi-level organizational studies. Prerequisite: Completion or concurrent registration in Measuring Outcomes. Fall. [3]

NRSC 390. Independent Study in Nursing Science. Individualized study and reading in areas of mutual interest to the student and faculty member. Prerequisite: Enrollment in the Ph.D. program or consent of instructor. [Variable credit: 1-3]

NRSC 394. Special Topics in Qualitative Design. This course explores qualitative approaches to research, including their theoretical foundations and practical applications. A variety of qualitative methods are presented and discussed. Class participants have the opportunity to study one or two selected methods in depth. Prerequisite: Enrollment in the Ph.D. program or consent of faculty. Summer. [3]

NRSC 395. Research Practicum. This course provides students with exposure to and involvement in the research process. Learning activities are based on student need and interest and determined according to best fit with available faculty research programs. Prerequisite: Enrollment in the Ph.D. program or consent of faculty. [Variable credit: 1-3]

NRSC 399. Ph.D. Dissertation Research. Prerequisite: Enrollment in the Ph.D. program and consent of faculty. [Variable credit: 0-6]

Faculty

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[2003]
- JUDITH H. SWEENEY, Associate Professor of Nursing
B.S.N., M.S.N. (Vanderbilt 1970, 1975) [1975]
- SUSAN M. SWIDER, Senior Lecturer in Nursing
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1998) [2002]
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- JOHN (CHRIS) C. TAYLOR, Adjunct Instructor in Nursing
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- PATRICIA C. TEMPLE, Research Professor of Nursing (Medicine)
B.A. (Mills College 1964); M.S., M.D. (Oregon State 1969, 1969); M.P.H. (Harvard 1974) [2007]
- CYNTHIA S. TERRY, Adjunct Instructor in Nursing
B.S. (Austin Peay State 1985); M.S.N. (Vanderbilt 2004) [2006]
- ANDREW H. THATCHER, Adjunct Associate Professor of Nursing
M.S. (Georgia Institute of Technology 1997) [2004]
- JANE J. THAYER, Adjunct Instructor in Nursing
M.S.N. (Vanderbilt 2001) [2002]
- TRACIE R. THIBAUT, Adjunct Instructor in Nursing
B.S.N. (Austin Peay State 1988); M.S.N. (Vanderbilt 2003) [2006]
- AMY L. THIEN, Assistant in Clinical Nursing (Physician Assistant)
B.A. (Vanderbilt 2002); M.S.M. (Trevecca Nazarene 2008) [2010]
- JEROME W. THOMPSON, Adjunct Instructor in Nursing
M.D., M.B.A. (UCLA 1976, 1994) [2004]
- JOHN RICHARDSON THOMPSON, Adjunct Associate Professor of Nursing
B.A. (Lipscomb 1977); B.Sc., Pharm.D. (Tennessee. Memphis 1980, 1982) [2008]
- CLARE J. THOMSON-SMITH, Assistant Dean for Faculty Practice; Assistant Professor of Nursing
B.S. (Cumberland 1997); M.S.N., J.D. (Vanderbilt 1998, 2003) [2006]
- SHARON TIBBITS, Adjunct Instructor in Nursing
B.A. (Colorado 1985) [2007]
- DAPHNE C. TITUS, Instructor in Clinical Nursing
B.B.A. (Belmont 1997); M.S.N. (Vanderbilt 2004) [2008]
- JANE L. TODD, Adjunct Instructor in Nursing
B.S.N. (Richmond 1992); M.S.N. (Vanderbilt 1994) [2003]
- NANCY S. TOWNSEND, Adjunct Instructor in Nursing
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- MELISSA M. TOWRY, Adjunct Instructor in Nursing
A.A. (Tennessee, Nashville 1973); B.S.N. (Belmont 1987); M.S.N. (Tennessee, Memphis 1990); F.N.P. (Belmont 1995) [2004]
- PATRICIA A. TRANGENSTEIN, Professor of Nursing; Assistant Professor of Biomedical Informatics
B.S.N. (Vanderbilt 1975); M.S.N. (Saint Louis 1979); Ph.D. (New York U. 1988) [2002]
- PATSY C. TRIMBLE, Instructor in Clinical Nursing
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- A. LEE TUCKER, JR., Adjunct Instructor in Nursing
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- DONNA TUDOR, Adjunct Instructor in Nursing
B.S.N., M.S.N. (Alabama, Huntsville 2000, 2001) [2004]
- STACI TURNER, Adjunct Instructor in Nursing
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- ANN M. VANDER WOUDE, Instructor in Clinical Nursing
B.S.N. (Iowa 1982); M.S.N. (Vanderbilt 1990) [1993]
- DAWN M. VANDERHOEF, Assistant Professor of Nursing
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- DANIELA P. VAVRA, Adjunct Instructor in Nursing
B.A., B.A., M.Pharm. (Montana 1996, 1997, 1999); M.S.N. (Vanderbilt 2001) [2003]
- CRYSTAL N. VERNON, Assistant Clinical Professor of Pediatrics; Adjunct Instructor in Nursing
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- MICHAEL W. VOLLMAN, Assistant Professor of Nursing; Assistant Professor of Psychiatry
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- KENNETH WALLSTON, Professor of Nursing; Professor of Psychology
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- LYNN E. WEBB, Assistant Vice Chancellor for Health Affairs, Staff Relations; Assistant Professor of Medical Education and Administration; Adjunct Assistant Professor of Nursing
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- ALLEN (A. BRIAN) B. WILCOX, Adjunct Instructor in Nursing
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- BARBARA J. WOLFF, Instructor in Clinical Nursing
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- KATHLEEN L. WOLFF, Instructor in Clinical Nursing
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- HOPE B. WOOD, Adjunct Instructor in Nursing
W.H.N.P. (Emory 1990) [2002]
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- SARAH E. WRAY, Instructor in Clinical Nursing
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- LINDSEY R. WRIGHT, Instructor in Clinical Nursing
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- MICHAEL A. WRIGHT, Adjunct Associate Professor of Nursing
M.S.W. (Andrews 1997); Ph.D. (South Carolina 2003) [2010]
- DEBRA M. WUJCIK, Associate Professor of Nursing
B.S.N. (Pittsburgh 1977); M.S.N. (Vanderbilt 1982); Ph.D. (Utah 2007) [1986]
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A.S.N. (Aquinas College [Tennessee] 2002); M.S.N. (Vanderbilt 2004); D.N.P. (Tennessee. Memphis 2008) [2007]
- KENNETH N. WYATT, Adjunct Instructor in Nursing; Assistant Clinical Professor of Pediatrics
B.A., M.D. (Michigan State 1968, 1979) [2000]
- DAVID W. YANCEY, Adjunct Instructor in Nursing
B.A. (Shimer 1973); M.Div. (Nashotah House 1980); M.S.N. (Vanderbilt 1992) [1997]
- CONNIE E. YANT, Adjunct Instructor in Nursing
B.S.N., M.S.N. (Alabama, Huntsville 1998, 2000) [2003]
- SIYATHA YARLAGADDA, Adjunct Assistant Professor of Nursing
B.S. (CUNY, Brooklyn College 1985); M.S. (South Alabama 1992) [2011]
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- PAULA C. YELVERTON, Adjunct Instructor in Nursing
B.S.N. (North Carolina 1966); M.S.N. (Vanderbilt 1985) [1985]
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Class of 2010/2011

Doctor of Philosophy

- Jie Deng Nashville, Tenn.
 B.S.N., Beijing Medical (Beijing, China)
 M.S.N., Peking (Beijing, China)
 Ph.D. dissertation: *The Impact of Secondary Lymphedema after Head and Neck Cancer Treatment on Symptoms, Functional Status and Quality of Life*
- Linda Wiley Fisher Tacoma, Wash.
 B.S.N., Western Kentucky
 M.H.A., Baylor
 Ph.D. dissertation: *The Influence of Organizational and Personal Factors on U.S. Army Nurse Corps. Officers' Intent to Leave*
- Benjamin Allan Smallheer Hartsville, Tenn.
 B.S.N., Florida State (Tallahassee, Florida)
 M.S.N., Vanderbilt
 Ph.D. dissertation: *Learned Helplessness and Depressive Symptoms in Patients Following Acute Myocardial Infarction*
- Cynthia Gregory Waller Nashville, Tenn.
 B.S.N., Bethel College (North Newton, Kansas)
 M.S.N., Vanderbilt
 Ph.D. dissertation: *Understanding the Relationship between Gender, Previous Cardiac Event and Prehospital Delay Behavior in Acute Myocardial Infarction*

Doctor of Nursing Practice

- Debra Ann Arnow Nashville, Tenn.
 B.S.N., Texas Women's
 M.S.N., Vanderbilt
 D.N.P. Scholarly Project: *Preparing the Nurse Manager for Evidence-Based Nursing Practice*
- Kelly William Bliss Seattle, Wash.
 B.E., Vanderbilt
 M.S.N., Vanderbilt
 D.N.P. Scholarly Project: *Evaluation of Patient and Clinician-Rated Measures for Quality Improvement of CMHC Practice*
- Lisa Mae Brooks Rock Spring, Ga.
 B.S.N., Tennessee [Chattanooga]
 M.S.N., Vanderbilt
 D.N.P. Scholarly Project: *Comparing Outcomes in Patients with Type 2 Diabetes Who Received Formal DSMT to Patients Who Did Not Receive Formal DSMT*
- Sandra Lynn Brooks Ormond Beach, Fla.
 B.S., Chapman
 M.S.N., California [Los Angeles]
 D.N.P. Scholarly Project: *Integrative Review of Emotional Freedom Techniques (EFT) for Post-Traumatic Stress Disorder and Associated Symptoms*
- Carol Lynn Callaway-Lane Nashville, Tenn.
 B.S., Maryville
 M.S.N., Vanderbilt
 D.N.P. Scholarly Project: *Timeliness and Accuracy of Diagnosis for Veterans with Signs of Lung Cancer within Tennessee Valley Healthcare System*
- Vickie R. Harper Collins Cleveland, Tenn.
 B.S.N., Brenau
 M.S.N., Vanderbilt
 D.N.P. Scholarly Project: *Development of a Protocol: Diagnosis and Treatment of Community-Acquired Pneumonia in the Elderly In a Home Visiting Practice*
- Elizabeth Ann Besherse Cooper Fairview, Tenn.
 B.S.N., Texas Women's
 M.S.N., Vanderbilt
 D.N.P. Scholarly Project: *Development of a Discharge Planning Process*

- Amy Julia Culbertson
B.S.N., Evansville
M.S.N., Vanderbilt
D.N.P. Scholarly Project: *Health Providers' Knowledge, Attitudes and Beliefs Regarding Adult Immunizations*
- Deborah Ann Currey
M.S.N., Hawaii Pacific
D.N.P. Scholarly Project: *Chronic Non-Malignant Pain Management and Prevention of Prescription Drug Abuse*
- Joanne Donnelly
B.S.N., Bradley
M.S., Columbia
D.N.P. Scholarly Project: *A National Survey Investigating Intraoperative Anesthesia Handoff Practices and Recommendations for Standardization*
- Julianne Zehnder Ewen
B.S.N., Rush
M.S.N., Kentucky
D.N.P. Scholarly Project: *Evaluating Patients With Mild Cognitive Impairment: An Evidence-based Protocol*
- Greta Louise Fowinkle
B.S.N., Tennessee [Memphis]
M.S.N., Vanderbilt
D.N.P. Scholarly Project: *An Evaluation of Selected Components of A Comprehensive Care Model in Pediatric Primary Care*
- Jeannie Kristin Booher Giese
B.S.N., Tennessee Technological
M.S.N., Vanderbilt
D.N.P. Scholarly Project: *Pediatric Obesity and its Effects on Asthma Control*
- Candace Currie Harrington
B.S.N., Gardner-Webb
M.S.N., North Carolina [Greensboro]
D.N.P. Scholarly Project: *Nurse Practitioner Practice Patterns: Heart Failure Management in Long Term Care Facilities*
- Mary Margaret Hillstrand
B.S.N., Alaska [Anchorage]
M.S.N., Alaska [Anchorage]
D.N.P. Scholarly Project: *Multiple Sclerosis in a Nurse Practitioner's Neurology Practice in Alaska*
- Kelly K. Horton
B.S.N., Northwestern State [Louisiana]
M.S.N., Missouri [Kansas City]
D.N.P. Scholarly Project: *Necrotizing Enterocolitis: Is There an Increased Incidence in Premature Infants with Patent Ductus Arteriosus?*
- Kim Kathleen Kuebler
M.S.N., Emory
D.N.P. Scholarly Project: *Comparing Perceived Knowledge of Chronic Disease Management to Quantitative Knowledge Measurement in a Sample of Baccalaureate Nursing Students: Implications for Palliative Care Nursing Education*
- Mary Ineal Lambert
B.S.N., Tennessee [Chattanooga]
M.S.N., Emory
D.N.P. Scholarly Project: *A Gap Analysis to Identify Knowledge Deficits about Women's Health among VA Care Managers*
- Treasa Kay Leming
M.S.N., Vanderbilt
D.N.P. Scholarly Project: *The Application of the Toyota Production System Lean 5S Methodology in the Operating Room Setting*
- Deborah Ruth Marcus
M.S.N., California State [Sacramento]
D.N.P. Scholarly Project: *Identification of Perceived Barriers to Air Force Nurses Seeking Care for Post-Traumatic Stress Disorder: A Pre Deployment Educational Program*
- Susan Marie Moseley
B.S.N., Saint Louis
M.S.N., Vanderbilt
D.N.P. Scholarly Project: *Intrinsic Risk Factors for Falls in the Adult Inpatient Stroke Population*

Leigh Powers B.S., American M.S., Georgia Institute of Technology M.S.N., Vanderbilt D.N.P. Scholarly Project: <i>Adherence to Clinical Practice Guidelines When Prescribing Second Generation Antipsychotics</i>	Brentwood, Tenn.
Robin Denise Jahn Schier B.S.N., Houston Baptist M.S.N., Texas Health Science Center [Houston] D.N.P. Scholarly Project: <i>Barriers and Facilitators of All-Terrain Vehicle Education and Safety Training for Youths Under 16 Years of Age</i>	Sugar Land, Texas
Tricia Lynn Stanley B.S., Indiana State M.S.N., Indiana-Purdue [Indianapolis] D.N.P. Scholarly Project: <i>Patient and Provider Attributes Associated with COPD Exacerbations in Primary Care</i>	Crawfordsville, Ind.
Jannysse LaNee Starks B.A., Fisk M.S.N., Vanderbilt D.N.P. Scholarly Project: <i>Culturally Sensitive Health Education to Decrease Uncontrolled Hypertension in African American Women</i>	Nashville, Tenn.
Kenneth Earl Watford B.S., Delta State B.S.N., Delta State M.S.N., Vanderbilt D.N.P. Scholarly Project: <i>Optimal Utilization: An Exploration of Resources through a Nurse Practitioner/Surgeon Collaborative Practice Model in Otolaryngology</i>	Nashville, Tenn.
Courtney J. Young B.S., Jackson State M.P.H., Alabama [Birmingham] M.S.N., Vanderbilt D.N.P. Scholarly Project: <i>Development of an HIV/AIDS Risk Profile: African American Women Engaging in Heterosexual Relationships</i>	Nashville, Tenn.

Master of Science in Nursing

Acute Care Nurse Practitioner

Lauren Hubbard Adcock B.S.N., Tennessee Technological	Lebanon, Tenn.
Robert Thomas Alexander B.S., Arizona State B.S.N., Grand Canyon	Queen Creek, Ariz.
Josephine Elizabeth Bahn B.A., Middle Tennessee State B.S., Middle Tennessee State	Nashville, Tenn.
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Shanelle Anne Binggeli B.A., Vanderbilt	New Orleans, La.
Tracy Shawn Bogard B.S.N., Murray State	Brentwood, Tenn.
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AnnaLee Skelton Edwards B.A., Vanderbilt	Atlanta, Ga.
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Jennifer Marie Fitzsimmons B.E., Vanderbilt	Nashville, Tenn.
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Jayme Flynn B.S., Post M.S., Boston College	Brentwood, Tenn.
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Adrienne Lee Jones B.S.N., Grand Canyon	Gilbert, Ariz.
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Shelton L. Lacy B.S., Centre	Nashville, Tenn.
Melissa Kent Lasater B.S.N., Belmont	Spring Hill, Tenn.
Erin Elizabeth Lock B.S.N., Milligan	Jonesville, Va.
Ashley Jackson Lord B.S.N., Clemson	Mount Juliet, Tenn.
Monica Erin Pressley Lowman B.S.N., Lenoir-Rhyne	Lincolnton, N.C.
Hannah Miller Maloney B.S., Cornell University	Joelton, Tenn.
Stephanie Russell Mehr B.A., Vanderbilt	Rochester, Minn.
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Aimee Diane Walsh B.S.N., Thomas Jefferson	.Blackwood, N.J.
Zhijian Wang B.S.N., Second Military Medical University [China]	Brentwood, Tenn
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Ariel Danika Waters	Bend, Oreg.
Sarah Christine Wood	Silverton, Oreg.

Adult Nurse Practitioner

Joy Fields Abraham B.S.N., North Carolina [Greensboro]	High Point, N.C.
Holly Cessna Allison B.S.N., Kent State	Waverly, Tenn.
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Melissa Anne Benson B.S., Judson [Alabama] B.S.N., Queens University of Charlotte [North Carolina]	Nashville, Tenn.
Kim Lowery Biggs B.S., Western Carolina	Westmoreland, Tenn.
Emily Yvonne Bradley B.S.N., Florida State	Nashville, Tenn.
Barbara Jean Bunting B.S.N., West Virginia [Morgantown]	Nashville, Tenn.
Sabrina Lynn Cook	Charlotte, Tenn.
Anna Elise Cottle B.S.N., Oklahoma Health Sciences Center	Oklahoma City, Okla.
Debra Craven B.S., Tennessee [Knoxville]	Franklin, Tenn.
Yoshi Lynn Tsurumi Darnal B.S., Vanderbilt	Murfreesboro, Tenn.
Sharonda L. Dobbins-Branch B.S., Jackson State B.S.N., Baptist Memorial College of Health Sciences	Southaven, Miss.
Gary Wayne Dodd B.A., Lipscomb M.S., Abilene Christian M.Div., Harding Graduate School of Religion	Brentwood, Tenn.
Kristen Elion B.S., Vanderbilt	Memphis, Tenn.
Jennifer Rose Harkelro Epperson B.S., North Alabama	Murfreesboro, Tenn.

Donna Castelli Garay B.S., Boston College B.S.N., Simmons	Nashville, Tenn.
Anna Rebecca Glaser B.Mus., Vanderbilt	Cincinnati, Ohio
Kathryn Ann Hansen	Joelton, Tenn.
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Karen Kochell B.S.N., Oklahoma City	Wagoner, Okla.
Gay Lawton M.S., Memphis B.S.N., Louisville	Louisville, Ky.
Melissa Marie Leaberry B.S.N., Middle Tennessee State	Nashville, Tenn.
Tracy Little B.S.N., Memphis	Lexington, Tenn.
Jefferson Wilburn Moore, Jr.	Batesville, Ark.
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Siobhain Marie Morrissey-Jones B.S.N., Austin Peay State	Hermitage, Tenn.
Elizabeth Clare Munson-Markway B.S.N., Tennessee [Chattanooga] M.A., Vermont College at Norwich	Clarksville, Tenn.
Sarah Myers B.S.N., Northeastern Oklahoma State	Broken Arrow, Okla.
Robert Adolph Niemann B.S. in Agric., Tennessee [Knoxville] M.S., Murray State	Clarksville, Tenn.
Amy Elizabeth Ownby B.S.N., Martin [Tennessee]	Jackson, Tenn.
Rebecca Smith Powell B.S., Valdosta State	Christiansburg, Va.
Angela Mae Riddle B.S.N., Belmont	DeWitt, Mich.
Johnathan Antonio Rodriguez B.S.N., Kansas [Lawrence]	Independence, Kans.
Roland William Rogers II B.S., East Tennessee State M.P.H., East Tennessee State B.S.N., East Tennessee State	Greeneville, Tenn.
Blake Salmony B.A., Goucher	Chapel Hill, N.C.
Tiffany Lee Smith B.S.N., Oklahoma Health Sciences Center	Bartlesville, Okla.
Tanaya Summers B.S., Tennessee State	Nashville, Tenn.
Christine N. Taherian B.S., Georgia	Nashville, Tenn.
Kelly Lynn Weatherford B.S., Middle Tennessee State	Goodlettsville, Tenn.
Rachel Michele Wilkinson B.S.N., Oklahoma Health Sciences Center	Broken Arrow, Okla.
Cameron Wright B.S.N., Memphis	Nashville, Tenn.
Sherry Denise Wright B.S., Western Kentucky	Antioch, Tenn.

Clinical Research Management

Mary Agnes Andreano B.S.N., Rutgers-Camden Regional Campus	Lumberton, N.C.
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Sarah A. Harris B.A., Agnes Scott B.S.N., Georgia State	Arlington, Mass.
Leigh Anne Lawrence B.S.N., Murray State	Hendersonville, Tenn.
Ann Marie Oakeson B.S.N., Phoenix	Hollister, Calif.
Theresa Marie Shalaby B.S.N., Carlow	Thompson's Station, Tenn.
Julie Lynn Berry Thomas B.S.N., Tennessee [Knoxville]	Franklin, Tenn.

Family Nurse Practitioner

Tokunbo Christianah Adewumi B.S.N., Texas Women's	Antioch, Tenn.
Melissa Anne Armstrong B.S., Belmont B.S.N., Belmont	Colorado Springs, Colo.
Rachel M. Axsom B.S.N., Indiana [Bloomington]	Bloomington, Ind.
Elizabeth Anne Baker B.S.N., Lipscomb	Nashville, Tenn.
Monique Stephanie Balthazar B.S.N., Andrews	Okemos, Mich.
Melody Nadia Bishara B.S., Vanderbilt	Marietta, Ga.
Matthew Bowers B.A., San Francisco State	Nashville, Tenn.
Daniel Ray Breivogel Bachelor of Agriculture, Ball State B.S., Ball State	Nashville, Tenn.
Sirena Robin Bridges B.S., Tennessee State M.S., Meharry Medical	Milwaukee, Wis.
Brittany LeNice Briggs B.S.N., Fisk	Chicago, Ill.
Casi Michelle Bryant B.S., Belmont	Franklin, Tenn.
Kerry Carrigan-Fite B.A., Lipscomb M.A., Vanderbilt B.S.N., Austin Peay State	Goodlettsville, Tenn.
John Glen Carson B.A., Mississippi State B.B.A., Mississippi State	Tupelo, Miss.
Mary Hamilton Chestnut B.A., Covenant	Nashville, Tenn.
Kelvisha Leshae Davis B.A., Fisk M.S., Tennessee State	Nashville, Tenn.
Danielle Rae Deslauriers B.S., University of the South	Hermitage, Tenn.
Kristen Tobin Dossett B.S., Vanderbilt	Brandenburg, Ky.
Emily Ann Eckert B.S., Vanderbilt	Nashville, Tenn.
Sarah Lorraine O'Neal Flanigen B.A., Virginia [Charlottesville]	Clarksville, Tenn.
Amanda Kyle Gaines B.S.N., Tennessee [Knoxville]	Brentwood, Tenn.
Cynthia Klein Heilpern B.S., Vanderbilt B.S.N., Georgetown University	Nashville, Tenn.

Erin Marie Hiveley B.S., United States Air Force Academy	Madrid, Iowa
Carolyn Denise Jackson B.S., Tennessee State M.S., Tennessee State	Madison, Tenn.
Timothy Jones B.S.N., Tennessee [Martin]	Murfreesboro, Tenn.
Denise Delylah Kendall B.S.N., Texas Health Science Center [San Antonio]	Fort Campbell, Ky.
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Marie A. Mattei-Weiland B. Mus., Berklee College of Music	Franklin, Tenn.
Heather Jennifer Mayzell B.S., Vanderbilt	Nashville, Tenn.
Patrick James McCarty B.A., Virginia [Charlottesville]	Nashville, Tenn.
Paul Michael McClellan B.S., Tennessee Wesleyan	Hermitage, Tenn.
Laura Alexandra Millener B.S., United States Air Force Academy	Nashville, Tenn.
Maria Lili Jo Catalan Miller B.A., Washington [Seattle]	Lebanon, Tenn.
Jamie Leigh Mitchell B.S.N., Tennessee Wesleyan	Clinton, Tenn.
Grace Erin Monger B.S.N., Tennessee [Knoxville]	Nashville, Tenn.
Kelly Diane Randall Odum B.S.N., Belmont	Nashville, Tenn.
Ferris Rhea Owen B.S.N., Tennessee [Knoxville]	Murfreesboro, Tenn.
John Painter Lauren Elizabeth Palmore B.A., University of the South B.S.N., Belmont	Nashville, Tenn. Lexington, Ky.
Esther Elyse Perlmutter B.S.N., Medical University of South Carolina	Nashville, Tenn.
Melissa Pounders B.S., Alabama [Tuscaloosa]	Nashville, Tenn.
Sue Ann Whittington Richardson	Manchester, Tenn.
Anna Kathryn Richmond B.S.N., Southeastern Louisiana	Nashville, Tenn.
Anne Stuart Rochford B.A., Miami [Ohio]	Nashville, Tenn.
Kaitlin Michelle Rowland B.S.N., Indianapolis	Paoli, Ind.
Aaron Wesley Scott B.S., Western Kentucky	Nashville, Tenn.
Julia Martin Steed B.S.N., Middle Tennessee State	Murfreesboro, Tenn.
Sarah Shoshannah Stiriss B.S., Middle Tennessee State	Austin, Texas
Morgan Sutton Stone B.S.N., Tennessee [Martin]	Jamestown, Tenn.
Andrea C. Taylor B.S.N., Tennessee Technological	Nashville, Tenn.
Aaron Craig Templeton B.S.N., Middle Tennessee State	Sparta, Tenn.
Jennifer Wiles B.S.N., Gardner-Webb	Noblesville, Ind.
Robyn Jillian Worsey B.S.N., Missouri [Columbia]	Old Hickory, Tenn.

Family Nurse Practitioner/Acute Care Nurse Practitioner: Emergency Care Focus

Taylor Ann Miller B.S.N., Ferris State	Grand Rapids, Mich.
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Health Systems Management

Angela Atswei Adjetey B.A.N., Eastern Mennonite M.A., Eastern Mennonite M.P.H., New York Medical	New York, N.Y.
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Yvette Marie Chavalier Bertaut B.S.N., Phoenix	Metairie, La.
Phebe Lynn Bloomingburg B.S.B., Murray State B.S.N., Murray State	Franklin, Tenn.
Aubrie Gatlin Booth B.S.N., Tennessee [Knoxville]	Nashville, Tenn.
Vickie Lee Sircy Cage B.S.N., Western Kentucky	Gallatin, Tenn.
Stuart Dewayne Downs B.S.N., Southern Louisiana M.S., Central Michigan	Covington, Ga.
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Michele Marie Hasselblad B.S.N., Jacksonville	Goodlettsville, Tenn.
Courtney Shante Hines B.S.N., Fisk	Antioch, Tenn.
Sanjosa Martin B.S.N., Mississippi [University]	Raymond, Miss.
Chasity Mullins B.S.N., Tennessee [Martin]	Hendersonville, Tenn.
Catherine Rene Murphey B.S.N., Portland	Bend, Oreg.
Tracey Renee Hearn Odachowski B.A., College of Notre Dame of Maryland B.S.N., Johns Hopkins	Newport News, Va.
Tracy Lorraine Patterson B.S.N., Tennessee [Knoxville]	Franklin, Tenn.
Michelle Alexandra Ruslavage B.S., Pennsylvania State B.S.N., Pittsburgh [Pittsburgh]	Mount Juliet, Tenn.
Joanna Pinelle Vallie B.S.N., Rivier	Nashua, N.H.

Neonatal Nurse Practitioner

Kelley Ruth Allen B.S., Lipscomb B.S.N., Belmont	Arrington, Tenn.
Kristen Bindel B.S.N., Emory	Corpus Christi, Texas
Carlye S. Burns B.S.N., Samford	Nashville, Tenn.
Allison Cate B.S.N., Pennsylvania	Nashville, Tenn.
Jessica A. Charpentier B.S.N., Kansas [Lawrence]	Olathe, Kans.
Catherine M. Dean B.S.N., Medical College of Georgia	Dacula, Ga.
Tiffany S. Gwartney B.S.N., DePaul	Orlando, Fla.
Brenda Hershberger B.S.N., Spring Arbor	Temperance, Mich.
Kori Rae Ruplinger Hoffert	West Bend, Wis.
Breanna Louise Jacobs B.S.N., Arizona (Tucson)	New Brighton, Minn.
Jennifer Lynn Lawson B.S.N., Baptist Memorial College of Health Sciences	Selmer, Tenn.
Diana Lazio B.S.N., Vanguard University of Southern California	Corona, Calif.

Krystal Naus B.S.N., California State [Bakersfield]	Bakersfield, Calif.
Stefani D. Nevils B.S.N., Medical College of Georgia	Monroe, Ga.
Alexander Scott Potts B.S.N., University of Arkansas for Medical Sciences	Little Rock, Ark.
Ginger Dawn Richey Starnes B.S.N., East Tennessee State	Chattanooga, Tenn.
Leona Annalee Stevens B.S.N., Kaplan [Florida]	Grandview, Mo.
Stefanie Ann Swingle Foster B.S.N., Carson-Newman	Signal Mountain, Tenn.
Tashia Nichole Tjaden B.S.N., Rockhurst	Olathe, Kans.
Abby Jean Van Den Broeke B.S., California State [Fresno]	Lemoore, Calif.

Nurse-Midwifery

Elaine Rebekah Bishop B.A., Wooster	Hudson, Ohio
Galit Viviana Church B.A., Florida	Nashville, Tenn.
Robin Lynn Cobb B.S., Stonehill Ph.D., Vanderbilt	Nashville, Tenn.
Rena Hannah Diem B.A., Michigan [Ann Arbor]	West Bloomfield, Mich.
Emilie Denise Garcia B.A., California [Santa Barbara]	San Jose, Calif.
Susannah Caroline Hahn B.A., Salem [North Carolina]	Nashville, Tenn.
Jamie Lynn Pickering	Sumter, S.C.
Taneesha Lanee Reynolds B.S.N., Tennessee State M.B.A., Phoenix	LaVergne, Tenn.
Lisa Marie Richards B.S., Rochester	Westborough, Mass.
Caitlin Rose Sloan B.A., Mount Holyoke	Auburn, Maine
Clare Marie Storck B.A., California [Santa Cruz]	Sonoma, Calif.
Manola Annabella Valverde Vides	Guatemala City, Guatemala
Emmy Jo Wyss B.S.N., Wisconsin [Eau Claire]	Black River Falls, Wis.

Nurse-Midwifery/Family Nurse Practitioner

Heather Rose Greenlee B.A., Covenant	Marion, Ill.
Davin Patrice Perkins B.S.N., Middle Tennessee State	Brownsville, Tenn.
Anika Schulte Phillips B.S.N., Union	Saint Paul, Minn.
Jakki Nicole Robinson B.S.N., Carson-Newman	Morristown Tenn.
Nicole Elizabeth Simpson B.S.N., North Florida	Stuart, Fla.

Nursing Informatics

Patricia R. Estes B.S.N., Eastern Kentucky	Lexington, Ky.
Jacqueline P. Fowler B.S.N., Western Kentucky	Woodburn, Ky.
Kristin Amy Humm B.S.N., Florida	Nashville, Tenn.
Giles Anthony Lippard B.S., Tennessee Technological B.S.N., Cumberland University [Tennessee]	Hendersonville, Tenn.
Stephanie Lee Dixon Philo	Franklin, Tenn.

Donna Jayne Howser Stephens B.S.N., Indiana Wesleyan	Oak Ridge, Tenn.
Hollie Tamez B.S.N., Phoenix	Hemet, Calif.
Dongli Zhao B.S.N., Hubei Medical College [China]	Brentwood, Tenn.

Pediatric Nurse Practitioner

Jennifer Jo Anderson B.S.N., Lipscomb	Nashville, Tenn.
Amanda Kay Arens B.S.N., Creighton	Omaha, Nebr.
Amanda Dean Bawcom B.S.N., Harding	Nashville, Tenn.
Jessica Kristen Black B.A., Samford	Nashville, Tenn.
Morgan Britney Chatman B.S., Vanderbilt	Cordova, Tenn.
Joyce Emerson Cleary B.S.N., Holy Family M.B.A., Widener	Franklin, Tenn.
Brittney Lauren Cover B.S.N., Belmont	Nashville, Tenn.
Sara Townsend Dade B.S., Centre B.S.N., Louisville	Covington, Ky.
Kelly Anne Davis B.S.N., Clemson	Nashville, Tenn.
Heidi Lynn Dennis B. Mus., Berklee College of Music B.S.N., Belmont	Antioch, Tenn.
Carrie Ann Donnell B.A., Vanderbilt	Nashville, Tenn.
Lauren Elizabeth Eppinger B.S., Bennington	Cambridge, Mass.
Claire Auffmanberg Foehrkalb B.A., Baylor B.S.N., Barnes–Jewish College of Nursing and Allied Health	O'Fallon, Ill.
Tara Rene Fox B.S., Virginia Polytechnic Institute and State University	Knoxville, Tenn.
Patricia Smith Garrett B.A., Mississippi [University]	Memphis, Tenn.
Ashley Marie Hebert B.S.N., Oklahoma Health Sciences Center	Oklahoma City, Okla.
James A. Hutcheson B.S., Memphis B.S.N., Tennessee Health Science Center	Millington, Tenn.
Elizabeth Blaire Jett B.S.N., Union	Nashville, Tenn.
Lauren Elizabeth Keldie A.B., Washington [Missouri]	Brentwood, Tenn.
Hope Meredith Kieft B.A., Covenant	Charlotte, N.C.
Kelsey Elizabeth Kramer B.S., Stetson	Merritt Island, Fla.
Elizabeth Larson Leachman B.S.N., Virginia [Charlottesville]	Chevy Chase, Md.
Kelly Patricia Long B.S.N., Central Missouri State	Afton, Okla.
Melanie Cheree Mantz B.S.N., Austin Peay State	Clarksville, Tenn.
Rebecca Joye Mark B.S.N., Tulsa	Somerville, Mass.
Caitlin Victoria Martin B.A., Vanderbilt	Barrington Hills, Ill.
Carey McDonald B.S.N., Virginia [Charlottesville]	Nashville, Tenn.
Monica Ann McKeon B.S., Vanderbilt	Atlanta, Ga.

Kelli Michelle McNeely B.S.N., Texas Tech	San Antonio, Texas
Briann E. Mellar	Orlando, Fla.
Lucy Joy Miller	Chattanooga, Tenn.
Michelle Nicole Coleman Neff B.S.N., Tennessee Wesleyan	Nashville, Tenn.
Alison Teresa Nguyen B.S., Vanderbilt	Nashville, Tenn.
Erin Marie Roosth B.S., Florida	Stuart, Fla.
Jennifer Anne Sanderfer B.S.N., Texas [Arlington]	Hendersonville, Tenn.
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Elizabeth Anne Smith B.S., Lipscomb	Nashville, Tenn.
Laurel Kay Socha B.S.N., Milwaukee School of Engineering	Charlotte, N.C.
Ashley Dawn Sterling B.S.N., North Alabama	Nashville, Tenn.
Jaimee Delise Varner B.S.N., Stephen F. Austin State	Lufkin, Texas
Cassandra Ann Wesnofske B.S., Vanderbilt	Nashville, Tenn.
Sarah Catherine Wilkerson B.S., Wofford B.S.N., Middle Tennessee State	Nashville, Tenn.
Alexandra Shinner Wilson B.S., Fairfield	Chicago, Ill.
Erin Gwendolyn Wood B.S., Oregon State	Silverton, Oreg.

Psychiatric-Mental Health Nurse Practitioner

BKasey Denae Anderson B.S., Belmont	Brentwood, Tenn.
Jeaninne Lorraine Blackwell	Nashville, Tenn.
Amy L. Bryce	Nashville, Tenn.
Alexandra Kay Drake B.S., Louisiana State University and A&M College	Shreveport, La.
Tonya R. Durant B.S., Middle Tennessee State M.A., Trevecca Nazarene	Nashville, Tenn.
Angie Gaw Emerson B.S.N., Vanderbilt	Nashville, Tenn.
Colleen Elizabeth Hamilton B.S.N., Florida	Nashville, Tenn.
Amy Melissa Seale Hough B.A., Oklahoma [Norman]	Norman, Okla.
Kenneth D. Hunnicutt B.A., Tennessee [Chattanooga]	Manchester, Tenn.
Jacqueline Rose Jones	Maple Grove, Minn.
Holly Anne Liter B.B.A., Belmont	Nashville, Tenn.
Melinda McCusker B.A., Western Kentucky	Boisbriand, Canada
Joel Bryan McPherson B.S., Lipscomb M.S., East Tennessee State	Nashville, Tenn.
Courtney Elizabeth Migel B.A., Vanderbilt	Redding, Conn.
Barbara Gail Parrott B.S.N., Louisiana [Monroe]	Bowling Green, Ky.
Michael Joseph Radyko B.S., Tennessee State M.S.S.W., Tennessee (Knoxville)	Goodlettsville, Tenn.
Javina Shenell Smith B.S., Vanderbilt	Edmond, Okla.
Alyn Kate Taylor B.S., Middle Tennessee State	Nashville, Tenn.

Loretta Katherine Wilson B.A., Virginia [Charlottesville]	Nashville, Tenn.
James Winchester B.S., Thomas Edison State B.S.N., Creighton	Gibbon, Nebr.
Evan Michael Witherington B.S., Belmont	Nashville, Tenn.
Laura June Young	Lebanon, Tenn.

Women's Health Nurse Practitioner

Ashley Elizabeth Arnold A.B., Eaton College	Penn Yan, N.Y.
Kristy Marie Blaney B.A., Louisiana [Monroe] B.S., Louisiana [Monroe]	Mount Juliet, Tenn.
Candice LaToya Bruce B.S., Hampton M.S., Georgia State	South Boston, Va.
Erin Elizabeth Empting B.S., Tennessee [Knoxville]	Germantown, Tenn.
Lauren Jean Grempler B.S., Auburn [Auburn]	Coral Springs, Fla.
Heather Caia Hodges B.S.N., Baylor	Marble Falls, Texas
Catherine Tarleton Meriwether B.S.N., Auburn [Auburn]	Antioch, Tenn.
Jaclyn Ann Miller B.S., Vanderbilt	Corpus Christi, Texas
Rebecca Ann Mooney B.M., Belmont B.S.N., Belmont	Brentwood, Tenn.
Casey Eileen O'Hanlan B.S.N., Clemson	Nashville, Tenn.
Anne Lorraine Pedigo B.S., Vanderbilt	Murfreesboro, Tenn.
Lindsay Meredith Piper A.B., Elon University	Saint Petersburg, Fla.
Carrie Ann Schrimsher B.S., North Carolina [Greensboro]	Athens, Ala.
Lucie Slapnicka B.S., Western Washington	Seattle, Wash.
Kathryn Elizabeth Smith B.S.N., Memphis	Memphis, Tenn.
Anna Louise Storvick B.A., Westmont	Prescott, Ariz.
Melissa Ann Young B.A., Indiana [Bloomington]	Bloomington, Ind.

Women's Health/ Adult Nurse Practitioner

Angela Aaron B.S.N., Tennessee [Knoxville]	Nashville, Tenn.
Alexandria M. McClure B.S., Texas [Austin]	Frisco, Texas
Lauren Bernice Ahiatsi Moss B.S., Western Kentucky	Nashville, Tenn.
Ashley Elizabeth Nutt B.S.N., Central Arkansas	Lewisville, Ark.
Erin Claire Reed B.S., Belmont M.Ed., Vanderbilt	Nashville, Tenn.
Mary Jo Anne Stone B.S.B.A., Tennessee [Knoxville]	Crossville, Tenn.
Adonius Michelle Wright	Nashville, Tenn.

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