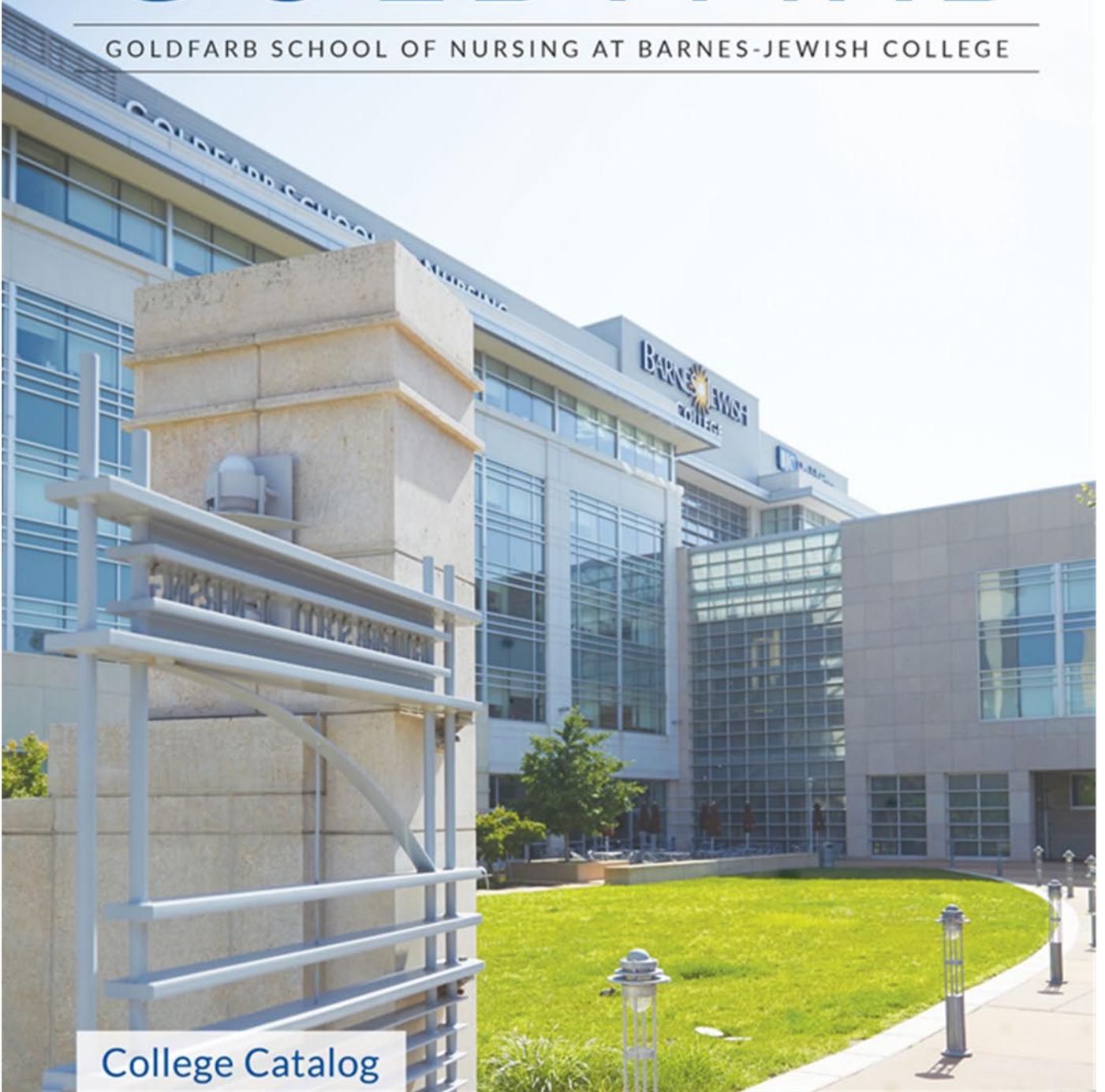


# GOLDFARB

GOLDFARB SCHOOL OF NURSING AT BARNES-JEWISH COLLEGE



College Catalog

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# Goldfarb School of Nursing at Barnes-Jewish College

## Mission Statement

We prepare exceptional nurse leaders in an academic learner-centered environment.

## Vision

To be a national academic leader in nursing education, research and scholarship.

## Our Values

The values of Goldfarb School of Nursing at Barnes-Jewish College represent our highest aspirations for institutional identity, impact, and routine interactional conduct.

### Compassion

We promise to care about you.

### Respect

We promise to treat you with dignity.

### Excellence

We promise to be our best.

### Safety

We promise to keep you safe.

### Teamwork

We promise to partner with you.

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**Human Resources**

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**Instructional Technology**

**Bruce Cunningham**

**Academic Technology Specialist I**

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### **Library and Information Services**

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### **Registration**

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### **Simulation**

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### **Student Affairs**

**Michael D. Ward, PhD, RTR, FASRT, FMoSRT**  
**Vice Dean of Student Affairs & Diversity & Professor**  
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**Tina Mays**

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**June Cowell-Oates, EdD, LPC, LCSW**

**Director of Alumni Affairs & Program Officer**

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**Student Support Services**

**Jessica Allen**

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**Janine Russell**

**Academic & Student Support Advisor**

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## Locations

Duncan Campus Site: 4483 Duncan Avenue, Saint Louis,  
MO 63110  
West Campus Site: 3005 N. Ballas Road, Saint Louis, MO

# Accreditation

The College is accredited by the Higher Learning Commission (HLC) and has approval from the Missouri Coordinating Board for Higher Education (MCBHE). The pre-licensure programs are fully approved by the Missouri State Board of Nursing. The Bachelor of Science and Master of Science programs at Goldfarb School of Nursing are accredited by the Commission on Collegiate Nursing Education, 655 K. Street, NW, Washington, DC 20001, (202) 887-6791. The Nurse Anesthesia Program is fully accredited by the Council on Accreditation of Nurse Anesthesia Educational Programs (COA). The U.S. Department of Education certifies all programs as eligible for federal and state grants and loans. All clinical affiliates are Joint Commission for Accreditation of Healthcare Organizations (JCAHO) accredited.

Higher Learning Commission (HLC)  
Website: <http://www.hlcommission.org/>

Missouri Coordinating Board for Higher Education (MCBHE)  
Website: <http://dhe.mo.gov/cbhe>

Commission on Collegiate Nursing Education (CCNE)  
Website: <http://www.aacnursing.org/CCNE>

Council on Accreditation of Nurse Anesthesia Educational Programs  
Website: <http://www.coacna.org/accredited-programs>

Missouri State Board of Nursing  
Website: [www.pr.mo.gov/nursing.asp](http://www.pr.mo.gov/nursing.asp)

## Nondiscrimination Statement

Goldfarb School of Nursing at Barnes-Jewish College does not discriminate on the basis of race, color, ethnicity, religion, sex, national origin, age, ancestry, disability, status as a veteran, sexual orientation, marital status, parental status, gender identity, gender expression and genetic information. The College's nondiscrimination policy applies to all phases of its admission and financial aid programs, and to all other aspects of its educational programs and activities. Retaliation directed to any person who pursues a discrimination complaint or grievance, participates in a discrimination investigation, or otherwise opposes unlawful discrimination is prohibited.

The following person has been designated to handle inquiries regarding the College's non-discrimination

policies: Dr. Michael Ward, Vice Dean for Student Affairs and Diversity at [michael.ward@barnesjewishcollege.edu](mailto:michael.ward@barnesjewishcollege.edu). Inquiries may also be directed to the United States Department of Education Office of Civil Rights.

Questions concerning the College's policies on sexual harassment and sexual violence can also be directed to Dr. Michael Ward, Vice Dean for Student Affairs and Diversity at [michael.ward@barnesjewishcollege.edu](mailto:michael.ward@barnesjewishcollege.edu) who also functions as the Title IX Coordinator for Goldfarb School of Nursing.

# Notice to Students

The policies and procedures in this College Catalog are subject to review and revision annually. Amendments can be also made during the academic year, at the College's discretion, and if changes, additions, or deletions are made during the academic year, they will be announced on the College's learning management system. All changes are effective immediately after being announced. It is the student's responsibility to note changes to the College Catalog.

The College Catalog is not a contract and should not be construed as such. Rather, it is intended as a reference point for students regarding the various issues related to their attendance at the College.

## Credit Transfer Policies

### BSN Programs

Students wishing to transfer credits into the BSN Program must receive approval from the Program Director, as credits are evaluated on an individual basis. A maximum of nine (9) credit hours of undergraduate nursing course work may be applied as transfer credit and must be evaluated prior to starting the program. Transfer courses are not computed in the GPA. For more information on this procedure, please contact the Academic and Student Support Advisors.

### MSN Programs

Students wishing to transfer credits into the MSN Program must receive approval from the Program Director, as credits are evaluated on an individual basis. A maximum of nine (9) credit hours of graduate course work may be applied as transfer credit for a graduate degree program. For the post Master's certificate program, a maximum of six (6) credit hours of graduate course work will be considered for transfer credit. A grade of "B" or higher must have been earned at a regionally accredited institution within five years to be considered for transfer credit. Transfer courses are not computed in the GPA.

### DNP Programs

A maximum of nine (9) credit hours of graduate course work may be applied as transfer credit for students pursuing the DNP degree. A grade of "B" or higher must have been earned at a regionally accredited institution within five years to be considered for transfer credit. Transfer courses

are not computed in the GPA.

### Credit by Competency Examination

Students with appropriate experience may be permitted to take competency exams for which comparable college credit has not been earned previously. Examination credit cannot be used for residency purposes. Satisfactory scores on competency examinations must be on file with the Admissions Department prior to the beginning of the student's final term. Information on CLEP (College Level Examination Program) is available at [www.collegeboard.org](http://www.collegeboard.org); information on the Excelsior College Examination Program is available at [www.excelsior.edu](http://www.excelsior.edu).

## Credit Hour Policy

### Definition of Credit Hour

Goldfarb School of Nursing at Barnes Jewish College's definition of "credit hour" is based on the Carnegie unit of academic credit and is defined in 34 CFR 600.2 (and further modified in 34 CFR 668.8 (k) as "an amount of work represented in intended learning outcomes and verified by evidence of student achievement that is an institutionally established equivalency that reasonably approximates not less than:

one hour of classroom or direct faculty involvement and a minimum of two hours out of class course work each week for approximately 15 weeks for one academic term or the equivalent amount of work over a different amount of time: or

at least an equivalent amount of work as required in paragraph (1) of this definition for other activities established in the institution, including laboratory work, clinical and other academic work leading toward the award of credit hour(s)." In accordance with common practice in higher education, instruction representing a credit hour is typically delivered in a 50-minute class period.

The number of credit hours awarded for courses is based on the expected time required to successfully meet the course objectives. This time is a combination of activities including in-class lecture, laboratory work, outside reading, and other academic work.

Courses taught with an online/blended format may not have specific seat time expectations, they maintain

comparable quality and student learning outcomes.

Some courses include clinical contact hours that represent the number of hours per week the course will meet in clinical experience outside the classroom or other specified work associated with the course/program.

The definition of credit hour is listed in the college catalog, website, financial aid materials, faculty manuals and student handbook and supplements.

### **Awarding Credit Hours for Clinical Experiences**

#### **Undergraduate Programs**

One credit hour for clinical practicum is 48 hours of direct care hours.

Direct Care refers to the nursing care provided to individuals or families that is intended to achieve specific health goals or achieve selected health outcomes. Direct care may be provided in a wide range of settings, including acute and critical care, long-term care, home health, community-based settings, and educational settings (AACN Essentials, 2011). This can include student teaching to a community group, diabetes screenings, or a flu vaccine clinic. A poster presentation based on assessment of community health needs and designed to improve health outcomes does count toward direct care hours. Note: Direct care is not observation. To earn three-hours of clinical credit over one 15-week term the student is required to be at the clinical site: Formula 3 credits x 48 hours = 144 hours for one 15-week term. Preconference, debriefing, and post conference are included in this 144-hour calculation.

The Missouri State Board of Nursing and therefore GSON does not allow 'orientation to clinical' to be counted toward the earned clinical hours.

Examples that are NOT direct care include:

1. Poster presentation in a library not based on current assessment or any follow-up evaluation.
2. Skills lab practicing clinical skills
3. Assessment of virtual, simulated, and/or standardized patients
4. Windshield survey without follow-up assessment and use of data to improve population health

Use of simulation lab, with high-fidelity mannequins, and or standardized patients can be counted toward but not replace the entire clinical direct care experience. Skills lab

does not count toward the direct care experience.

Following Missouri State Board of Nursing's directive, no more than 25% of total earned clinical hour credits can be completed using high-fidelity mannequins, case-study, role-play, or standardized patient type simulation.

Skills lab is psychomotor focused and is used to teach, demonstrate, give return demonstration and hours of practice to learn the skills of the nursing profession. Hours in the skills lab are calculated 1:1. One credit in the skills lab requires 48 hours in the lab to see, learn, and practice to build skills and confidence to apply the same skills in a direct care clinical setting. Learners can be videotaped practicing the skill to use for review, practice, and improvement. Students are encouraged to attend open lab hours for additional faculty supported practice time.

Use of simulation for clinical hours is based on review of other accredited and leading university BSN nursing education programs. GSON does allow the 2:1 ratio in the actual simulation environment. One hour in the simulation labs can be calculated as two hours of direct care clinical. Simulation activities must follow INACSL Standards of Best Practice:

Simulation. <https://www.inacsl.org/inacsl-standards-of-best-practice-simulation/>

Simulation designs must be detailed, documented and include learning outcomes and objectives as well as evaluation strategies of each planned scenario/case study. This information must be presented to simulation faculty prior to facilitating the simulation scenario. Pre-briefing and debriefing must be part of the simulation experience.

Course faculty will file with their Program Director: copy of the simulation design completed prior to the class time, analysis of the student evaluations, and comments of strengths and opportunities for improvement.

Missouri State Board of Nursing requires that no more than 20-25% of clinical credit hours may be completed in a simulation lab. We are reminded, nursing is a practice profession and students must have appropriate practice in direct care with patients and families across settings to be safe in practice.

#### **Graduate Programs**

The graduate programs of GSON follow the same definition for credit hour for theory/didactic credit as our undergraduate programs. The award of graduate clinical credit hours varies by program and is defined as follows. Refer to program course syllabi and student supplements for additional information on graduate program clinical

credit hours.

Adult-Gerontology Acute Care Nurse Practitioner: One (1) clinical credit hour is equivalent to 56 hours.

Adult-Gerontology Primary Care Nurse Practitioner: One (1) clinical credit hour is equivalent to 56 hours.

Nurse Anesthesia: One (1) clinical credit hour is equivalent to 1 day.

Nurse Educator: One (1) clinical credit hour is equivalent to 112 hours.

Health Systems and Population Health Leadership: One (1) clinical credit hour is equivalent to 56 hours.

Doctor of Nursing Practice: One (1) clinical credit hour is equivalent to 100 hours.

### **Procedures Relevant to Awarding Credit Hours**

All course syllabi at Goldfarb School of Nursing at Barnes Jewish College must identify the total number of credit hours for the course, the number of theory credits (1 credit = 15 hours/term) and the number of clinical credits (1 credit= 48 hours/term for undergraduate). Goldfarb offers three terms annually. Each term is 15 weeks in length.

The definition of credit hour is listed in the college catalog, website, financial aid materials, and student and faculty manuals and supplements.

Course faculty will document the amount of work necessary to earn course credit as part of the orientation to the course in syllabi. For each 1 credit = 1 hour/week x 15 weeks PLUS 2 hours of out-of-class work for each credit hour earned to be used for assignments, readings, study, and class preparation

# Tuition, Fees and Payment

## Financial Obligations

Tuition and fees, minus monies known to be released from financial aid sources, are due the first week of the term, unless other arrangements have been made with the Business Office. Payment/installment plans may be granted with the last payment due approximately three weeks prior to the end of the term. Payment plans will not be set up automatically – they require the approval of the Business Office. Students who have an outstanding balance from a previous term will have a “hold” placed on his/her ability to obtain transcripts or enroll for courses. Students with a balance of \$100 or less, originating from the current term, may enroll for the upcoming term. Records of final course grades, official transcripts, and degrees or certificates will not be released until all financial obligations are paid in full. No College office or advisor can relieve students of financial responsibility.

If after registration a course is added or dropped, the financial obligations are re-calculated. Students must complete a “drop/add” form and the Academic and Student Support Advisor will process the form through the Registration Department. Students should consult with the Financial Aid Office prior to submitting a “drop/add” to ensure tuition coverage remains. Depending upon when the “drop/add” form was submitted, a refund may be possible in accordance with the posted Academic Calendar.

Student account activity can be viewed online in Self Service Banner, which is accessible through GusConnect. The account will show all charges and credits as well as the current balance. A “Monthly Reminder” e-mail is sent by the Business Office mid-month to students with a balance due or a credit balance. Questions regarding charges or financial credits should be directed to the Business Office.

## Pre-Attendance Payments

Application fee: Currently Waived

Post-acceptance deposit: \$150

NOTE: Newly admitted students are required to pay a tuition deposit which will be applied to future tuition charges. The tuition deposit is **non-refundable** if a student subsequently declines admission. Should a student postpone admission, the deposit will be held and applied to the new start date.

## Tuition and Fees

Tuition charges and other fees are generated based on completed course registration. Tuition charges are based upon credit hours. Rates are subject to change.

### Tuition:

Undergraduate courses	\$770/credit hour
Graduate (MSN) courses	\$834/credit hour
Doctoral Courses	\$950/credit hour
Nurse Anesthesia Concentration surcharge:	\$1,634-\$2,625/term

### Fees (non-refundable):

Audit	One-third of course tuition cost
Computer Access	\$15 per term
Graduation	\$125
Locker Rental	\$35 per term (Recommended for pre-licensure)

## Undergraduate:

Clinical	\$175 per term (Pre-licensure only)
Assessment Test Bundle	\$640 (Approximate; pre-licensure only; Charged Term 1)
Approved NCLEX-RN Live Review	\$300-\$500 (approximate; pre-licensure only)

\*\*NOTE: Students will be billed directly from the review vendor providing the exam.

Skills Lab Supplies	\$100 per course for NURS 3180 (includes stethoscope), NURS 3260, NURS 4935
Student Services	\$100 per term full-time (12+ hours) \$50 per term part-time (less than 12 hours)
Background Check/Drug Screening/Immunization Tracking	\$137.75 paid directly to Castle Branch by student

## Graduate:

NP Supplies	\$300 for NURS 5605
Graduate Clinical	\$135 or \$175 per clinical practicum course
HESI NP Exam	\$77 (one-time fee)
Typhon NP Student Tracking	\$90 (one-time fee)
Background Check/Drug Screening/Immunization Tracking	\$137.75 paid directly to Castle Branch by student

## Estimated Expenses

Books:	\$1,000 per term for BSN pre-licensure students \$4,000 per program for AGACNP, AGPCNP
Uniforms:	\$260 for Pre-licensure students
Pre-Graduation Fees: (Estimated fees students will incur outside of GSON)	\$44.80 for Missouri Fingerprinting Fee \$200.00 NCLEX Registration

Duncan Avenue, Attn: Business Office, St. Louis, MO 63110. Checks returned (e.g., for insufficient funds) will be assessed a \$30 service charge. If additional checks are returned all future payments must be made by a Cashier's check, money order, or debit/credit card.

## Transcripts

### Transcripts

Official transcripts are ordered electronically through the National Student Clearinghouse. Online Transcript ordering is available for current and former Goldfarb School of Nursing students. If you attended Goldfarb prior to 2010, you will be directed from the clearinghouse website on how to request your official transcript. Each transcript record costs \$8.25. Unofficial transcript records are no longer available.

All restrictive holds on a student's record must be cleared before a transcript is released. You will need a major credit card to order transcripts. Shipping options include electronic (through an exchange network or by email), USPS mail, or pickup.

<https://tsorder.studentclearinghouse.org/school/ficccode/00638900>

## Charges and Credits

### Charges and Credits

Tuition charges and fees are generated based on course registration. Tuition charges are based upon credit hours.

It is recommended that students check with the Financial Aid office prior to dropping courses to determine any impact on their financial aid.

Questions regarding charges or credits should be addressed to the Business Office. Students are encouraged to monitor their accounts online via Gus Connect, and email, call, or visit the Business Office with questions regarding financial responsibility for the term or academic year.

Student account activity can be viewed online in Self Service Banner, which is accessible through GusConnect. The account will show all charges and credits as well as the current balance. A "Monthly Reminder" e-mail is sent by the Business Office to students with a balance due or a credit balance.

## International Students

### **Tuition, Fees, and Other Expenses – Estimated**

	Accelerated BSN	Upper Division
Tuition and Fees	\$ 47,000	\$ 33,000
Living Expenses	10,000	10,000
Books and Supplies	3,000	3,000
Health Insurance	1,500	1,500
Total (per year)	\$ 61,500	\$ 47,500 (2 additional terms)

### **Tuition Deposit Requirements**

Accepted students must submit a tuition deposit of \$150 to the Admissions Department within 30 days from the date on the admission acceptance letter to complete the admission process. Make check payable to GSON or Goldfarb School of Nursing or Barnes-Jewish College, or call the GSON Business Office to pay by credit/debit card.

## Student Payments

### Student Payments

Payments are accepted in the form of check, or debit/credit card. Checks should be made payable to GSON (or Goldfarb School of Nursing or Barnes-Jewish College). Visa, MasterCard, Discover, and American Express credit/debit cards are accepted. Payments are to be made during Business Office hours between 8:00 a.m. and 4:30 p.m., Monday-Friday. Credit/debit card payments are accepted via phone; checks should be mailed to 4483

## Refund Policies

### Refund Policies

The \$150 tuition deposit, which serves as the official enrollment agreement, is non-refundable.

Other tuition and fee payments are fully refundable if enrollment is cancelled by the end of the 10th school day..

After the 10th school day, only tuition is refundable; fees and other charges are non-refundable. Tuition refunds are prorated from the first day of the academic term:

- 100% of tuition & fees is refunded/credited from the 1st through the 10th school day
- 70% of tuition is refunded/credited from the 11th through the 14th school day
- 50% of tuition is refunded/credited from the 15th through the 18th school day

The first school day of the academic term may be prior to the start of the course. Refund calculations are based on term start dates, not individual course start dates. For courses not on a regular term schedule or for refund information specific to your enrollment, contact the Business Office or reference the applicable Academic Calendar on the GSON website:  
<https://www.barnesjewishcollege.edu/Departments/Registration-Office/Academic-Calendar-and-College-Catalog>  
 Course Audits will not be refunded after the 10<sup>th</sup> school day of the academic term.

Refunds of credit balances are processed in accordance with all regulations. As funds arrive and are posted to the student account, refunds of credit balances are processed. Refunds generally take two weeks from the date funds are posted to the student account to the date the direct deposit/check is mailed. Direct deposit processing preparation and mailing is handled by BJC's Accounts Payable department. Full payment of the student's balance is due at the time of withdrawal.

## Veterans Benefits and Transition Act of 2018 Policy

Veterans Benefits and Transition Act of 2018 requires Missouri's State Approving Agency (SAA) to disapprove all courses at educational institutions that have a policy inconsistent with the following criteria for recipients of Chapter 31 and Chapter 33 of the G.I. Bill™ by August 1, 2019. The policy is limited to tuition funds paid by the

U.S. Department of Veterans Affairs and enforced at Institutions of Higher Learning, Non-College Degree Programs, and Flight Schools.

Goldfarb School of Nursing at Barnes-Jewish College policy ensures that we will not impose any penalty, including the assessment of late fees, the denial of access to classes, libraries or other institutional facilities, or the requirement that a Chapter 31 or Chapter 33 recipient borrow additional funds to cover the individual's inability to meet his or her financial obligations to the institution due to the delayed disbursement of a payment by the U.S. Department of Veterans Affairs.

### Transcripts

Official transcripts are ordered electronically through the National Student Clearinghouse. Online Transcript ordering is available for current and former Goldfarb School of Nursing students. If you attended Goldfarb prior to 2010, you will be directed from the clearinghouse website on how to request your official transcript. Each transcript record costs \$8.25. Unofficial transcript records are no longer available.

All restrictive holds on a student's record must be cleared before a transcript is released. You will need a major credit card to order transcripts. Shipping options include electronic (through an exchange network or by email), USPS mail, or pickup.

<https://tsorder.studentclearinghouse.org/school/ficecode/00638900>

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### Refund Policies

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The first school day of the academic term may be prior to the start of the course. Refund calculations are based on term start dates, not individual course start dates. For courses not on a regular term schedule or for refund information specific to your enrollment, contact the Business Office or reference the applicable Academic Calendar on the GSON website:  
<https://www.barnesjewishcollege.edu/Departments/Registration-Office/Academic-Calendar-and-College-Catalog>  
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### **Charges and Credits**

Tuition charges and fees are generated based on course registration. Tuition charges are based upon credit hours.

It is recommended that students check with the Financial Aid office prior to dropping courses to determine any impact on their financial aid.

Questions regarding charges or credits should be addressed to the Business Office. Students are encouraged to monitor their accounts online via Gus Connect, and email, call, or visit the Business Office with questions regarding financial responsibility for the term or academic year.

Student account activity can be viewed online in Self Service Banner, which is accessible through GusConnect.

The account will show all charges and credits as well as the current balance. A "Monthly Reminder" e-mail is sent by the Business Office to students with a balance due or a credit balance.

# Student Learning Outcomes for Nursing Programs

## BSN Program

Upon successful completion of the BSN program, the graduate will be able to:

1. demonstrate professional behaviors in all activities.
2. engage in evidence-based clinically competent care across transitions of care.
3. exhibit cultural awareness, sensitivity, competency, and ethical behaviors in the provision of nursing care to individuals, groups, and populations within a diverse society.
4. utilize clinical judgments that incorporate reflection, critical thinking, and problem-solving skills.
5. implement health-promotion, risk-reduction, and disease-prevention activities for individuals, groups, and populations.
6. Utilize information and health care technologies to improve quality and provide safe care.
7. enact the professional roles of care provider, care coordinator, and lifelong learner.
8. collaborate as a member of an interdisciplinary health care team.
9. participate as a leader within the scope of professional practice.

## MSN Program

Upon successful completion of the MSN program, the graduate will be able to:

1. Translate science to guide advanced nursing practice, quality improvement, and scholarship.
2. Demonstrate ethical organizational and systems leadership to improve patient and healthcare outcomes.
3. Apply quality improvement initiatives within an organization or practice setting.
4. Provide leadership in the translation and integration of current evidence to ensure safe, quality practice.

5. Incorporate current and emerging healthcare technologies and informatics into practice.
6. Advocate and serve as a change agent to influence policy, improve healthcare delivery, and patient outcomes.
7. Incorporate interprofessional collaboration in the design, implementation, and evaluation of evidence based, client-centered care for patients, families, and vulnerable populations, which include health promotion and disease prevention strategies.
8. Promote safe, ethical, high quality advanced practice care to diverse populations in a variety of settings.

## DNP Program

Upon successful completion of the DNP program, the graduate will be able to:

1. Integrate scientific underpinnings which support the translation of nursing research to improve nursing clinical practice.
2. Design and evaluate safe, cost-effective, patient care delivery strategies to meet the needs of patient populations and positively influence health outcomes.
3. Apply clinical scholarship and leadership skills to advance nursing practice.
4. Utilize information systems/technology and patient care technology to improve and transform healthcare.
5. Demonstrate knowledge to develop, implement, and evaluate health care policy to advocate for patient populations.
6. Engage in effective communication skills to lead and participate in inter-professional collaboration for improving patient and population health outcomes.
7. Lead culturally sensitive, preventative, population focused health services based on epidemiological, biostatistical, and environmental data.
8. Demonstrate advanced nursing practice at the individual, family, and population levels.

## **PhD Program**

**Upon successful completion of the PhD program, the graduate will provide leadership as a practice scientist by:**

1. Generate and disseminate new knowledge by developing and evaluating interventions to improve health outcomes.
2. Integrate culturally competent and ethically responsible research practices as a response to health disparities and identified needs.
3. Lead and promote interdisciplinary teams to conduct health-related translational research and evidence-based practice.
4. Communicate nursing research findings to influence health policy decision-making and to promote health equities.
5. Conduct scholarly activities through research, teaching, mentoring and service to support the discipline and practice of nursing.
6. Provide leadership in advancing the profession through discovery, application, and integration of nursing science.

# Library and Information Services

## Library Mission

The Goldfarb School of Nursing at Barnes Jewish College Library exists to provide access to evaluated information resources and services that proactively support the College's mission of teaching and scholarly inquiry to prepare liberally educated, competent, caring, and socially responsible health care practitioners.

In addition to the resources available at the Goldfarb School of Nursing at Barnes Jewish College Library, students may also use the libraries at the Washington University School of Medicine and the St. Louis College of Pharmacy. Both of these are located on the Barnes Jewish Hospital campus, within two to four blocks of the Duncan campus.

## Library Hours

<u>Duncan Campus Site</u>		<u>West Campus Site</u>	
Monday – Thursday	7:30 am - 8:00 pm	Monday - Thursday	8:00 am - 5:00 pm
Friday	7:30 am - 6:00 pm	Friday	8:00 am – 3:00 pm
Saturday	9:00 am - 3:00 pm		
Sunday	CLOSED		

The library is closed on nationally celebrated holidays and is often on an abbreviated schedule during term breaks throughout the academic year. Changes to the library's hours of operation are posted on the GUS Library tab.

In addition to the physical Library space open hours, online Ask-the-Librarian requests are monitored and answered during evening hours and on weekends.

## Library Catalog

The library has an online catalog, which is available from the GUS Library tab, and within Canvas It includes holdings from the College library and is searchable by book author, title and subject. Also found on the GUS Library tab is a link to the Washington University Medical School Library catalog.

GSON Library is a member of the MOBIUS consortium,

which is comprised of approximately 80 academic and public libraries. Our users have access to the MOBIUS Union catalog, which includes almost 50 million items, mostly from higher education institutions. A courier service delivers library materials to member libraries once per day, five days a week. In addition to the physical items is an e-book collection, available to all MOBIUS library patrons. Those titles can be found within the catalog as well.

The library subscribes to various databases and online journal collections, from which students have access to thousands of online, full-text journals. Below are listed some of the most frequently used databases:

**CINAHL Complete:** is the authoritative resource for nursing and allied health professionals, students, educators, and researchers. This database provides indexing for approximately 2,000 journals from the fields of nursing and allied health, 1,300 of which are full-text.

**MEDLINE Complete:** provides authoritative medical information on medicine, nursing, dentistry, veterinary medicine, the health care system, pre-clinical sciences, and much more. Created by the National Library of Medicine, MEDLINE uses MeSH (Medical Subject Headings) indexing with tree, tree hierarchy, subheadings, and explosion capabilities to search citations from over 5,400 current biomedical journals.

**PROQUEST HEALTH RESEARCH PREMIUM COLLECTION:** provides full-text journals, evidence-based resources, and dissertations to support the study of the many aspects of nursing or the allied health professions, including physical therapy, radiography, dietetics, dental hygiene, and the clinical laboratory sciences.

**COCHRANE LIBRARY:** is a collection of databases that contain high-quality, independent evidence to inform health care decision-making. Cochrane reviews represent the highest level of evidence on which to base clinical treatment decisions. In addition to Cochrane reviews, The Cochrane Library provides other sources of reliable information, from other systematic review abstracts, technology assessments, economic evaluations and individual clinical trials. Current evidence in one single environment!

## Interlibrary Loan (For items not found in MOBIUS)

The purpose of interlibrary loan is to provide our students,

faculty and staff with access to materials necessary for study, teaching, and research that are not available at Barnes Jewish College. The conditions of this service are set by the regulations jointly governing the College and lending libraries.

Library patrons should use the interactive interlibrary loan (ILL) forms available on the GUS Connect Library page. The forms must be filled out as completely and accurately as possible, including contact information.

We will make every attempt to acquire materials at no charge. However, if we cannot locate a library that holds the item in question and with which we have a reciprocal ILL agreement we will inform the patron before continuing, with an order that will incur a charge.

Interlibrary loans take differing lengths of time, depending on the type of material requested, the location and policies of the leading library. Journal articles MAY BE emailed or faxed within one or two days; books are mailed. Patrons should plan accordingly, allowing plenty of time for the receipt of needed material.

Books and photocopies of journal articles, newspapers, and materials otherwise not available from libraries on campus may be requested in strict accordance with copyright law. The Library will not order additional copies of items already owned. The following types of materials are generally NOT available through interlibrary loan: Reference materials, whole journal issues and bound volumes of journals, dissertations, most audiovisual/computer media materials, computer software, and fragile or rare materials.

The loan period is determined by the lending library. A renewal request must be made by the patron at least 4 days in advance of the due date. Lending libraries determine conditions regarding the use of their materials. Another library's lending limitations, such as No Renewal and In-Library Use Only, must be honored.

If the lending library assesses an overdue fine, this fee will be passed on to the patron. The patron is responsible for the replacement cost, plus a per-item processing fee for materials that are lost or damaged. Please note that the late return or damaging of books jeopardizes the ability of our library to borrow materials in the future.

### **Virtual Library**

There are 55 workstation computers adjacent to the library. Students may access the library's online journal subscriptions and other web-based resources from these computers, or remotely. Library staff is available to assist

with research, database searching, locating materials, and one-on-one library tutorials, as requested.

### **Library Obligation Policy**

Library patrons are responsible for the materials checked out in their names. Charges for overdue circulating materials are as follows:

General Collection (7 or 14 days):	\$1.00 per day, up to book replacement cost
Reserve Materials (2 hours):	\$5.00 per hour

\*These fines are calculated per item and parts of days or hours will be rounded up to the next day or hour.

Lost/Damaged Materials:	Cost of replacement + \$15.00 processing fee per item
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Library fines will be automatically debited to student accounts unless library staff are directed otherwise. Library patrons other than Barnes-Jewish College students must pay fines by cash or check before their library privileges are restored.

### **Circulation Policies and Procedures**

Borrowing privileges are available to the entire Barnes-Jewish College community: students, faculty, staff, and alumni, as well as to Barnes-Jewish Hospital clinical staff. Barnes-Jewish College student ID or BJC staff badge information will be verified and documented. Alumni status will be verified before library privileges are extended. All library materials can be used in the library. For all library patrons, the circulation policy is as follows:

General Collection	14 days
Study Guides with Q&A	7 days
Audiovisual/Software	4 hours
Reserve/Reference	2 hours

### **Reserves**

The library keeps a copy of required textbooks on reserve which may be checked out for two hours. Faculty members may keep reserve materials and additional study aids on reserve.

FOOD, DRINK AND CELL PHONES ARE NOT ALLOWED IN THE LIBRARY OR COMPUTER LABS. \*\*

# Student and Alumni Related Services

## Academic Advisement

The Academic and Student Support Advisor manages a caseload of students in both the undergraduate and graduate programs throughout the students' tenure at the College. The Advisor serves as consultant, mentor, coordinator and advocate related to course scheduling, registration, academic performance and program completion. Academic advisement includes assisting the student to develop their academic plan. The Advisor facilitates the student's understanding of the general and specific requirements for academic progression and retention. They may also counsel students related to personal issues and aid in development of a plan that includes other available support services.

## Student Academic Achievement Coordinator (SAAC)

Experienced faculty member led student support is made available to students who require additional course support. Two paths have been created to meet student needs. The first pathway is a course faculty referral that involves Academic and Student Support Advisor to directly assess student immediate personal and academic needs. During the first pathway, the Academic and Student Support Advisor may add additional support of SAAC if need is determined. The second pathway was designed for students to self-refer where students may arrange to meet with SAAC for general questions regarding NCLEX type test taking, standardized content.

## Research Opportunities for Students

We strive to increase opportunities for successful faculty and student collaboration. Our Research Experience Program provides students with valuable, hands-on experience in research methodology. These students work closely with faculty on major aspects of current research, including recruitment of subjects and data collection. The Research Experience Program also fosters professional development with possible presentation experience. These students complete training to receive certification to work with human subjects.

From the start of their studies, nursing students are encouraged to build a strong foundation for their practice through our Research Experience Program. By offering an

opportunity for faculty and students to collaborate on research, our hands-on program advances nursing science while helping students expand their skills and career possibilities.

Our faculty are encouraged to bring on dedicated Research Experience Students at any time to assist in their work, which can range from data collection and data entry to conducting literature reviews.

In the application materials, students will state their research area(s) of interest and/or select a faculty mentor who has a research area of interest to the student. Since the program began several years ago, every student who has wanted to serve as a Research Experience Student has been able to be paired with a faculty. By getting involved in the Research Experience Program, students gain long-term benefits, including CITI training for working with human subjects, research skills development and resume-building experiences.

## Technology Resources

The College is a wireless campus with computer laboratories available for student use during those times the building is open. Students are assigned individual e-mail accounts upon admission to the College. All courses utilize a learning management system as the online learning platform. Office Suite is used exclusively in all programs. Support services are available to students for technical issues related to course work.

## Student Employment

Member organizations in BJC Health Care offer part-time job opportunities to students. Students who work within the system may be eligible for tuition reimbursement. Postings can be found on the BJC website ([www.bjc.org](http://www.bjc.org)) for available job opportunities.

## Alumni Affairs

The goal of Alumni Affairs is to foster meaningful relationships with alumni and current students to cultivate successful and alumni programs. The scope of Alumni Affairs includes the following:

- Alumni Association & Alumni Advisory Council
- Alumni Events & Programming
- Alumni Awards

Featured Alumni Profiles  
Class Reunions  
Homecoming  
Alumni Volunteer Activities  
Alumni Publications  
Website  
E-newsletter

## Alumni Association

The Barnes-Jewish College Alumni Association includes all graduates of Goldfarb School of Nursing at Barnes-Jewish College and graduates from our legacy schools – Barnes-Jewish College of Nursing, Barnes Hospital School of Nursing, and Jewish Hospital School of Nursing. The mission of the Barnes-Jewish College Alumni Association is to:

Unite the graduates of the educational institutions  
Support the interests of the Goldfarb School of Nursing at Barnes-Jewish College  
Promote the professional and educational advancements of nursing

## Alumni Advisory Council

Members of the Alumni Association are represented through the Alumni Advisory Council which is comprised of a diverse group of representatives – alumni, students and faculty graduates – striving to promote the mission and purposes of the Association. Each member of the Council actively participates in the following categories:

Reunions/Programming/Social Activities  
Publications/Communications  
Awards/Recognition  
Membership Program  
Archives

# Clinical Simulation Institute (CSI)

The goals of the Clinical Simulation Institute are to:

Provide a student-centered learning environment.

Enhance and promote patient safety and quality health care by advocating use of simulation in clinical education of nursing students and health care professionals;

Enhance clinical competence of nursing students and health care professionals;

Assess and demonstrate competence of undergraduate and graduate nursing students and health care providers;

Maintain continuing competence of health care providers by using clinical simulation for continuing education;

Improve productivity and efficiency of nursing students and health care professionals in clinical settings;

Encourage research leading to improvement in clinical education of health care providers.

# Undergraduate Programs

## Bachelor of Science in Nursing (BSN) Accelerated Option

Goldfarb School of Nursing at Barnes-Jewish College GSON offers the Bachelor of Science in Nursing Accelerated Option, an entry-level nursing program for individuals who have a bachelor's degree or higher in a field other than nursing.

The Accelerated Option is a full-time, 12-month program comprised of 58 credit hours of nursing course work. Applicants must complete 27 credit hours of prerequisite course work at community colleges or other universities. GSON admits students for spring, summer, and fall terms. Due to the fast-paced nature of the program, students are strongly encouraged to not work while attending school. They must be available a minimum of 40-50 hours per week for course work and simulation labs during the day and for clinical experiences during days, evenings and/or weekends. Students complete their clinical experiences at Barnes-Jewish Hospital and St. Louis Children's Hospital, as well as at other BJC HealthCare Hospitals and St. Louis metropolitan area health care facilities. While every effort is made, students may not always get their first choice of clinical location. (Not sure if we should put this in there, but if I had a nickel for every time a student wanted to switch clinicals, I could retire!)

The Accelerated Option prepares students to provide direct care to patients and their families in a variety of health care settings, as well as to pursue higher degrees in nursing.

Eligible graduates will take the National Council Licensure Examination (NCLEX-RN). \*Passing the exam is required to become an entry-level registered nurse.

\*NOTE: Please note that program completion does not guarantee eligibility to take the NCLEX-RN. See the Missouri Practice Act for details. Section 335.066 of the Missouri Nurse Practice Act can be viewed online.

### Admission Requirements

Bachelor's degree in a field other than nursing

Minimum 3.2 cumulative undergraduate GPA

Minimum 3.0 cumulative GPA on Core prerequisites

Minimum of 27 credit hours in the following Core prerequisites (Note: Anatomy and Physiology I & II and

Microbiology must have been taken within the last five years. Core prerequisites may not have been taken more than twice within the last 5 years):

Anatomy & Physiology I with lab  
Anatomy & Physiology II with lab  
Microbiology with lab  
Nutrition  
Statistics  
General Psychology  
Human Growth & Development (across the lifespan)  
English Composition

An email with additional information regarding compliance requirements will be sent three months prior to start date.

**NOTE:** All course grades will be included in the cumulative GPA calculation. The Admissions Department may provide 10-year forgiveness for cumulative GPA calculation. The student must submit a petition for forgiveness of prior grades to the Admissions Department. This letter will be placed in the student's file. The GPA will then be appropriately calculated. However, if a student has not completed any coursework in the last 10 years, they will need to complete a minimum of 9 credit hours of prerequisite coursework at the appropriate GPA to meet program/option requirements.

**NOTE:** Students who have received 2 failing grades or have been academically dismissed from another accredited nursing program are not considered for admission to the Pre-licensure BSN options.

**NOTE:** GSON currently accepts applications on a rolling basis. Because of limited availability in classes, we recommend that applicants submit the application, official transcripts and all other documents at least 15-18 months prior to the beginning of the entry term. Applications will continue to be reviewed and students will be admitted and deposits accepted until classes are filled. Because of an increase in applications there will be wait lists for the Upper-Division and Accelerated BSN options. Applicants who are admitted may be placed on the wait list and may not receive a place in the desired start term's class.

### Admission Procedure

The following criteria are considered when reviewing all applications for admission:

1. A completed application for admission

2. Official transcripts. NOTE: All transcripts and documents in languages other than English must be certified and accompanied by a certified English translation. The original and notarized copy of the evaluation showing degree equivalency and/or subject breakdown must be submitted. Prior to enrollment official transcripts and education records documenting the date of completion/graduation are required. Please refer to the National Association of Credential Evaluation Services (NACES) for a list of credential agencies.
3. Regardless of U.S. residency, international applicants who received associate, undergraduate degrees or higher from colleges and universities in which English is not the primary language must take the Test of English as a Foreign Language (TOEFL) examination as an indicator of ability to read, write, and comprehend English. This requirement is waived for applicants who received degrees from colleges and universities in which the primary language is English.
4. Barnes-Jewish College recommends that students take the Internet-Based TOEFL (IBT). The score requirement for the IBT is 85, with minimum scores of 21 for reading and 23 for writing. The score requirement for the computer-based test is 240, with a minimum score of 4.5 on the Test of Written English. The score requirement for the paper-based test is 575. The Barnes-Jewish College TOEFL code is 6329.
5. A passing score on the Commission on Graduates of Foreign Nursing Schools (COGFNS) Examination for applicants from foreign nursing schools.
6. International applicants need to allow sufficient time for the application to be processed and reviewed by the admissions office and for financial documents to be received and reviewed by the student services office. An international student admission will not become official until both processes are completed.

All credentials received become the property of GSON. Providing incorrect information concerning previous enrollment at other colleges or universities will void admission to the College.

### Admission Entry Dates

Entry terms: Spring, Summer, Fall

All application material must be received to be considered for admission. **GSON communicates admission decisions by letter.**

### Sample Plan of Study

#### Term I

NURS 3140A	Pathophysiology	4
NURS 3170A	Nursing Pharmacology	4
NURS 3180A	Health Assessment for the Professional Nurse	3
NURS 4935A	Introduction to the Discipline of Nursing	8

#### Term II

NURS 3250A	Evidence-Based Prac & Research	3
NURS 4945A	Nursing Mgmt of Adult Health I	6
NURS 3360A	Nurs of Women&Childbrg Family	4
NURS 3350A	Psych-Mental Health Nursing	4
NURS 3370A	Gerontological Nursing	3

#### Term III

NURS 3270A	Leadership Role Development	3
NURS 4160A	Nursing of Children & Families	4
NURS 4260A	Population Health Nursing	4
NURS 4910A	Nursing Mgmt of Adult Health II Synthesis	8

**Practicum Contact Hours (simulation and/or acute care): 600**

**NOTE:** Courses and sequencing are subject to change

**Subtotal: 58**

### Time Limitation

The maximum amount of time allowed for completion of the bachelor's degree is four academic terms after the student first enrolls in the BSN Accelerated option at GSON.

For more information about the program, contact us at [gson-admissions@barnesjewishcollege.edu](mailto:gson-admissions@barnesjewishcollege.edu), or call 1-800-832-9009 or 314-454-7055, or visit us at [barnesjewishcollege.edu](http://barnesjewishcollege.edu).

Please send all application material to:

Admissions Department  
 Goldfarb School of Nursing at Barnes-Jewish College  
 MS: 90-36-697  
 4483 Duncan Avenue  
 St. Louis, MO 63110  
 Fax: (314) 362-9250

## Bachelor of Science in Nursing (BSN) Upper Division Option

Goldfarb School of Nursing at Barnes-Jewish College (GSON) offers the Bachelor of Science in Nursing Upper Division Option, an entry-level nursing program for individuals who have completed their first two years of college at another institution.

The Upper Division Option is a full-time, five-term program comprised of 66 credit hours of nursing course work. Applicants must have 54 credit hours of prerequisite course work at community colleges or other universities. (GSON) admits students for spring, summer, and fall terms. Classes are held during the full calendar year. Holding a job outside of school may be difficult. Students must be available a minimum of 30-40 hours per week for course work and simulation labs during the day or evenings and for clinical experiences during days, evenings and/or weekends. Students complete their clinical experiences at Barnes-Jewish Hospital, Missouri Baptist Hospital and St. Louis Children's Hospital, as well as at other BJC HealthCare Hospitals and St. Louis metropolitan area health care facilities. While every effort is made, students may not always get their first choice of clinical location. (Not sure if we should put this in there, but if I had a nickel for every time a student wanted to switch clinicals, I could retire!)

The Upper Division Option prepares students to provide direct care to patients and their families in a variety of health care settings, as well as to pursue higher degrees in nursing.

Eligible graduates will take the National Council Licensure

Examination (NCLEX-RN). \*Passing the exam is required to become an entry-level registered nurse.

\*NOTE: Please note that program completion does not guarantee eligibility to take the NCLEX-RN. See the Missouri Practice Act for details. Section 335.066 of the Missouri Nurse Practice Act can be viewed online.

### Admission Requirements

Minimum 3.0 cumulative undergraduate GPA

Minimum 3.0 cumulative GPA on Core Prerequisites

Minimum of 54 credit hours in the following prerequisites. (Note: Anatomy and Physiology I & II and Microbiology must have been taken within the last 5 years. Core prerequisites may not have been taken more than twice within the last five years.)

An email with additional information regarding compliance requirements will be sent three months prior to start date.

Anatomy & Physiology I with lab*	Ethics
Anatomy & Physiology II with lab*	College Algebra
Microbiology with lab*	Introduction to Sociology
General Psychology*	History or Political Science
Human Growth & Development (across the lifespan)*	Biology, Chemistry, Genetics or
Nutrition*	Physics
Statistics*	General Elective
English Composition I*	Humanities Elective
English Composition II	Social Science Elective

*\*Core prerequisites  
 Core prerequisite courses are required for applicants with a Bachelor's degree*

**NOTE:** All course grades will be included in the cumulative GPA calculation. The Admissions Department may provide 10-year forgiveness for cumulative GPA calculation. The student must submit a petition for forgiveness of prior grades to the Admissions Department. This letter will be placed in the student's file. The GPA

will then be appropriately calculated. However, if a student has not completed any coursework in the last 10 years, they will need to complete a minimum of 9 credit hours of prerequisite coursework at the appropriate GPA to meet program/option requirements.

**NOTE:** Students who have received 2 failing grades or have been academically dismissed from another accredited nursing program are not considered for admission to the Pre-licensure BSN options.

**NOTE:** GSON currently accepts applications on a rolling basis. Because of limited availability in classes, we recommend applicants submit the application, official transcripts and all other documents at least 15-18 months prior to the beginning of the entry term. Applications will continue to be reviewed and students will be admitted and deposits accepted until classes are filled. Because of an increase in applications there will be wait lists for the Upper-Division and Accelerated BSN options. Applicants who are admitted may be placed on the wait list and may not receive a place in the desired start term's class. Students designate desire to complete courses on the Duncan campus or at the West site located on the campus of Missouri Baptist Medical Center.

### Admission Procedure

The following criteria are considered when reviewing all applications for admission:

1. A completed application for admission
2. Official transcripts. NOTE: All transcripts and documents in languages other than English must be certified and accompanied by a certified English translation. The original and notarized copy of the evaluation showing degree equivalency and/or subject breakdown must be submitted. Prior to enrollment official transcripts and education records documenting the date of completion/graduation are required. Please refer to the National Association of Credential Evaluation Services (NACES) for a list of credential agencies.
3. Regardless of U.S. residency, international applicants who received associate, undergraduate degrees or higher from colleges and universities in which English is not the primary language must take the Test of English as a Foreign Language (TOEFL)

examination as an indicator of ability to read, write, and comprehend English. This requirement is waived for applicants who received degrees from colleges and universities in which the primary language is English.

4. Barnes-Jewish College recommends that students take the Internet-Based TOEFL (IBT). The score requirement for the IBT is 85, with minimum scores of 21 for reading and 23 for writing. The score requirement for the computer-based test is 240, with a minimum score of 4.5 on the Test of Written English. The score requirement for the paper-based test is 575. The Barnes-Jewish College TOEFL code is 6329.
5. A passing score on the Commission on Graduates of Foreign Nursing Schools (COGFNS) Examination for applicants from foreign nursing schools.
6. International applicants need to allow sufficient time for the application to be processed and reviewed by the admissions office and for financial documents to be received and reviewed by the student services office. An international student admission will not become official until both processes are completed.

All credentials received become the property of GSON. Providing incorrect information concerning previous enrollment at other colleges or universities will void admission to the College.

### Admission Entry Dates

Entry terms: Spring, Summer, Fall

All application material must be received to be considered for admission. **GSON communicates admission decisions by letter.**

### Sample Plan of Study

Term I		
NURS 3140U	Pathophysiology	4
NURS 3170U	Nursing Pharmacology	4
NURS 3180U	Health Assessment for the Professional Nurse	3
NURS	Foundations of Professional	3

3150U	Practice	
<b>Term II</b>		
NURS 3260U	Introduction to Adult Health	6
NURS 3250U	Evidence-Based Prac & Research	3
NURS 3370U	Gerontological Nursing	3
<b>Term III</b>		
NURS 3350U	Psych-Mental Health Nursing	4
NURS 3360U	Nurs of Women&Childbrg Family	4
NURS 4150U	Adult Health Nursing I	6
<b>Term IV</b>		
NURS 3270U	Leadership Role Development	3
NURS 4160U	Nursing of Children & Families	4
NURS 4250U	Adult Health Nursing II	6
<b>Term V</b>		
NURS 4260U	Population Health Nursing	5
NURS 4300U	Nursing Synthesis	5
NURS XXXX	Nursing Elective	3

**Practicum Contact Hours (simulation and/or acute care): 648**

**NOTE:** Courses and sequencing are subject to change

**Subtotal: 66**

### Time Limitation

The maximum amount of time allowed for completion of the bachelor's degree is seven academic terms after the student first enrolls in the BSN Upper Division option at GSON.

For more information about the program, contact us at [gson-admissions@barnesjewishcollege.edu](mailto:gson-admissions@barnesjewishcollege.edu), or call 1-800-832-9009 or 314-454-7055, or visit us at [barnesjewishcollege.edu](http://barnesjewishcollege.edu).

Please send all application material to:

Admissions Department  
Goldfarb School of Nursing at Barnes-Jewish College  
MS: 90-36-697  
4483 Duncan Avenue  
St. Louis, MO 63110

Fax: (314) 362-9250

## Bachelor of Science in Nursing (BSN) Weekend/Evening Option

Goldfarb School of Nursing at Barnes-Jewish College (GSON) offers the Bachelor of Science in Nursing Upper Division Option, in a Weekend/Evening schedule format.

For busy individuals who are wanting to achieve their BSN, Goldfarb School of Nursing at Barnes Jewish College offers the opportunity to advance your career with our Weekend and Evening Option (WEO). This WEO Upper Division option is an entry-level nursing program for individuals who have completed prerequisite requirements. Prospective students can apply for an early admissions decision with a minimum of 9 credit hours of college credit from an accredited institution of higher learning and a 3.0 cumulative gpa.

### PROGRAM HIGHLIGHTS

- Program length: 36 months (nine terms)
- Curriculum: 20 hours per week of classroom, simulation lab coursework and clinical experiences at top hospitals
- Term start: Summer and Fall

### WHAT MAKES US DIFFERENT

Our Weekend and Evening BSN Option has many benefits to students, but here are a few of them:

#### A Schedule That Works For You

WEO allows undergraduate transfer students to pursue a career in nursing with a schedule that works around their full time, busy lives. In just 9 terms, students can successfully complete a BSN program.

#### Convenient Campuses

We offer the Upper Division program at two locations: the Duncan Campus Site on the Washington University Medical Campus and the West Campus Site on the Missouri Baptist Medical Center.

#### Relevant, Rigorous Curriculum

Beyond technical skills, you'll have access to strong core nursing courses focused on adult care, childbearing, pediatrics, mental health and community patient populations.

#### Interdisciplinary Emphasis

We believe nursing education should be integrated alongside other disciplines to understand how they work

together as a team to deliver patient care. We emphasize interprofessional simulations across other disciplines. You'll have the chance to collaborate with your counterparts in medicine, physical therapy, pharmacy, social work and other related fields.

### World-Class Simulation Center

Beyond the classroom, we've made advanced simulation technology a fundamental part of the clinical learning experience. Our Clinical Simulation Institute combines sophisticated resources with a supportive environment that teaches patient care in a realistic setting. The skills labs and hypothetical scenarios are designed to prepare you for the real-world challenges you'll face in the field.

### Clinicals are Diverse and Convenient

Your clinical experience will give you an opportunity to explore a variety of health care settings and help you determine which is the right fit for your career after nursing school. Our rotations will expose you to real-world health care environments in diverse settings throughout the St. Louis City, St. Louis County and St. Charles County, from rural clinics to inner-city hospitals.

### Successful Program Outcomes

Goldfarb's 2018 average NCLEX Pass Rate is 93.15%, with BSN graduates passing on the first attempt.

The accredited Upper Division Option prepares students to provide direct care to patients and their families in a variety of health care settings, as well as to pursue higher degrees in nursing. Passing the National Council Licensure Exam (NCLEX®)\* exam is required to become an entry-level registered nurse. \*Please note that program completion does not guarantee eligibility to take the NCLEX-RN. See the Missouri Practice Act for details. Section 335.066 of the Missouri Nurse Practice Act can be viewed online.

Interested in learning more about our Weekend and Evening BSN Option program? Read about our admissions requirements.

### Admission Requirements

Minimum 3.0 cumulative undergraduate GPA

Minimum 3.0 cumulative GPA on Core Prerequisites

Minimum of 54 credit hours in the following prerequisites. (Note: Anatomy and Physiology I & II and Microbiology

must have been taken within the last 5 years. Core prerequisites may not have been taken more than twice within the last five years.)

Anatomy & Physiology I with lab*	Ethics
Anatomy & Physiology II with lab*	College Algebra
Microbiology with lab*	Introduction to Sociology
General Psychology*	History or Political Science
Human Growth & Development (across the lifespan)*	Biology, Chemistry, Genetics or Physics
Nutrition*	General Elective
Statistics*	Humanities Elective
English Composition I*	Social Science Elective
English Composition II	

**NOTE:** All course grades will be included in the cumulative GPA calculation. The Admissions Department may provide 10-year forgiveness for cumulative GPA calculation. The student must submit a petition for forgiveness of prior grades to the Admissions Department. This letter will be placed in the student's file. The GPA will then be appropriately calculated. However, if a student has not completed any coursework in the last 10 years, they will need to complete a minimum of 9 credit hours of prerequisite coursework at the appropriate GPA to meet program/option requirements.

**NOTE:** Students who have received 2 failing grades or have been academically dismissed from another accredited nursing program are not considered for admission to the Pre-licensure BSN options.

**NOTE:** GSON currently accepts applications on a rolling basis. Because of limited availability in classes, we recommend applicants submit the application, official transcripts and all other documents at least 15-18 months prior to the beginning of the entry term. Applications will continue to be reviewed and students will be admitted and deposits accepted until classes are filled. Because of an increase in applications there will be wait lists for the Upper-Division and Accelerated BSN options. Applicants who are admitted may be placed on the wait list and may

not receive a place in the desired start term’s class. Students designate desire to complete courses on the Duncan campus or at the West site located on the campus of Missouri Baptist Medical Center.

**Admission Procedure**

The following criteria are considered when reviewing all applications for admission:

1. A completed application for admission
  
2. Official transcripts. NOTE: All transcripts and documents in languages other than English must be certified and accompanied by a certified English translation. The original and notarized copy of the evaluation showing degree equivalency and/or subject breakdown must be submitted. Prior to enrollment official transcripts and education records documenting the date of completion/graduation are required. Please refer to the National Association of Credential Evaluation Services (NACES) for a list of credential agencies.
  
3. Regardless of U.S. residency, international applicants who received associate, undergraduate degrees or higher from colleges and universities in which English is not the primary language must take the Test of English as a Foreign Language (TOEFL) examination as an indicator of ability to read, write, and comprehend English. This requirement is waived for applicants who received degrees from colleges and universities in which the primary language is English.
  
4. Barnes-Jewish College recommends that students take the Internet-Based TOEFL (IBT). The score requirement for the IBT is 85, with minimum scores of 21 for reading and 23 for writing. The score requirement for the computer-based test is 240, with a minimum score of 4.5 on the Test of Written English. The score requirement for the paper-based test is 575. The Barnes-Jewish College TOEFL code is 6329.
  
5. A passing score on the Commission on Graduates of Foreign Nursing Schools (COGN) Examination for

applicants from foreign nursing schools.

6. International applicants need to allow sufficient time for the application to be processed and reviewed by the admissions office and for financial documents to be received and reviewed by the student services office. An international student admission will not become official until both processes are completed.

All credentials received become the property of GSON. Providing incorrect information concerning previous enrollment at other colleges or universities will void admission to the College.

**Sample Plan of Study**

Term I			
NURS	Pathophysiology		4
3140W			
NURS	Foundations of Professional Practice		3
3150W			
Term II			
NURS	Nursing Pharmacology		4
3170W			
NURS	Health Assessment for the Professional Nurse		3
3180W			
Term III			
NURS	Introduction to Adult Health		6
3260W			
NURS	Gerontological Nursing		3
3370W			
Term IV			
NURS 4150W	Adult Health Nursing I		6
Term V			
NURS 4250W	Adult Health Nursing II		6
Term VI			
NURS	Psych-Mental Health Nursing		4
3350W			
NURS	Nurs of Women&Childbrg		4

3360W	Family	
Term VII		
NURS 4160W	Nursing of Children & Families	4
NURS 3270W	Leadership Role Development	3
Term VIII		
NURS 4260W	Population Health Nursing	5
NURS 3250W	Evidence-Based Prac & Research	3
Term IX		
NURS 4300W	Nursing Synthesis	5
NURS XXXX	Nursing Elective	3

**Practicum Contact Hours (simulation and/or acute care): 648**

**NOTE:** Courses and sequencing are subject to change

**Subtotal: 66**

For more information about the program, contact us at [gson-admissions@barnesjewishcollege.edu](mailto:gson-admissions@barnesjewishcollege.edu), or call 1-800-832-9009 or 314-454-7055, or visit us at [barnesjewishcollege.edu](http://barnesjewishcollege.edu).

Please send all application material to:

Admissions Department  
 Goldfarb School of Nursing at Barnes-Jewish College  
 MS: 90-36-697  
 4483 Duncan Avenue  
 St. Louis, MO 63110  
 Fax: (314) 362-9250

# Graduate Programs

## Master of Science in Nursing

Adult-Gerontology Acute Care Nurse Practitioner  
Adult-Gerontology Primary Care Nurse Practitioner  
Nurse Educator

## Master of Science in Nursing (MSN) Adult-Gerontology Acute Care Nurse Practitioner Concentration

Goldfarb School of Nursing at Barnes-Jewish College offers the Master of Science in Nursing Adult-Gerontology Acute Care Nurse Practitioner Concentration for BSN-prepared registered nurses interested in pursuing advanced nursing roles focusing on caring for acute, critically ill and injured patients.

The Adult-Gerontology Acute Care Nurse Practitioner Concentration is affiliated with the Washington University School of Medicine Department of Anesthesiology. The program uniquely prepares students to assume the complex and evolving professional roles of independent practitioners in intensive care units and other acute care environments.

Our state-of-the-art Clinical Simulation Institute (CSI) provides the perfect environment for gaining hands on experience with procedures and skills commonly utilized in acute and critical care. High fidelity simulation complements the clinical experiences to provide additional exposure to those patient problems frequently seen in the acute care setting or those that may result in significant morbidity and mortality.

A post-master's certificate is available. An individualized curriculum plan will be developed based on a gap analysis of the applicant's prior course work.

Graduates of the Adult-Gerontology Acute Care Nurse Practitioner concentration will be prepared to take the American Nurses Credentialing Center (ANCC) and the American Association of Critical Care Nurses (AACN) certification exam to become certified in the field.

PROGRAM LENGTH:	Post-BSN (registered nurses): 27 months; Post-MSN (certificate program): 12 months
APPLICATION DEADLINE:	Jan 1
TERM START:	Post-BSN: Summer; Post-MSN: Fall

### Admission Requirements

Bachelor of Science in Nursing degree from a regionally-accredited institution of higher education

Minimum cumulative GPA of 3.0 on a 4.0 scale in all undergraduate course work

Active RN license in good standing

1-year recent experience as an RN in an ICU setting

Current Advanced Cardiac Life Support (ACLS) provider status

Satisfactory completion of an undergraduate or graduate statistics course: (3 hours each)

An email with additional information regarding compliance requirements will be sent three months prior to start date.

NOTE: All course grades will be included in the cumulative GPA calculation. The Admissions Department may provide 10 year forgiveness for cumulative GPA calculation. The student must submit a petition for forgiveness of prior grades to the Admissions Department. This letter will be placed in the student's file. The GPA will then be appropriately calculated.

### Sample Course Sequence

Summer, Term 1		
NURS 5228	Organizational and Systems Leadership	3
NURS 5223	Health Care Policy and Ethics	3
Fall, Term 2		
NURS 5215	Health Promotion in Individuals and Vulnerable Populations	3
NURS 5001	Graduate Physiology	4

Spring, Term 3		
NURS 5103	Advanced Pathophysiology	4
NURS 5109	Advanced Pharmacology	3
Summer, Term 4		
NURS 5121	Advanced Health Assessment	3
NURS 5240	Statistics and Epidemiology for Advanced Practice	3
Fall, Term 5		
NURS 5602	Acute Care I	3
NURS 5603	Acute Care I Clinical	3
NURS 5605	Invasive Procedures and Skills	2
Spring, Term 6		
NURS 5250	Evidence-Based Practice and Research	3
NURS 5612	Acute Care II	3
NURS 5613	Acute Care II Clinical	3
Summer, Term 7		
NURS 5910	Research and Theory Integration	3
NURS 5614	Acute Care III Clinical	5

\*Clinical Contact Hours: 56

\*\*Clinical Contact Hours: 168

\*\*\*Clinical Contact Hours: 280

Total Clinical Hours: 728

**Subtotal: 51**

### Time Limitation

The maximum amount of time allowed for completion of a master's degree is five calendar years after the student first enrolls in a graduate course at Barnes-Jewish College. Certificate program students must complete all course work within three years of enrollment.

### Steps for Applying for Admission

Apply online at [BarnesJewishCollege.edu/ApplyNow](http://BarnesJewishCollege.edu/ApplyNow)

#### After applying online, please submit the following to the Admissions Office:

Official transcripts from all institutions where credit was earned

Two letters of reference from individuals who can address the applicant's academic and clinical potential

Personal statement that addresses desired area of specialization, personal attributes that will contribute to

successful accomplishments of the program and career goals

Curriculum vitae (CV) or resume

Proof of active RN license in good standing

Proof of current Advanced Cardiac Life Support (ACLS) provider status

Barnes-Jewish College recommends that international applicants take the Internet-based TOEFL (IBT) or IELTS. The score requirement for the IBT is 85, with minimum scores of 21 for reading and 23 for writing. The score requirement for the computer-based test is 240, with a minimum score of 4.5 on the Test of Written English. The score requirement for the paper-based test is 575

Additional credentials may also be requested after an initial review of the applicant's file.

For more information about the program, contact us at [gson-admissions@barnesjewishcollege.edu](mailto:gson-admissions@barnesjewishcollege.edu), or call 1-800-832-9009 or 314-454-7055, or visit us at [barnesjewishcollege.edu](http://barnesjewishcollege.edu).

Please send all application material to:

Admissions Department  
Goldfarb School of Nursing at Barnes-Jewish College  
MS: 90-36-697  
4483 Duncan Avenue  
St. Louis, MO 63110  
Fax: (314) 362-9250

## Master of Science in Nursing (MSN) Adult-Gerontology Primary Care Nurse Practitioner Concentration

Goldfarb School of Nursing at Barnes-Jewish College offers the Master of Science in Nursing Adult-Gerontology Primary Care Nurse Practitioner concentration for BSN-prepared registered nurses interested in becoming an advanced practice nurse focusing on caring for adult patients.

The program builds upon a foundation in theory, research, ethics and health policy to advance students' understanding of clinical decision-making needed in advanced practice roles. Clinical experiences are conducted in clinics, physicians' offices and other primary care settings in the St. Louis area.

Through the program, students will be educationally and clinically prepared to provide care for well adults, as well

as diagnose, treat and manage adults with acute and chronic conditions.

A post-master’s certificate is available. An individualized curriculum plan will be developed based on a gap analysis of the applicant’s prior course work.

Graduates of the Adult-Gerontology Primary Care Nurse Practitioner Concentration will be prepared to take the American Nurses Credentialing Center (ANCC) and the American Association of Nurse Practitioners (AANP) certification exams to become certified in the field.

PROGRAM	Post-BSN (registered nurses)
LENGTH:	27 months
APPLICATION DEADLINE:	Rolling
TERM START:	Spring/Summer/Fall

**Admission Requirements**

Bachelor of Science in Nursing degree from a regionally accredited institution of higher education

Minimum cumulative GPA of 3.0 on a 4.0 scale in all undergraduate and graduate course work

Active RN license in good standing

One year of full-time equivalent RN experience in a hospital, out-patient clinic, or other approved health care setting

An email with additional information regarding compliance requirements will be sent three months prior to start date.

Satisfactory completion of an undergraduate or graduate statistics course

Two letters of reference

CV or resume

Personal statement

**NOTE:** All course grades will be included in the cumulative GPA calculation. The Admissions Department may provide 10-year forgiveness for cumulative GPA calculation. The student must submit a petition for forgiveness of prior grades to the Admissions Department. This letter will be placed in the student’s file. The GPA will then be appropriately calculated.

**Sample Course Sequence**

Summer, Term 1		
NURS 5228	Organizational and Systems Leadership	3
NURS 5223	Health Care Policy and Ethics	3
NURS 5215	Health Promotion in Individuals and Vulnerable Populations	3
Fall, Term 2		
NURS 5240	Statistics and Epidemiology for Advanced Practice	3
NURS 5101	Advanced Pathophysiology for Primary Care	3
Spring, Term 3		
NURS 5250	Evidence-Based Practice and Research	3
NURS 5110	Pharmacotherapeutics	3
Summer, Term 4		
NURS 5121	Advanced Health Assessment	3
NURS 5910	Research and Theory Integration	3
Fall, Term 5		
NURS 5805	Primary Care I	3
NURS 5808	Primary Care I Clinical	3
Spring, Term 6		
NURS 5965	Primary Care II	3
NURS 5968	Primary Care II Clinical	3
Summer, Term 7		
NURS 5970	Primary Care III Clinical	3
NURS 5890	Management of Advanced Nursing Practice	3

\*Clinical Contact Hours: 56

\*\*Clinical Contact Hours: 168

Total Clinical Hours: 560

**NOTE:** Courses and sequencing are subject to change

**Subtotal: 45**

**Time Limitation**

The maximum amount of time allowed for completion of a master's degree is five calendar years after the student first enrolls in a graduate course at Barnes-Jewish College. Certificate program students must complete all course work within three years of enrollment.

## Steps for Applying for Admission

Apply online at [BarnesJewishCollege.edu/ApplyNow](http://BarnesJewishCollege.edu/ApplyNow)

### After applying online, please submit the following to the Admissions Office:

Official transcripts from all institutions where credit was earned

Two letters of reference from individuals who can address the applicant's academic and clinical potential

Personal statement that addresses desired area(s) of specialization, personal attributes that will contribute to successful accomplishments of the program and career goals

Curriculum vitae (CV) or resume

Proof of active RN license in good standing

BLS certification

Barnes-Jewish College recommends that international applicants take the Internet-based TOEFL (IBT) or IELTS. The score requirement for the IBT is 85, with minimum scores of 21 for reading and 23 for writing. The score requirement for the computer-based test is 240, with a minimum score of 4.5 on the Test of Written English. The score requirement for the paper-based test is 575.

Additional credentials may also be requested after an initial review of the applicant's file.

For more information about the program, contact us at [gson-admissions@barnesjewishcollege.edu](mailto:gson-admissions@barnesjewishcollege.edu), or call 1-800-832-9009 or 314-454-7055, or visit us at [barnesjewishcollege.edu](http://barnesjewishcollege.edu).

Please send all application material to:

Admissions Department  
Goldfarb School of Nursing at Barnes-Jewish College  
MS: 90-36-697  
4483 Duncan Avenue  
St. Louis, MO 63110  
Fax: (314) 362-9250

## Master of Science in Nursing (MSN) Nurse Educator Concentration

Goldfarb School of Nursing at Barnes-Jewish College offers an all online Master of Science in Nursing Nurse Educator concentration for BSN-prepared registered nurses interested in becoming professional educators with

competencies in patient education, staff development, and academic education.

The Nurse Educator concentration prepares students to assume the complex professional educator role in a variety of settings by integrating prior learning with advanced discipline-specific course work and clinical experiences.

The Nurse Educator concentration emphasizes the role of nursing in higher education, including the importance of research, service and teaching in academic settings. Students learn the basis of curriculum design so they can build and refine curricula. They also learn to design a variety of clinical scenarios and apply them into a simulated learning environment. Students conduct their practicum experience by teaching during classes and clinicals under supervision of a faculty preceptor.

Graduates of the Nurse Educator Concentration will be prepared to teach students in an academic setting, as well as patients and practicing nurses in various settings, including hospitals and community health agencies. A post-master's certificate is available. An individualized curriculum plan will be developed based on a gap analysis of the applicant's prior course work.

Graduates will be prepared to take the National League for Nursing's (NLN) Certified Nurse Educator (CNE) exam upon completion of requisite experience.

**NOTE:** All course grades will be included in the cumulative GPA calculation. The Admissions Department may provide 10-year forgiveness for cumulative GPA calculation. The student must submit a petition for forgiveness of prior grades to the Admissions Department. This letter will be placed in the student's file. The GPA will then be appropriately calculated.

### Admission Requirements

Bachelor of Science in Nursing degree from an accredited institution of higher education

Minimum of 3.0 cumulative GPA on a 4.0 scale in all undergraduate course work

Satisfactory completions of an undergraduate or graduate statistics course

Current CV or resume

Current, unencumbered licensure as a registered nurse in the United States

An email with additional information regarding compliance requirements will be sent three months prior to

start date.

**Program Length:** Post-BSN (registered nurses) 12 months full-time  
Part-time option aligned with course availability

**Admission Deadline:** Rolling

**Term Start:** Spring/Summer/Fall

**Sample Course Sequence- Part-time Option**

Term 1		
NURS 5228	Organizational and Systems Leadership	3
NURS 5240	Statistics and Epidemiology for Advanced Practice	3
Term 2		
NURS 5250	Evidence-Based Practice and Research	3
NURS 5223	Health Care Policy and Ethics	3

**Sample Course Sequence – Full-Time Option**

Term 1		
NURS 5228	Organizational and Systems Leadership	3
NURS 5223	Health Care Policy and Ethics	3
NURS 5240	Statistics and Epidemiology for Advanced Practice	3

Term 2		
NURS 5215	Health Promotion in Individuals and Vulnerable Populations	3
NURS 5250	Evidence-Based Practice and Research	3
NURS 5501	Principles of Teaching and Learning	3

Term 3		
NURS 5910	Research and Theory Integration	3
NURS 5521	Roles and Issues in Education	3
NURS 5511	Curriculum Design, Development and Implementation, and Evaluation	3

Term 4		
NURS 5541	Advanced Pathophysiology, Health Assessment, and Pharmacy for Nurse Educators	5
NURS 5531	Seminar & Clinical in Teaching	4

*NURS 5541: Student may opt to take the face-to-face Advanced Pharmacology, Advanced Pathophysiology, and Advanced Health Assessment courses that will further prepare for a clinical practice role as an NP.*

*NURS 5531:- Practicum Hours: 112*

**Subtotal: 36**

Term 3		
NURS 5215	Health Promotion in Individuals and Vulnerable Populations	3

Term 4		
NURS 5501	Principles of Teaching and Learning	3
NURS 5511	Curriculum Design, Development and Implementation, and Evaluation	3

Term 5		
NURS 5910	Research and Theory Integration	3
NURS 5521	Roles and Issues in Education	3

Term 6		
NURS 5541	Advanced Pathophysiology, Health Assessment, and Pharmacy for Nurse Educators	5
NURS 5531	Seminar & Clinical in Teaching	4

*NURS 5541: Student may opt to take the face-to-face Advanced Pharmacology, Advanced Pathophysiology, and Advanced Health Assessment courses that will further prepare for a clinical practice role as an NP.*

*NURS 5531:- Practicum Hours: 112*

**Subtotal: 36**

**Health Systems and Population Health Leadership Concentration**

Goldfarb School of Nursing at Barnes-Jewish College offers the Master of Science in Health Systems and Population Health Leadership concentration for BSN-

prepared registered nurses interested in pursuing healthcare administrative leadership positions in a variety of health care settings.

The Health Systems and Population Health Leadership concentration prepares health system leaders with the capacity to synthesize business and economics, clinical practice model, population health, evidence-based decision science, and leadership abilities to assume roles in acute care, community and public health, ambulatory, and other continuum-spanning organizations. These positions may range from entry-level to high-level executive positions.

The Health Systems and Population Health Leadership concentration includes courses, seminars and practicum experiences that incorporate knowledge about the economy of health care, human resources, technology and innovation applications, and skills in collaboration, management and leadership in order to impact health care delivery.

Course work may be pursued on a part- or full-time basis; the majority of the curriculum will be conducted online. Graduates of the Health Systems and Population Health Leadership concentration may be involved in building teams, leading departments, and in developing and implementing clinical programs that improve patient care delivery.

A post-master’s certificate is available. An individualized curriculum plan will be developed based on a gap analysis of the applicant’s prior course work.

**NOTE:** All course grades will be included in the cumulative GPA calculation. The Admissions Department may provide 10-year forgiveness for cumulative GPA calculation. The student must submit a petition for forgiveness of prior grades to the Admissions Department. This letter will be placed in the student’s file. The GPA will then be appropriately calculated.

ADMISSIONS DEADLINE: Rolling  
 ENTRY TERMS: Spring/Summer/Fall

**Admission Requirements**

Bachelor of Science in Nursing degree from an accredited institution of higher education

Minimum 3.0 cumulative GPA in all undergraduate course work

Completion of an undergraduate or graduate statistics course

Completion of drug screening and criminal background check

CV or resume

Current, unencumbered licensure as a registered nurse in the United States

An email with additional information regarding compliance requirements will be sent three months prior to start date.

**Sample Courses**

<b>Term 1</b>		
NURS 5215	Health Promotion in Individuals and Vulnerable Populations	3
NURS 5228	Organizational and Systems Leadership	3
<b>Term 3</b>		
NURS 5250	Evidence-Based Practice and Research	3
NURS 5813	Human Resources, Quality, and Ethics	3
NURS 5815	Technology and Innovation Appl	3
<b>Term 2</b>		
NURS 5812	Designing Care Delivery Alternatives	3
NURS 5240	Statistics and Epidemiology for Advanced Practice	3
NURS 5223	Health Care Policy and Ethics	3
<b>Term 4</b>		
NURS 5814	Evidence-based decision making for Population Health	3
NURS 5811	Applied Economics and Finance	3
<b>Term 5</b>		
NURS 5820	Seminar and Clinical in Healthcare Management	3
NURS 5910	Research and Theory Integration	3

**\*Practicum Hours: 112**

**NOTE:** Courses and sequencing are subject to change

**Subtotal: 36**

### Time Limitation

The maximum amount of time allowed for completion of a master's degree is five calendar years after the student first enrolls in a graduate course at Barnes-Jewish College.

### Steps for Applying for Admissions

Apply online at [BarnesJewishCollege.edu/ApplyNow](http://BarnesJewishCollege.edu/ApplyNow)

### After applying online, please submit the following to the Admissions Office:

Official transcripts from all institutions where credit was earned (Please list ALL colleges on the online application.)

Two letters of reference from individuals who can address the applicant's academic potential

Curriculum vitae (CV) or resume

Current proof of active unencumbered RN licensure in the United States

Barnes-Jewish College recommends that international applicants take the Internet-based TOEFL (IBT) or IELTS. The score requirement for the IBT is 85, with minimum scores of 21 for reading and 23 for writing. The score requirement for the computer-based test is 240, with a minimum score of 4.5 on the Test of Written English. The score requirement for the paper-based test is 575.

Additional credentials may also be requested after an initial review of the applicant's file.

Please send application materials to:

Goldfarb School of Nursing at Barnes-Jewish College  
Attn: Admissions Office  
4483 Duncan Avenue  
MS: 90-36-697  
St. Louis, MO 63110

For more information about the program, contact us at [gson-admissions@barnesejewishcollege.edu](mailto:gson-admissions@barnesejewishcollege.edu), or call **1-800-832-9009** or **314-454-7057**, or visit us at [barnesejewishcollege.edu](http://barnesejewishcollege.edu).

### Post Graduate Programs

Post-Master's Adult-Gerontology Acute Care Nurse Practitioner Certificate  
Post-Master's Adult-Gerontology Primary Care Nurse Practitioner Certificate  
Post-Master's Nurse Educator Certificate  
Post-Master's Health Systems and Population Health

Leadership Certificate

### Post-Master's Nurse Educator Certificate Program

Goldfarb offers a post-master's certificate for Nurse Educator for masters- and doctoral-prepared nurses who want to improve their or for those who would like to begin their teaching careers. The Nurse Educator Program prepares students to expand upon roles in a variety of settings by integrating prior learning with advanced discipline-specific coursework and clinical experiences. Students become skilled educators with competencies in patient education, staff development and academic education.

Students who complete the certificate are eligible to sit for NLN Certified Nurse Educator (CNE) Examination. The Nurse Educator role is recognized by NLN as a specialty area of practice.

- Program Length: 12 months part-time
- Application Deadline: Rolling
- Term Start: Spring/Summer/Fall

### Sample Course Sequence

Term 1		
NURS 5501	Principles of Teaching and Learning	3
Term 2		
NURS 5521	Roles and Issues in Education	3
NURS 5511	Curriculum Design, Development and Implementation, and Evaluation	3
Term 3		
NURS 5541	Advanced Pathophysiology, Health Assessment, and Pharmacy for Nurse Educators	5
NURS 5531	Seminar & Clinical in Teaching	4

*NURS 5541: Student may offer for review and approval, previous taken Advanced Pharmacology, Advanced Pathophysiology, and Advanced Health Assessment courses as a substitution for NURS 5541 Advanced Pathophysiology, Health Assessment, Pharmacology for Nurse Educators*

*NURS 5531: Practicum Hours:- 112*

**NOTE:** Courses and sequencing are subject to change

**Subtotal: 18**

### Time Limitation

The maximum amount of time allowed for completion of a master's degree is five calendar years after the student first enrolls in a graduate course at Barnes-Jewish College. Certificate program students must complete all course work within three years of enrollment.

### Steps for Applying for Admissions

Apply online at [BarnesJewishCollege.edu/ApplyNow](http://BarnesJewishCollege.edu/ApplyNow)

### After applying online, please submit the following to the Admissions Office:

Official transcripts from all institutions where credit was earned (Please list ALL colleges on the online application.)

Current, unencumbered licensure as a registered nurse in the United States

Curriculum vitae (CV) or resume

Barnes-Jewish College recommends that international applicants take the Internet-based TOEFL (IBT) or IELTS. The score requirement for the IBT is 85, with minimum scores of 21 for reading and 23 for writing. The score requirement for the computer-based test is 240, with a minimum score of 4.5 on the Test of Written English. The score requirement for the paper-based test is 575.

Additional credentials may also be requested after an initial review of the applicant's file.

Please send application materials to:

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For more information about the program, contact us at [gson-admissions@barnesjewishcollege.edu](mailto:gson-admissions@barnesjewishcollege.edu), or call 1-800-832-9009 or 314-454-7057, or visit us at [barnesjewishcollege.edu](http://barnesjewishcollege.edu).

## Post-Master's Certificate Programs

### Overview

The Post-MSN certificate programs are offered to individuals holding Master of Science in Nursing degrees.

The Post MSN certificate program is built upon the knowledge, skills and competencies acquired in the master's program in nursing. Successful completion of the nurse practitioner option program qualifies the graduate to take the national certification examination for the Adult-Gerontology Primary Care Nurse Practitioner (AGPCNP), or Adult-Gerontology Acute Care Nurse Practitioner (AGACNP). The clinical component, designed to meet individual student needs, ranges from 568 to 736 contact hours for the NP options and approximately 112 contact hours for the Nurse Educator and Health Systems and Population Health Leadership concentration. Students enrolled in the Post-MSN certificate programs must meet with the Program Director to complete a gap analysis documentation form.

### Post-Master's Certificate Program Curriculum Overviews

#### Adult-Gerontology Primary Care Nurse Practitioner (AGPCNP)

NURS 5101	Advanced Pathophysiology for Primary Care	3
NURS 5110	Pharmacotherapeutics	3
NURS 5121	Advanced Health Assessment	3
NURS 5890	Management of Advanced Nursing Practice	3
NURS 5805	Primary Care I	3
NURS 5808	Primary Care I Clinical	3
NURS 5965	Primary Care II	3
NURS 5968	Primary Care II Clinical	3
NURS 5970	Primary Care III Clinical	3

#### Adult-Gerontology Acute Care Nurse Practitioner (AGACNP)

NURS 5103	Advanced Pathophysiology	4
NURS 5109	Advanced Pharmacology	3
NURS 5121	Advanced Health Assessment	3
NURS 5605	Invasive Procedures and Skills	2
NURS 5602	Acute Care I	3
NURS 5603	Acute Care I Clinical	3
NURS 5612	Acute Care II	3
NURS 5613	Acute Care II Clinical	3
NURS 5614	Acute Care III Clinical	5

#### Nurse Educator

NURS 5101	Advanced Pathophysiology for Primary Care	3
NURS 5110	Pharmacotherapeutics	3
NURS 5121	Advanced Health Assessment	3
NURS 5501	Principles of Teaching and Learning	3
NURS 5511	Curriculum Design,	3

	Development and Implementation, and Evaluation	
NURS 5521	Roles and Issues in Education	3
NURS 5531	Seminar & Clinical in Teaching	4
NURS 5540	Computer Technologies for Educators	3
NURS 5541	Advanced Pathophysiology, Health Assessment, and Pharmacy for Nurse Educators	5
NURS	Elective	3
<b>Health Systems and Population Health Leadership</b>		
NURS 5813	Human Resources, Quality, and Ethics	3
NURS 5811	Applied Economics and Finance	3
NURS 5814	Evidence-based decision making for Population Health	3
NURS 5812	Designing Care Delivery Alternatives	3
NURS 5815	Technology and Innovation Appl	3
NURS 5820	Seminar and Clinical in Healthcare Management	3

## DNP Program

Post-MSN  
Nurse Anesthesia  
Health Systems and Population Health Leadership

## Doctor of Nursing Practice (DNP)

Goldfarb School of Nursing at Barnes-Jewish College offers the Doctor of Nursing Practice degree for MSN-prepared registered nurses interested in pursuing advanced leadership roles in nursing practice. The goal of the Post-Master's DNP Program is to prepare graduates who provide quality healthcare to patients, families, and communities by assuming a leadership role in the healthcare system and are able to propose, implement, and evaluate evidence-based changes.

The program requires 30 credit hours of DNP coursework. All courses are offered online. Students are required to complete a minimum of 1,000 clinical contact hours. This may include clinical hours taken during the student's master's program not to exceed 500 hours. Clinical practice hours are individualized to assist the Post-Master's DNP student in meeting doctoral competencies. Hours may be completed at the student's place of employment as long

as the experiences differ from their work assignments and they do not receive any monetary compensation.

The planning, implementation, and evaluation components of evidence-based research in clinical practice are the scientific underpinnings of clinical scholarship. Clinical significance is as important in guiding practice as statistical significance is in evaluating research. The DNP project is designed as an evidenced-based experience and meets the criteria of the *AACN Essentials of Doctoral Education for Advanced Nursing Practice*.

### Admissions Requirements

MSN and APRN certification as either an NP, CNM, CNS or CRNA

Completion of a master's degree in nursing from a nationally accredited institution

One transcript from each post-secondary institution attended.

Minimum 3.0 on a 4.0 cumulative GPA for graduate work is required

An unencumbered Registered Nurse license

An APRN licensure in your home state, if required

APRN national board certification as a CNS, NP, CNM or CRNA in your area of specialty as appropriate. Applicants without national certification will be individually evaluated.

Strong professional references from two (2) persons who can address academic skills including oral and written communication or clinical competence

An essay, one to two pages, of an example of a frequent occurrence in clinical practice that the applicant would like to see improved.

Curriculum vitae or resume

**NOTE:** All course grades will be included in the cumulative GPA calculation. The Admissions Department may provide 10-year forgiveness for cumulative GPA calculation. The student must submit a petition for forgiveness of prior grades to the Admissions Department. This letter will be placed in the student's file. The GPA will then be appropriately calculated.

**Sample Course Sequence**

Term 1:		
NURS 6505	Biostatistics for Advanced Practice	3
NURS 6420	Promoting Health Equities and Population Health in Advanced Practice	3
NURS 6327	Nursing Influence in Shaping Health Policy	3
Term 2:		
NURS 6300	Epidemiology	3
NURS 6500	Leadership in Transforming Health Systems	3
Term 3:		
NURS 6325	Healthcare Informatics and Economics	3
NURS 6720	Promoting Evidence-based Practice I	3
Term 4:		
NURS 6730	Promoting Evidence-based Practice II	3
Term 5:		
NURS 6740	Promoting Evidence-based Practice III	3
Term 6:		
NURS 6800	DNP Project	3
		<b>Subtotal: 30</b>

**Steps to Applying for Admission**

Apply online at [BarnesJewishCollege.edu/ApplyNow](http://BarnesJewishCollege.edu/ApplyNow)

**After applying online, please submit the following to the Admissions Office:**

One transcript from each post-secondary institution attended

A copy of a current unencumbered Registered Nurse license

A copy of an APRN license if required in your home state

A copy of APRN national board certification as a CNS, NP, CNM or CRNA

Two references from persons who can address academic skills or clinical competence. Preferably one reference from a doctorally prepared nurse.

One two-page essay

Curriculum vitae or resume

**All required information must be received before an application file can be reviewed for admission.**

Please send all application materials to:

Goldfarb School of Nursing at Barnes-Jewish College  
 Attn: Admissions Office  
 4483 Duncan Avenue  
 Mailstop 90-36-697  
 St. Louis, MO 63110

For more information about the program, contact us at [gson-admissions@barnesjewishcollege.edu](mailto:gson-admissions@barnesjewishcollege.edu) or call 1-800-832-9009 or 314-454-7055, or visit us at [barnesjewishcollege.edu](http://barnesjewishcollege.edu).

**Doctor of Nursing Practice (DNP) Nurse Anesthesia Concentration**

Goldfarb School of Nursing at Barnes-Jewish College offers the Doctor of Nursing Practice Nurse Anesthesia Concentration for BSN or MSN prepared registered nurses interested in pursuing a career as a Certified Registered Nurse Anesthetist (CRNA).

The program, in affiliation with Washington University School of Medicine Department of Anesthesiology, is a full-time, 36-month course of study. The curriculum includes academic courses, that incorporate high-fidelity human simulation, and an anatomy course with a cadaver lab.

Students gain extensive clinical experience at Barnes-Jewish Hospital, and St. Louis Children’s Hospital, the adult and pediatric teaching hospitals for Washington University School of Medicine, along with clinical experience Shriners’ Hospital in St. Louis.

The high acuity and wide variety of patients seen at these institutions will provide students with clinical experiences unlike any other in the region.

Graduates of the Nurse Anesthesia program will be prepared to take the National Certification Examination given by the National Board on Certification and Recertification of Nurse Anesthetists (NBCRNA) to become certified in the field. They will also be prepared to work as an independent nurse anesthesia provider.

The Nurse Anesthesia Concentration at Goldfarb School of Nursing at Barnes-Jewish College is accredited by the

Council on Accreditation of Nurse Anesthesia Educational Programs. The Nurse Anesthesia Concentration was also awarded the status of IFNA Accreditation in October 2014, having completed all requirements of the Anesthesia Program Approval Process established by the International Federation of Nurse Anesthetists. The accreditation was renewed in May 2019 through May 2024. The program is also ranked number 18 in the country by *US News & World Report*.

PROGRAM LENGTH: 36 months, full-time

ADMISSION DEADLINE: March 1

TERM START: Spring

### Admission Requirements

Bachelor of Science in Nursing degree or a Master of Science in Nursing degree from a regionally accredited institution of higher education

Minimum cumulative 3.0 GPA on a 4.0 scale in all undergraduate and graduate course work

Active RN license in good standing

A minimum of one year of full-time critical care experience as an RN. Highest priority is given to applicants with the most recent experience in high acuity environments and a broad base of adult invasive hemodynamic monitoring and ventilator management.

CCRN certification (*not required but highly recommended*)

Two letters of reference

Personal statement

CV or resume

Successful completion of the following undergraduate course prerequisites (minimum of 3 credit hours each):

Physics, Algebra-based

Organic Chemistry or Biochemistry

Anatomy and Physiology\*\*

Health Assessment\*\*

Statistics

An email with additional information regarding compliance requirements will be sent three months prior to start date.

\*\*Often part of an undergraduate nursing curriculum.

**NOTE:** All course grades will be included in the cumulative GPA calculation. The Admissions Department may provide 10-year forgiveness for cumulative GPA calculation. The student must submit a petition for forgiveness of prior grades to the Admissions Department. This letter will be placed in the student's file. The GPA will then be appropriately calculated.

### Sample Course Sequence

#### Spring, Term 1

NURS 6505	Biostatistics for Advanced Practice	3
NURS 6420	Promoting Health Equities and Population Health in Advanced Practice	3
NURS 6327	Nursing Influence in Shaping Health Policy	3
NURS 5109	Advanced Pharmacology	3

#### Summer, Term 2

NURS 6300	Epidemiology	3
NURS 6500	Leadership in Transforming Health Systems	3
NURS 6325	Healthcare Informatics and Economics	3
NURS 6512	DNP Advanced Pharmacology and Anesthesia	3

#### Fall, Term 3

NURS 5010	Graduate Anatomy	5
NURS 5001	Graduate Physiology	4
NURS 6515	DNP Basic Principles of Anesthesia I	1
NURS 6511	DNP Advanced Health Assessment for Nurse Anesthesia	3

#### Spring, Term 4

NURS 5103	Advanced Pathophysiology	4
NURS 5710	Chemistry and Physics Applied to Anesthesia	3
NURS 6516	DNP Basic Principles of Anesthesia II	3
NURS 6720	Promoting Evidence-based Practice I	3

#### Summer, Term 5

NURS 6513	DNP Advanced Principles of Anesthesia I	3
NURS 6506	DNP Clinical Experience I	3

NURS 6730	Promoting Evidence-based Practice II	3
Fall, Term 6		
NURS 6514	DNP Advanced Principles of Anesthesia II	3
NURS 6507	DNP Clinical Experience II	3
NURS 6740	Promoting Evidence-based Practice III	3
<i>NURS 6740: Data collect/Project Implementation/Evaluation</i>		
Spring, Term 7		
NURS 6517	DNP Professional Aspects of Nurse Anesthesia	3
NURS 6508	DNP Clinical Experience III	4
NURS 6800	DNP Project	3
<i>NURS 6800: Translation/Knowledge Dissemination-DNP Paper, Poster, Presentation</i>		
Summer, Term 8		
NURS 5740	Clinical Correlation Conferences	1.5
NURS 6509	DNP Clinical Experience IV	5
Fall, Term 9 (6.5)		
NURS 5741	Clinical Correlation Conferences	1.5
NURS 6510	DNP Clinical Experience V	5

**Total minimum clinical hours: 2000**

*Note: Courses and sequencing are subject to change.*

**Subtotal: 91**

### Steps to Apply for Admission

Apply online at [BarnesJewishCollege.edu/ApplyNow](https://BarnesJewishCollege.edu/ApplyNow)

**After applying online, please submit the following to the Admissions Office:**

Official transcripts from all institutions where credit was earned

Two letters of reference from individuals who can address the applicant's academic and clinical potential

Personal statement on why he/she wants to become a CRNA

Curriculum vitae (CV) or resume

Proof of active RN license in good standing

BLS, ACLS, and PALS certifications (PALS certification

must be completed after enrolled by the end of the second term)

Additional credentials may also be requested after an initial review of the applicant's file.

International applicants should check with the Admissions Department for further instructions on admission requirements.

For more information about the program, contact us at [gson-admissions@barnesjewishcollege.edu](mailto:gson-admissions@barnesjewishcollege.edu), or call 1-800-832-9009 or 314-454-7055, or visit us at [barnesjewishcollege.edu](https://barnesjewishcollege.edu).

Please send all application material to:

Admissions Department  
Goldfarb School of Nursing at Barnes-Jewish College  
MS: 90-36-697  
4483 Duncan Avenue  
St. Louis, MO 63110  
Fax: (314) 362-9250

## Doctor of Nursing Practice (DNP) Health Systems and Population Health Leadership Concentration

### Health Systems and Population Health Leadership Concentration

Goldfarb School of Nursing at Barnes-Jewish College offers the BSN to DNP in Health Systems and Population Health Leadership concentration for BSN-prepared registered nurses interested in pursuing executive healthcare administrative leadership positions in health systems and population health settings. Within the curriculum, students acquire a certificate in operational excellence from McKelvey School of Engineering, Washington University.

The Health Systems and Population Health Leadership concentration prepares health system leaders with the capacity to synthesize business and economics, clinical practice model, population health, evidence-based decision science, and leadership abilities to assume roles in acute care, community and public health, ambulatory, and other continuum-spanning organizations. These positions can be management, executive or academic.

The Health Systems and Population Health Leadership concentration nursing leadership courses develop the student to acquire the skills to become a strategic leader. Through the operational excellence courses students will

learn how to design, lead, and manage continuous improvement initiatives that support efficiency, safety, quality, and patient experience in a rapidly changing healthcare environment.

Course work may be pursued on a part- or full-time basis; the majority of the curriculum will be conducted online. Graduates of the Health Systems and Population Health Leadership concentration will be ready to pursue positions in executive leadership in health systems and in community settings.

**Sample Course Sequence**

<b>Term 1</b>			
NURS 6523	Scholarly Writing & Professional Presentation Skills	3	
NURS 6505	Biostatistics for Advanced Practice	3	
WASHU T71-501	*Introductory Overview of Operational Excellence in Healthcare	3	
<b>Term 2</b>			
NURS 6420	Promoting Health Equities and Population Health in Advanced Practice	3	
NURS 6327	Nursing Influence in Shaping Health Policy	3	
WASHU T71-502	*Facilitation Skills/Change Management	3	
<b>Term 3</b>			
NURS 6300	Epidemiology	3	
NURS 6500	Leadership in Transforming Health Systems	3	
NURS 6325	Healthcare Informatics and Economics	3	
<b>Term 4</b>			
NURS 5811	Applied Economics and Finance	3	
WASHU T71-503	*Lean Healthcare Concepts, Tools and Lean Management System	3	
NURS 5812	Designing Care Delivery Alternatives	3	
<b>Term 5</b>			
WASHU T71-504	*Six Sigma Concepts and Tools	3	
NURS 5814	Evidence-based decision making for Population	3	

**Health**

<b>Term 6</b>			
NURS 6720	Promoting Evidence-based Practice I	3	
WASHU T54-523	*Project Planning Methodologies	3	
<b>Term 7</b>			
NURS 6730	Promoting Evidence-based Practice II	3	
NURS 6524	Executive Preceptorship	3	
<b>Term 8</b>			
NURS 6740	Promoting Evidence-based Practice III	3	
<b>Term 9</b>			
NURS 6800	DNP Project	3	

*\*Courses are a part of the graduate certificate from McKelvey School of Engineering from Washington University.*

**Note:** Courses and sequencing are subject to change.

**Subtotal: 60**

**Steps to Applying for Admission**

Apply online at [BarnesJewishCollege.edu/ApplyNow](http://BarnesJewishCollege.edu/ApplyNow)

**Admissions Requirements**

Students must meet admissions requirements of McKelvey School of Engineering at Washington University, as well as the requirements of Goldfarb DNP, including:

- Applicants must have completed a Bachelor of Science in Nursing from a nationally accredited institution.
- A minimum of a 3.0 on a scale of 4.0 cumulative GPA.
- A current unencumbered RN license in the U.S. or comparable license in the country where they are practicing or doing clinicals.
- Strong professional references from two (2) persons who can address academic skills including oral and written communication or clinical competence. Applicants are strongly encouraged to select a doctorally prepared nurse as one of the two references
- Submission of a one or two page essay of an example of a frequent occurrence in clinical practice that the

applicant would like to see improved

Barnes-Jewish College recommends that international applicants take the Internet based TOEFL (IBT) or IELTS. The score requirement for the IBT is 85, with minimum scores of 21 for reading and 23 for writing. The score requirement for the computer based test is 240, with a minimum score of 4.5 on the Test of Written English. The score requirement for the paper-based test is 575.

**All required information must be received before an application file can be reviewed for admission.**

Please send all application materials to:

Goldfarb School of Nursing at Barnes-Jewish College  
Attn: Admissions Office  
4483 Duncan Avenue  
Mailstop 90-36-697  
St. Louis, MO 63110

For more information about the program, contact us at [gson-admissions@barnesjewishcollege.edu](mailto:gson-admissions@barnesjewishcollege.edu) or call 1-800-832-9009 or 314-454-7055, or visit us at [barnesjewishcollege.edu](http://barnesjewishcollege.edu).

## PhD Program in Nursing Science

The PhD program in Nursing Science at Goldfarb School of Nursing at Barnes-Jewish College in collaboration with Washington University is designed to prepare intellectual nurse scientists with analytical and interdisciplinary skills who can make significant contributions to further expand the science of nursing. The goal of nursing science is the development of a body of knowledge that supports nursing practice and improves health outcomes. The PhD program focuses on symptom science and precision healthcare with the opportunity to develop knowledge and research skills in specialized areas, including genomics or informatics.

### PHD PROGRAM IN NURSING SCIENCE REQUIREMENTS

#### SELECTION OF CANDIDATES AND ADMISSION CRITERIA FOR PHD IN NURSING SCIENCE PROGRAM

The ideal students for this program will have excellent critical thinking, analytical, and writing skills. They will have experience in and a passion for nursing and for research with a career goal of becoming a nurse scientist. They will have a demonstrated ability to produce scholarly work at a level appropriate for their career or educational

stage prior to entering the program. Relevant work experiences accrued as a non-student especially in nursing are also greatly valued. The Admissions Committee evaluates a number of characteristics in order to assess a candidate's ability to benefit from and contribute to their selected program. These include academic ability, research experience, leadership, teamwork, communication skills and other personal qualities. We will strongly consider the match between a student's interests and the availability of a suitable group of faculty mentors to work with him or her.

To judge these traits, the following information and indicators in a student's application will be considered.

Baccalaureate degree in Nursing or Master's degree in Nursing from a program accredited by a nationally recognized accrediting body in the U.S.

Current and unencumbered license as a Registered Nurse in the U.S. or U.S. license eligible

Minimum cumulative GPA of 3.0 on a 4.0 scale in all undergraduate and graduate coursework

Satisfactory completion of an undergraduate or graduate statistics course.

\*Three-page essay clearly articulating your research interest identifying a particular nursing science problem, challenge or opportunity and how the research could enhance both nursing science and practice. Include your motivations for graduate study and a fundamental nursing question that most intrigues you, highlighting potential GSON or Washington University faculty mentors, if known. Drawing on your past and planned experiences, please conclude with a statement articulating why you will be an outstanding graduate student.

Three letters of recommendation completed by faculty and supervisors who can attest to your scholarly and research abilities or potential. It is important to choose those who know you well and can evaluate your current or prospective research, clinical and leadership abilities, critical thinking, and potential for successfully completing graduate school. Recommendations from friends, relatives or co-workers will not be accepted and will cause your application to be delayed or denied.

A CV (curriculum vitae) listing quality and relevance of scholarly activities with emphasis on specific skills and competencies related to interest in nursing science and/or research in nursing; educational, leadership and professional activities; and prior work experience.

Your research experiences should be included in the CV. Provide the mentor name, Institution, length of project, and the approximate hours per week of effort.

Proficiency in English is required of all applicants. Applicants whose native language is not English must demonstrate English proficiency and are required to provide an official score report from the Test of English as a Foreign Language (TOEFL) or the International English Language Testing System (IELTS). Only scores from tests taken within the last two years will be accepted. The TOEFL/IELTS requirement will be waived for applicants who completed a bachelor's or master's degree from a regionally accredited university located in the United States.

\*The essay portion of this application is an opportunity to help the Committee relate to the applicant's distinctive values, motivation, and perspectives, and obtain as much information as possible about their previous research experiences and goals.

#### APPLICATION PROCESS

Students will apply to the program using the Washington University online application and must meet admission requirements of the Washington University Graduate School as well as the requirements of the Goldfarb PhD program in Nursing. Application deadline will be January 10.

#### Review and Recommendation Process

A three-stage review process will be used to determine which students are recommended for interview and admission to the program.

Stage 1 – A PhD Program Admissions Advisory Committee (PhD-PAAC) composed of PhD-prepared faculty members in nursing, the program director and the President of the College will initially review all applications. Based on the criteria described above, applications will be classified into one of three broad categories: highly enthusiastic, enthusiastic or less enthusiastic. An initial priority ranking within the highly enthusiastic category will also be completed.

Stage 2 – A group of applicants from the highly enthusiastic category will be invited to come to the Goldfarb School of Nursing for a “finalist” interview

session. The number of finalists will be approximately twice the number of students expected to be admitted. Should a finalist decline the offer for a visit, the next highest-ranking applicant from the Stage 1 review will be invited. During these onsite interviews, 2-3 nursing PhD program faculty members plus 1-2 Washington University faculty members in the applicant's chosen specialty area will interview each applicant. This group of faculty will then score each applicant individually, then discuss the applicant as a group. They will then make a recommendation to the President of the College on whether the applicant should be offered a position.

Stage 3 – The President will then consider all information obtained from and about an applicant and establish a priority ranking of the finalists who participated in the site visit. Part of this ranking will identify any applicant who, based on the on-site interview, would not be acceptable or a good fit for the program. Starting with the highest ranked applicant and descending, offers of admission will be made to no more than 3 applicants. The final list of applicants to be offered a position will be sent to the Dean of the Graduate School at Washington University for approval. For those approved, Washington University will send offer letters to the applicants by March 15. Applicants will be given until April 15 to accept or decline the offer. If an applicant declines and there is another acceptable applicant on the priority list, he or she may be admitted.

## BSN - PhD in Nursing Science – Plan of Study

### 74 Credit Hours Minimum

#### Pre-Requisite Coursework (9 credits total)

NURS 6505	Biostatistics for Advanced Practice	3
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Plus choose 2 additional courses (6 credits) from the following course options:

NURS 6327	Nursing Influence in Shaping Health Policy	3
NURS 6420	Promoting Health Equities and Population Health in Advanced Practice	3
NURS 6300	Epidemiology	3
NURS 6500	Leadership in Transforming Health Systems	3
NURS 6325	Healthcare Informatics and Economics	3

Year 1 (30 credits)		WASHU L88- Mentored Research	1
		NrsSci 534 Experience V	
Fall Year 1 (10 credits)		<i>Qualifying Exam (Milestone)</i>	
WASHU L88- Research I	3		
NrsSci 520		Summer Year 2 (6 credits)	
WASHU L88- Mentored Research	1	WASHU L88- Dissertation	3
NrsSci 530 Experience I		NrsSci 550	
WASHU Biostatistics I Introduction	3	NrsSci xxx Optional	3
M17-CLNV to Statistics for Clinical		<i>Dissertation Proposal (milestone)</i>	
522 Research		<i>Admission to Candidacy (milestone)</i>	
WASHU Minor/Cognate I	3		
Spring Year 1 (10 credits)		Year 3 (9 credits)	
WASHU L88- Research II	3	Fall Year 3 (3 credits)	
NrsSci 521		WASHU L88- Dissertation	3
WASHU L88- Mentored Research	1	NrsSci 550	
NrsSci 531 Experience II		Spring Year 3 (3 credits)	
WASHU Biostatistics II Intermediate	3	WASHU L88- Dissertation	3
M17-CLNV Statistics for the Health		NrsSci 550	
524 Sciences		Summer Year 3 (3 credits)	
WASHU Minor/Cognate 2	3	WASHU L88- Dissertation	3
Summer Year 1 (10 credits)		NrsSci 550	
WASHU L88- Symptom Science and	3	<i>Defend Dissertation (milestone)</i>	
NrsSci 510 Precision Health Care		Year 4 (optional) (9 credits)	
WASHU L88- Philosophical and	3	Fall Year 4 (3 credits)	
NrsSci 511 Theoretical Underpinnings		WASHU L88- Dissertation	3
of Nursing		NrsSci 550	
WASHU L88- Research III Research	3	Spring Year 4 (3 credits)	
NrsSci 522 Designs and Measurement		WASHU L88- Dissertation	3
for Scientific Inquiry		NrsSci 550	
WASHU L88- Mentored Research	1	Summer Year 4 (3 credits)	
NrsSci 532 Experience III		WASHU L88- Dissertation	3
Year 2 (26 credits)		NrsSci 550	
Fall Year 2 (10 credits)		Summer Year 4 (3 credits)	
WASHU L88- Literature Critique and	3	WASHU L88- Dissertation	3
NrsSci 512 Synthesis		NrsSci 550	
WASHU L88- Mentored Research	1	*NOTE: Courses and sequencing are subject to change.	
NrsSci 533 Experience IV		<b>MSN- PhD in Nursing Science - Plan of</b>	
WASHU Advanced Biostatistics III:	3	<b>Study</b>	
M19-PHS 530 Multilevel Models in		<b>65 Credit Hours (minimum)</b>	
Quantitative Research		Year 1 (30 credits)	
WASHU Minor/Cognate 3	3	Fall Year 1 (10 credits)	
Spring Year 2 (10 credits)		WASHU L88- Research I	3
WASHU L88- Dissemination and	3	NrsSci 520	
NrsSci 513 Implementation Science		WASHU L88- Mentored Research	1
WASHU L88- Grant Writing and Scientific	3	NrsSci 530 Experience I	
NrsSci 514 Review			
WASHU L88- Interdisciplinary Science and	3		
NrsSci 515 The Innovative Nurse			
Scientist			

WASHU M17-CLNV 522	Biostatistics I Introduction to Statistics for Clinical Research	3	NrsSci xxx	Optional	3
WASHU	Minor/Cognate 3	3			
Spring Year 1 (10 credits)			Year 3 (9 credits)		
WASHU L88- NrsSci 521	Research II	3	Fall Year 3 (3 credits)		
WASHU L88- NrsSci 531	Mentored Research Experience II	1	WASHU L88- NrsSci 550	Dissertation	3
WASHU M17-CLNV 524	Biostatistics II Intermediate Statistics for the Health Sciences	3	Spring Year 3 (3 credits)		
WASHU	Minor/Cognate 2	3	WASHU L88- NrsSci 550	Dissertation	3
Summer Year 1 (10 credits)			Summer Year 3 (3 credits)		
WASHU L88- NrsSci 510	Symptom Science and Precision Health Care	3	WASHU L88- NrsSci 550	Dissertation	3
WASHU L88- NrsSci 511	Philosophical and Theoretical Underpinnings of Nursing	3	<i>Defend Dissertation (Milestone)</i>		
WASHU L88- NrsSci 522	Research III Research Designs and Measurement for Scientific Inquiry	3	Year 4 (optional) (9 credits)		
WASHU L88- NrsSci 532	Mentored Research Experience III	1	Fall Year 4 (3 credits)		
Year 2 (26 credits)			WASHU L88- NrsSci 550	Dissertation	3
Fall Year 2 (10 credits)			Spring Year 4 (3 credits)		
WASHU L88- NrsSci 512	Literature Critique and Synthesis	3	WASHU L88- NrsSci 550	Dissertation	3
WASHU L88- NrsSci 533	Mentored Research Experience IV	1	Summer Year 4 (3 credits)		
WASHU M19-PHS 530	Advanced Biostatistics III: Multilevel Models in Quantitative Research	3	WASHU L88- NrsSci 550	Dissertation	3
WASHU	Minor/Cognate 3	3	<b>Steps to Apply for Admission</b>		
Spring Year 2 (10 credits)			Apply online at <a href="https://www.applyweb.com/wustl/index.ftl">Graduateschoolwustl.edu/apply</a> . Before an application can be submitted, the applicant must sign up for an account with CollegeNET at <a href="https://www.applyweb.com/wustl/index.ftl">https://www.applyweb.com/wustl/index.ftl</a> . Once you have a CollegeNET account, you can begin filling out a school application. You can either complete the application and submit it in one sitting, or save your work and continue it at a later time.		
WASHU L88- NrsSci 513	Dissemination and Implementation Science	3	Application deadline is January 10.		
WASHU L88- NrsSci 514	Grant Writing and Scientific Review	3	<b>All required information must be received before an application file can be reviewed for admission.</b>		
WASHU L88- NrsSci 515	Interdisciplinary Science and The Innovative Nurse Scientist	3	For more information about the PhD program, contact 314-273-5449.		
WASHU L88- NrsSci 534	Mentored Research Experience V	1			
<b>Qualifying Exam (Milestone)</b>					
Summer Year 2 (6 credits)					
WASHU L88- NrsSci 550	Dissertation	3			



# Courses

## Under Grad

### **NURS 3140A - Pathophysiology**

Principles of alterations in structure and function of major organ systems. Emphasis on understanding how abnormal functions and process disrupt human cellular, tissue, organ and system processes.

### **NURS 3140U - Pathophysiology**

Principles of alterations in structure and function of major organ systems. Emphasis on understanding how abnormal functions and process disrupt human cellular, tissue, organ and system processes.

### **NURS 3140W - Pathophysiology**

Principles of alterations in structure and function of major organ systems. Emphasis on understanding how abnormal function and processes disrupt human cellular, tissue, organ, and system processes.

### **NURS 3150U - Foundations of Prof Practice**

Provides students with the basic understanding of the role of a professional nurse. Students will examine the discipline's foundational work, such as nursing theories, tenets of decision-making, and the values and standards of the nursing profession.

### **NURS 3170A - Nursing Pharmacology**

The relationship between general principles of pharmacology and safe, effective delivery of drug therapy are identified. The interdependent roles of drug therapy and patient-centered assessment, including pharmacogenetics, laboratory interpretations, and drug calculations will be addressed.

### **NURS 3170U - Nursing Pharmacology**

The relationship between general principles of pharmacology and safe, effective delivery of drug therapy are identified. The interdependent roles of drug therapy and patient-centered assessment, including pharmacogenetics, laboratory interpretations, and drug calculations will be addressed.

### **NURS 3180A - Health Assess for Prof Nurs**

Provides the knowledge and skills necessary to perform a holistic health assessment. Primary and secondary prevention as potential interventions are discussed in

relation to assessing health and providing health and providing health education.

### **NURS 3180U - Health Assess for Prof Nurs (3)**

Provides the knowledge and skills necessary to perform a holistic health assessment. Primary and secondary prevention as potential interventions are discussed in relation to assessing health and providing health and providing health education.

### **NURS 3180W - Health Assess for Prof Nurse (3)**

Provides the knowledge and skills necessary to perform holistic health assessment. Primary and secondary prevention as potential interventions are discussed in relation to assessing health and providing health education.

### **NURS 3250A - Evidence-Based Prac & Research**

Emphasis is placed on assisting students to become effective consumers of research in order to integrate evidence into practice. Use of theory as a guide for research and for improving the practice of professional nursing is highlighted. Ethical issues applicable to the use of human subjects in research are explored. The process of utilization of research in practice and the development of evidence-based nursing practice are addressed.

### **NURS 3250U - Evidence-Based Prac & Research**

Emphasis is placed on assisting students to become effective consumers of research in order to integrate evidence into practice. Use of theory as a guide for research and for improving the practice of professional nursing is highlighted. Ethical issues applicable to the use of human subjects in research are explored. The process of utilization of research in practice and the development of evidence-based nursing practice are addressed.

### **NURS 3260U - Introduction to Adult Health**

The health-illness continuum related to the care of adult clients is the focus of the course. The course introduces the student to essential skills needed for comprehensive care of adult clients in a variety of settings by integrating concepts from pathophysiology, health assessment, and pharmacology. The acquisition of nursing skills based on best practice and theory, the development of a therapeutic relationships, and the education of clients and families will be emphasized. The clinical practicum will focus on quality nursing care, safety, therapeutic communication, time management, and the application of skills in a client-centered manner.

**NURS 3270A - Leadership Role Development**

Introduces the student to the theoretical concepts necessary to transition to a leadership role in nursing. Delegation, decision-making, conflict resolution, and evaluation of care will be emphasized. The organization of health care delivery systems will be further discussed. Economic, legal, and ethical factors that influence health care delivery will be explored.

**NURS 3270U - Leadership Role Development**

Introduces the student to the theoretical concepts necessary to transition to a leadership role in nursing. Delegation, decision-making, conflict resolution, and evaluation of care will be emphasized. The organization of health care delivery systems will be further discussed. Economic, legal, and ethical factors that influence health care delivery will be explored.

**NURS 3350A - Psych-Mental Health Nursing**

Examines biopsychological approaches to the care of patients/families with mental illness and/or substance abuse disorders across the lifespan. Students will continue to expand upon basic therapeutic communication skills with patients. The use of the nursing process is emphasized to assist individuals to attain optimal levels of mental health. Clinical experience in a variety of health care settings focuses on the development and use of interpersonal skills. Research-based knowledge and applicable theoretical frameworks are used to integrate theory and clinical practice.

**NURS 3350U - Psych-Mental Health Nursing**

Examines biopsychological approaches to the care of patients/families with mental illness and/or substance abuse disorders across the lifespan. Students will continue to expand upon basic therapeutic communication skills with patients. The use of the nursing process is emphasized to assist individuals to attain optimal levels of mental health. Clinical experience in a variety of health care settings focuses on the development and use of interpersonal skills. Research-based knowledge and applicable theoretical frameworks are used to integrate theory and clinical practice.

**NURS 3360A - Nurs of Women&Childbrg Family**

Utilizes the theoretical frameworks and the nursing process to deliver evidence-based care to women and childbearing families from diverse populations. Practicum includes simulation, as well as the management of women and the childbearing family.

**NURS 3360U - Nurs of Women&Childbrg Family**

Utilizes the theoretical frameworks and the nursing process to deliver evidence-based care to women and childbearing families from diverse populations. Practicum includes simulation, as well as the management of women and the childbearing family.

**NURS 3370A - Gerontological Nursing**

Provides students with necessary competencies to care for the older adult, using the process of aging as a framework. Based upon the NLN Caring for Older Adult Vision and the ANA Gerontological Nursing Scope and Standards of Practice, students learn to address the unique physiological, social, psychological, developmental, economic, cultural, spiritual, and advocacy needs of older adults and their significant others. Strategies to prevent illness and injury, facilitate health promotion and healing, and alleviate suffering through diagnosis and management of chronic disease, end-of-life, and palliative care will be highlighted.

**NURS 3370U - Gerontological Nursing**

Provides students with necessary competencies to care for the older adult, using the process of aging as a framework. Based upon the NLN Caring for Older Adult Vision and the ANA Gerontological Nursing Scope and Standards of Practice, students learn to address the unique physiological, social, psychological, developmental, economic, cultural, spiritual, and advocacy needs of older adults and their significant others. Strategies to prevent illness and injury, facilitate health promotion and healing, and alleviate suffering through diagnosis and management of chronic disease, end-of-life, and palliative care will be highlighted.

**NURS 4150U - Adult Health Nursing I**

Adult health content and concepts are addressed in this course, which include oxygenation, cardiac output/tissue perfusion, mobility, digestion, elimination, and metabolism. Nursing interventions and education for patients and their families are based on current evidence. Practicum includes simulation as well as acute care of adults.

**NURS 4160A - Nursing of Children & Families**

Addresses the family in the context of care in pediatric nursing. Provides the foundation for providing nursing care of children that is developmentally supportive, family-centered, and culturally competent. Emphasizes the nursing role of advocate in the delivery of health care for children and families.

### **NURS 4160U - Nursing of Children & Families**

Addresses the family in the context of care in pediatric nursing. Provides the foundation for providing nursing care of children that is developmentally supportive, family-centered, and culturally competent. Emphasizes the nursing role of advocate in the delivery of health care for children and families.

### **NURS 4250U - Adult Health Nursing II**

Adult health content and concepts continue to be addressed in this course, including; protection, excretion, mobility, sensation, cognition, emergency nursing, and critical care concepts. Nursing interventions and education for patients and their families are based on current evidence. Practicum includes simulation as well as acute care of adults.

### **NURS 4260A - Population Health Nursing**

Introduces theories and concepts related to community population and public health. Emphasis is on the role and impact of the professional nurse in community and population health through the implementation of assessments, planning, interventions and evaluation strategies to facilitate health maintenance and promotion for culturally diverse populations. Students will also study the impacts of policy on community, public and population health through risk, asset, or gap assessment and protective factors that affect the health of vulnerable aggregates. Students will also integrate epidemiological and research concepts in developing a community based participatory research project.

### **NURS 4260U - Population Health Nursing**

Introduces theories and concepts related to community population and public health. Emphasis is on the role and impact of the professional nurse in community and population health through the implementation of assessments, planning, interventions and evaluation strategies to facilitate health maintenance and promotion for culturally diverse populations. Students will also study the impacts of policy on community, public and population health through risk, asset, or gap assessment and protective factors that affect the health of vulnerable aggregates. Students will also integrate epidemiological and research concepts in developing a community based participatory research project.

### **NURS 4300U - Nursing Synthesis**

Integrates all knowledge and skills from undergraduate education to deliver evidence-based quality nursing care. Clinical experience in a selected area provides an opportunity to participate in a mentored relationship with

an experienced preceptor in order to develop competence as a professional nurse. The student will have the opportunity to prepare for the professional nursing licensure.

### **NURS 4350U - Emer Inf Dis & Role of Nurs**

The course takes a systemic, global view of how human factors control the spread of epidemics. Using an epidemiologic and evolutionary biologic view, the student will study emerging infectious diseases and the care of populations before, during, and after epidemics. Students will examine how global climate change, changes in agriculture, food handling practices, water ecosystems, local antibiotic resistances, and healthcare procedures offer new opportunities for spread of pathogens. Topics include: epidemic surveillance, planning, preparation, infection control, infodemics, risk communication, epidemiologic transitions, virulence modification, and international goals for future emerging infectious diseases.

### **NURS 4800I - Perioperative Nursing**

This course is designed to provide an introduction to peri-operative nursing. Students will be introduced to the physical environment of the operating room, the roles and skills of the operating room nurse, and the nursing management of pre-, intra- and post-operative patients. Emphasis will be placed on patient assessment, teaching and safety.

### **NURS 4800U - Emergency Nursing**

Focuses on health restoration, health maintenance and health support of individuals with emergent conditions or trauma to major organ systems. Emphasis will focus on the study of the roles and responsibilities of emergency nurses, focused assessments, prioritization of nursing care and application of the nursing process in the care of critically ill clients.

### **NURS 4910A - Nurs Mgt Adult HC II Synthesis**

Adult health content and concepts continue to be addressed in protection, excretion, mobility, sensation, cognition, emergency nursing, and critical care concepts. Nursing interventions and education for patients and their families are based on current evidence. The student will synthesize the theoretical concepts necessary to assume a leadership role in nursing. Delegation, decision-making, conflict resolution and care will be critiqued. The organization of healthcare delivery will be critiqued including financial, legal and ethical factors that influence healthcare delivery. The preceptorship will include simulation as well as acute care patients.

**NURS 4935A - Fundamentals of Nursing**

Provides the foundation for nursing practice and an understanding of the role of the professional nurse. Nursing theories, professional values, core competencies, and knowledge of nursing practice will be explored. There will be an introduction to essential skills, safety, and the comprehensive and holistic care for patients. The development of therapeutic relationships and the education of patients and families will be discussed. Practicum includes simulation and clinical experience.

**NURS 4945A - Nursing Mgmt of Adult Health I**

Concepts and theoretical concepts of oxygenation, hemodynamic cardiac output/tissue perfusion, mobility, digestion, elimination, and metabolism are addressed in this course to provide a comprehensive, evidence based, and holistic care of the adult and the older adult. An emphasis is placed on the client as a member of a family unit living in diverse environments.

**NURS - Nursing****NURS 3140A - Pathophysiology (4)**

Principles of alterations in structure and function of major organ systems. Emphasis on understanding how abnormal functions and process disrupt human cellular, tissue, organ and system processes.

Prerequisite: Anatomy & Physiology I & II, Microbiology, or permission of instructor, Admission to the BSN program.

**NURS 3140U - Pathophysiology (4)**

Principles of alterations in structure and function of major organ systems. Emphasis on understanding how abnormal functions and process disrupt human cellular, tissue, organ and system processes.

Prerequisite: Anatomy & Physiology I & II, Microbiology, or permission of instructor, Admission to BSN program.

**NURS 3140W - Pathophysiology (4)**

Principles of alterations in structure and function of major organ systems. Emphasis on understanding how abnormal function and processes disrupt human cellular, tissue, organ, and system processes.

**NURS 3150U - Foundations of Professional Practice (3)**

Provides students with the basic understanding of the role of a professional nurse. Students will examine the discipline's foundational work, such as nursing theories, tenets of decision-making, and the values and standards of the nursing profession.

Prerequisite: Admission to the BSN Program.

**NURS 3150W - Foundations of Professional Practice (3)**

Provides students with the basic understanding of the role of a professional nurse. Students will examine the discipline's foundational work, such as nursing theories, tenets of decision-making, and the values and standards of the nursing profession.

Prerequisite: Admission to the BSN Program.

**NURS 3170A - Nursing Pharmacology (4)**

The relationship between general principles of pharmacology and safe, effective delivery of drug therapy are identified. The interdependent roles of drug therapy and patient-centered assessment, including pharmacogenetics, laboratory interpretations, and drug calculations will be addressed.

Prerequisite: Admission to the BSN Program.

**NURS 3170U - Nursing Pharmacology (4)**

The relationship between general principles of pharmacology and safe, effective delivery of drug therapy are identified. The interdependent roles of drug therapy and patient-centered assessment, including pharmacogenetics, laboratory interpretations, and drug calculations will be addressed.

Prerequisite: Admission to the BSN Program.

**NURS 3170W - Nursing Pharmacology (4)**

The relationship between general principles of pharmacology and safe, effective delivery of drug therapy are identified. The interdependent roles of drug therapy and patient-centered assessment, including pharmacogenetics, laboratory interpretations, and drug calculations will be addressed.

Prerequisite: Admission to the BSN Program.

**NURS 3180A - Health Assessment for the Professional Nurse (3)**

Provides the knowledge and skills necessary to perform a holistic health assessment. Primary and secondary prevention as potential interventions are discussed in relation to assessing health and providing health and providing health education.

Prerequisite: Admission to the BSN Program, All Compliance Documentation.

**NURS 3180U - Health Assessment for the Professional Nurse (3)**

Provides the knowledge and skills necessary to perform a holistic health assessment. Primary and secondary prevention as potential interventions are discussed in relation to assessing health and providing health and providing health education.

Prerequisite: Admission to the BSN Program, All Compliance Documentation.

**NURS 3180W - Health Assessment for the Professional Nurse (3)**

Provides the knowledge and skills necessary to perform a holistic health assessment. Primary and secondary prevention as potential interventions are discussed in relation to assessing health and providing health and providing health education.

Prerequisite: Admission to the BSN Program, All Compliance Documentation.

**NURS 3250A - Evidence-Based Prac & Research (3)**

Emphasis is placed on assisting students to become effective consumers of research in order to integrate evidence into practice. Use of theory as a guide for research and for improving the practice of professional nursing is highlighted. Ethical issues applicable to the use of human subjects in research are explored. The process of utilization of research in practice and the development of evidence-based nursing practice are addressed.

Prerequisite: Admission to BSN Program and

Undergraduate Statistics course.

**NURS 3250U - Evidence-Based Prac & Research (3)**

Emphasis is placed on assisting students to become effective consumers of research in order to integrate evidence into practice. Use of theory as a guide for research and for improving the practice of professional nursing is highlighted. Ethical issues applicable to the use of human subjects in research are explored. The process of utilization of research in practice and the development of evidence-based nursing practice are addressed.

Prerequisite: Admission to BSN Program and undergraduate statistics course.

**NURS 3250W - Evidence-Based Prac & Research (3)**

Emphasis is placed on assisting students to become effective consumers of research in order to integrate evidence into practice. Use of theory as a guide for research and for improving the practice of professional nursing is highlighted. Ethical issues applicable to the use of human subjects in research are explored. The process of utilization of research in practice and the development of evidence-based nursing practice are addressed.

Prerequisite: Admission to BSN Program and undergraduate statistics course.

**NURS 3260U - Introduction to Adult Health (6)**

The health-illness continuum related to the care of adult clients is the focus of the course. The course introduces the student to essential skills needed for comprehensive care of adult clients in a variety of settings by integrating concepts from pathophysiology, health assessment, and pharmacology. The acquisition of nursing skills based on best practice and theory, the development of a therapeutic relationships, and the education of clients and families will be emphasized. The clinical practicum will focus on quality nursing care, safety, therapeutic communication, time management, and the application of skills in a client-centered manner.

Prerequisite: NURS 3140U, 3150U, All Compliance Documentation.

**NURS 3260W - Introduction to Adult Health (6)**

The health-illness continuum related to the care of adult

clients is the focus of the course. The course introduces the student to essential skills needed for comprehensive care of adult clients in a variety of settings by integrating concepts from pathophysiology, health assessment, and pharmacology. The acquisition of nursing skills based on best practice and theory, the development of a therapeutic relationships, and the education of clients and families will be emphasized. The clinical practicum will focus on quality nursing care, safety, therapeutic communication, time management, and the application of skills in a client-centered manner.

Prerequisite: NURS 3140W, 3150W, All Compliance Documentation.

### **NURS 3270A - Leadership Role Development (3)**

Introduces the student to the theoretical concepts necessary to transition to a leadership role in nursing. Delegation, decision-making, conflict resolution, and evaluation of care will be emphasized. The organization of health care delivery systems will be further discussed. Economic, legal, and ethical factors that influence health care delivery will be explored.

Prerequisite: NURS 4945A, All Compliance Documentation.

### **NURS 3270U - Leadership Role Development (3)**

Introduces the student to the theoretical concepts necessary to transition to a leadership role in nursing. Delegation, decision-making, conflict resolution, and evaluation of care will be emphasized. The organization of health care delivery systems will be further discussed. Economic, legal, and ethical factors that influence health care delivery will be explored.

Prerequisite: NURS 3150U, 3260U, All Compliance Documentation .

### **NURS 3270W - Leadership Role Development (3)**

Introduces the student to the theoretical concepts necessary to transition to a leadership role in nursing. Delegation, decision-making, conflict resolution, and evaluation of care will be emphasized. The organization of health care delivery systems will be further discussed. Economic, legal, and ethical factors that influence health care delivery will be explored.

Prerequisite: NURS 3150W, 3260W, All Compliance Documentation .

### **NURS 3350A - Psych-Mental Health Nursing (4)**

Examines biopsychological approaches to the care of patients/families with mental illness and/or substance abuse disorders across the lifespan. Students will continue to expand upon basic therapeutic communication skills with patients. The use of the nursing process is emphasized to assist individuals to attain optimal levels of mental health. Clinical experience in a variety of health care settings focuses on the development and use of interpersonal skills. Research-based knowledge and applicable theoretical frameworks are used to integrate theory and clinical practice.

Prerequisite: NURS 3140A, 4935A, 3170A, All Compliance Documentation .

### **NURS 3350U - Psych-Mental Health Nursing (4)**

Examines biopsychological approaches to the care of patients/families with mental illness and/or substance abuse disorders across the lifespan. Students will continue to expand upon basic therapeutic communication skills with patients. The use of the nursing process is emphasized to assist individuals to attain optimal levels of mental health. Clinical experience in a variety of health care settings focuses on the development and use of interpersonal skills. Research-based knowledge and applicable theoretical frameworks are used to integrate theory and clinical practice.

Prerequisite: NURS 3150U, 3260U, 3170U, 3140U.

### **NURS 3350W - Psych-Mental Health Nursing (4)**

Examines biopsychological approaches to the care of patients/families with mental illness and/or substance abuse disorders across the lifespan. Students will continue to expand upon basic therapeutic communication skills with patients. The use of the nursing process is emphasized to assist individuals to attain optimal levels of mental health. Clinical experience in a variety of health care settings focuses on the development and use of interpersonal skills. Research-based knowledge and applicable theoretical frameworks are used to integrate theory and clinical practice.

Prerequisite: NURS 3150W, 3260W, 3170W, 3140W.

**NURS 3360A - Nurs of Women&Childbrg Family (4)**

Utilizes the theoretical frameworks and the nursing process to deliver evidence-based care to women and childbearing families from diverse populations. Practicum includes simulation, as well as the management of women and the childbearing family.

Prerequisite: NURS 3140A, 3170A, 3180A, 4935A, All Compliance Documentation .

**NURS 3370A - Gerontological Nursing (3)**

Provides students with necessary competencies to care for the older adult, using the process of aging as a framework. Based upon the NLN Caring for Older Adult Vision and the ANA Gerontological Nursing Scope and Standards of Practice, students learn to address the unique physiological, social, psychological, developmental, economic, cultural, spiritual, and advocacy needs of older adults and their significant others. Strategies to prevent illness and injury, facilitate health promotion and healing, and alleviate suffering through diagnosis and management of chronic disease, end-of-life, and palliative care will be highlighted.

Prerequisite: NURS 3140A, 3170A, 3180A, 4935A.

**NURS 3370U - Gerontological Nursing (3)**

Provides students with necessary competencies to care for the older adult, using the process of aging as a framework. Based upon the NLN Caring for Older Adult Vision and the ANA Gerontological Nursing Scope and Standards of Practice, students learn to address the unique physiological, social, psychological, developmental, economic, cultural, spiritual, and advocacy needs of older adults and their significant others. Strategies to prevent illness and injury, facilitate health promotion and healing, and alleviate suffering through diagnosis and management of chronic disease, end-of-life, and palliative care will be highlighted.

Prerequisite: NURS 3140U, 3170U, 3180U.

**NURS 3370W - Gerontological Nursing (3)**

Provides students with necessary competencies to care for the older adult, using the process of aging as a framework. Based upon the NLN Caring for Older Adult Vision and the ANA Gerontological Nursing Scope and Standards of

Practice, students learn to address the unique physiological, social, psychological, developmental, economic, cultural, spiritual, and advocacy needs of older adults and their significant others. Strategies to prevent illness and injury, facilitate health promotion and healing, and alleviate suffering through diagnosis and management of chronic disease, end-of-life, and palliative care will be highlighted.

Prerequisite: NURS 3140W, 3170W, 3180W.

**NURS 4150U - Adult Health Nursing I (6)**

Adult health content and concepts are addressed in this course, which include oxygenation, cardiac output/tissue perfusion, mobility, digestion, elimination, and metabolism. Nursing interventions and education for patients and their families are based on current evidence. Practicum includes simulation as well as acute care of adults.

Prerequisite: NURS 3140U, 3150U, 3170U, 3180U, 3260U, All Compliance Documentation .

**NURS 4150W - Adult Health Nursing I (6)**

Adult health content and concepts are addressed in this course, which include oxygenation, cardiac output/tissue perfusion, mobility, digestion, elimination, and metabolism. Nursing interventions and education for patients and their families are based on current evidence. Practicum includes simulation as well as acute care of adults.

Prerequisite: NURS 3140W, 3150W, 3170W, 3180W, 3260W, All Compliance Documentation .

**NURS 4160A - Nursing of Children & Families (4)**

Addresses the family in the context of care in pediatric nursing. Provides the foundation for providing nursing care of children that is developmentally supportive, family-centered, and culturally competent. Emphasizes the nursing role of advocate in the delivery of health care for children and families.

Prerequisite: NURS 3140 A, 3170 A, 3180 A, 4945A.

**NURS 4160U - Nursing of Children & Families (4)**

Addresses the family in the context of care in pediatric nursing. Provides the foundation for providing nursing care of children that is developmentally supportive, family-centered, and culturally competent. Emphasizes the nursing role of advocate in the delivery of health care for children and families.

Prerequisite: NURS 3140U, 3170U, 3180U, 4150U.

**NURS 4160W - Nursing of Children & Families (4)**

Addresses the family in the context of care in pediatric nursing. Provides the foundation for providing nursing care of children that is developmentally supportive, family-centered, and culturally competent. Emphasizes the nursing role of advocate in the delivery of health care for children and families.

Prerequisite: NURS 3140W, 3170W, 3180W, 4150W.

**NURS 4250U - Adult Health Nursing II (6)**

Adult health content and concepts continue to be addressed in this course, including; protection, excretion, mobility, sensation, cognition, emergency nursing, and critical care concepts. Nursing interventions and education for patients and their families are based on current evidence. Practicum includes simulation as well as acute care of adults.

Prerequisite: NURS 4150U, All Compliance Documentation .

**NURS 4250W - Adult Health Nursing II (6)**

Adult health content and concepts continue to be addressed in this course, including; protection, excretion, mobility, sensation, cognition, emergency nursing, and critical care concepts. Nursing interventions and education for patients and their families are based on current evidence. Practicum includes simulation as well as acute care of adults.

Prerequisite: NURS 4150W, All Compliance Documentation .

**NURS 4260A - Population Health Nursing (4)**

Introduces theories and concepts related to community population and public health. Emphasis is on the role and impact of the professional nurse in community and population health through the implementation of assessments, planning, interventions and evaluation

strategies to facilitate health maintenance and promotion for culturally diverse populations. Students will also study the impacts of policy on community, public and population health through risk, asset, or gap assessment and protective factors that affect the health of vulnerable aggregates. Students will also integrate epidemiological and research concepts in developing a community based participatory research project.

Prerequisite: NURS 3350A, 3360A, 4945A.

**NURS 4260U - Population Health Nursing (5)**

Introduces theories and concepts related to community population and public health. Emphasis is on the role and impact of the professional nurse in community and population health through the implementation of assessments, planning, interventions and evaluation strategies to facilitate health maintenance and promotion for culturally diverse populations. Students will also study the impacts of policy on community, public and population health through risk, asset, or gap assessment and protective factors that affect the health of vulnerable aggregates. Students will also integrate epidemiological and research concepts in developing a community based participatory research project.

Prerequisite: NURS 3350U, 3360U, 4250U.

**NURS 4260W - Population Health Nursing (5)**

Introduces theories and concepts related to community population and public health. Emphasis is on the role and impact of the professional nurse in community and population health through the implementation of assessments, planning, interventions and evaluation strategies to facilitate health maintenance and promotion for culturally diverse populations. Students will also study the impacts of policy on community, public and population health through risk, asset, or gap assessment and protective factors that affect the health of vulnerable aggregates. Students will also integrate epidemiological and research concepts in developing a community based participatory research project.

Prerequisite: NURS 3350W, 3360W, 4250W.

**NURS 4300U - Nursing Synthesis (5)**

Integrates all knowledge and skills from undergraduate education to deliver evidence-based quality nursing care. Clinical experience in a selected area provides an opportunity to participate in a mentored relationship with an experienced preceptor in order to develop competence as a professional nurse. The student will have the opportunity to prepare for the professional nursing

licensure.

Prerequisite: NURS 3180U, 3360U, 3270U, 4160U, 4250U.

### **NURS 4300W - Nursing Synthesis (5)**

Integrates all knowledge and skills from undergraduate education to deliver evidence-based quality nursing care. Clinical experience in a selected area provides an opportunity to participate in a mentored relationship with an experienced preceptor in order to develop competence as a professional nurse. The student will have the opportunity to prepare for the professional nursing licensure.

Prerequisite: NURS 3180W, 3360W, 3270W, 4160W, 4250W.

### **NURS 4350U - Emerging Infectious Disease (EID) & Role of Nurse (3)**

The course takes a systemic, global view of how human factors control the spread of epidemics. Using an epidemiologic and evolutionary biologic view, the student will study emerging infectious diseases and the care of populations before, during, and after epidemics. Students will examine how global climate change, changes in agriculture, food handling practices, water ecosystems, local antibiotic resistances, and healthcare procedures offer new opportunities for spread of pathogens. Topics include: epidemic surveillance, planning, preparation, infection control, infodemics, risk communication, epidemiologic transitions, virulence modification, and international goals for future emerging infectious diseases.

Prerequisite: NURS 3140U.

### **NURS 4800I - Perioperative Nursing (3)**

This course is designed to provide an introduction to perioperative nursing. Students will be introduced to the physical environment of the operating room, the roles and skills of the operating room nurse, and the nursing management of pre-, intra- and post-operative patients. Emphasis will be placed on patient assessment, teaching and safety.

Prerequisite: NURS 3180A, 4935A; NURS 3180U, 3260U

### **NURS 4800M - EKG Concepts and Beyond (3)**

Provides an in-depth focus on basic lead EKG interpretation, as well as general foundation for 12-lead EKG analysis. Specific concepts of EKG interpretation are integrated with basic anatomy and physiology of the

cardiac, pulmonary and vascular systems. Aspects of needed equipment and supplies used within EKG application/telemetry will be discussed. Evidence-based nursing interventions will be explored based on EKG interpretation.

Prerequisite: Completion of Term II (Accelerated Option); completion of Term III (Upper Division Option).

### **NURS 4800P - Concepts of Critical Care (3)**

Specific concepts and theories are integrated with knowledge and skills from liberal arts, support sciences, and discipline-specific courses to provide quality care to the critically ill patient. Selected topics key to critical care nursing will be presented. Students will use critical thinking skills to explore strategies for delivering optimum care to the critically ill patient. The integral relationship of health team members and the critically ill patient and family are examined.

Prerequisite: Completion of Term II (Accelerated) OR Completion of Term III (Upper Division). Corequisite: NURS 4910A, OR NURS 4250U.

### **NURS 4800U - Emergency Nursing (3)**

Focuses on health restoration, health maintenance and health support of individuals with emergent conditions or trauma to major organ systems. Emphasis will focus on the study of the roles and responsibilities of emergency nurses, focused assessments, prioritization of nursing care and application of the nursing process in the care of critically ill clients.

### **NURS 4810J - Advanced Concepts in the Nursing Care of Children and Families (3)**

Will build on the foundational theory of the nursing care of children and families provided in previous courses. Using a variety of teaching methodologies, the course will emphasize safety issues, with a strong emphasis on communication between nurses and caregivers as well as ethical issues confronting nurses, children and families who are experiencing acute, chronic, and terminal illnesses.

Prerequisite: Completion of Term II (Accelerated Option) and enrollment in NURS 4970; Completion of Term III (Upper Division Option) and enrollment in NURS 4160A/U.

### **NURS 4810K - Advanced Concepts: Perinatal Nursing (3)**

Explores the care of women and the childbearing family

before, during and after pregnancy with complications. The focus is on the health risks most likely to impact childbearing and various methods of responding to factors that may influence outcomes for mother and baby. An emphasis is placed on the role of the nurse in caring for women and their families' experiences pregnancy related complications.

Prerequisite: NURS 3360 or NURS 4955.

### **NURS 4910A - Nursing Mgmt of Adult Health II Synthesis (8)**

Adult health content and concepts continue to be addressed in protection, excretion, mobility, sensation, cognition, emergency nursing, and critical care concepts. Nursing interventions and education for patients and their families are based on current evidence. The student will synthesize the theoretical concepts necessary to assume a leadership role in nursing. Delegation, decision-making, conflict resolution and care will be critiqued. The organization of healthcare delivery will be critiqued including financial, legal and ethical factors that influence healthcare delivery. The preceptorship will include simulation as well as acute care patients.

Prerequisite: NURS 4945, All Compliance Documentation.

### **NURS 4935A - Introduction to the Discipline of Nursing (8)**

Provides the foundation for nursing practice and an understanding of the role of the professional nurse. Nursing theories, professional values, core competencies, and knowledge of nursing practice will be explored. There will be an introduction to essential skills, safety, and the comprehensive and holistic care for patients. The development of therapeutic relationships and the education of patients and families will be discussed. Practicum includes simulation and clinical experience.

Prerequisite: Admission To The Accelerated Program, All Compliance Documentation.

### **NURS 4945A - Nursing Mgmt of Adult Health I (6)**

Concepts and theoretical concepts of oxygenation, hemodynamic cardiac output/tissue perfusion, mobility, digestion, elimination, and metabolism are addressed in this course to provide a comprehensive, evidence based, and holistic care of the adult and the older adult. An emphasis is placed on the client as a member of a family

unit living in diverse environments.

Prerequisite: NURS 3140A, 3170A, 3180A, 4935A, All Compliance Documentation .

### **NURS 5001 - Graduate Physiology (4)**

Examines advanced principles and concepts relevant to the normal functions of the major human organ systems. These principles are analyzed at the cellular, organ and system levels.

Prerequisite: Undergraduate anatomy and physiology.

### **NURS 5010 - Graduate Anatomy (5)**

Provides the student with an in-depth understanding of the relationships between the structures and functions of the human body. In the laboratory setting, the student will perform and examine dissections on the cadaver to broaden knowledge about the human body.

### **NURS 5101 - Advanced Pathophysiology for Primary Care (3)**

Explores principles of alterations (pathophysiology) in structure and function of major organ systems in adult and geriatric patients. Emphasis focuses on 1) abnormal function and disruption of human cellular, tissue, organ, and system processes, 2) pathophysiological changes and how they translate to changes in diagnostic tests, and 3) strategies for effective management of underlying pathophysiological processes.

Prerequisite: Undergraduate Pathophysiology or graduate Physiology, All Compliance Documentation.

### **NURS 5103 - Advanced Pathophysiology (4)**

Structural, biochemical, and functional changes in cells, tissues, and organs that underlie disease in adult and geriatric patients are explored. Diseases are examined on a systems basis delving into etiology, pathogenesis, molecular and morphologic changes and clinical manifestations. This course provides a bridge between the basic sciences and clinical medicine by connecting disease symptomatology, diagnosis and treatment strategies.

Prerequisite: Admission to the Adult Gerontology Acute Care Nurse Practitioner Concentration or the Nurse Anesthesia Concentration.

**NURS 5109 - Advanced Pharmacology (3)**

Examines advanced pharmacologic principles and therapeutic classifications of medications commonly used and/or prescribed in the management of adult and geriatric patients in the acute care and perioperative settings.

Prerequisite: Admission to the MSN program.

**NURS 5110 - Pharmacotherapeutics (3)**

Examines pharmacologic principles, including pharmacokinetics, pharmacodynamics, and pharmacogenomics, of medications commonly prescribed in the primary care of adult and geriatric patients. Medication selection, monitoring, patient education, and legal principles are emphasized.

**NURS 5121 - Advanced Health Assessment (3)**

Provides the foundation for integrating health history, physical and psychological assessment, pathophysiological changes, and psychosocial variations into a comprehensive health assessment of the adult and geriatric patient. The assessment will be used to determine health and risk status, develop health promotion strategies, and establish priorities of care. Includes 56 clinical hours..

Prerequisite: Health Assessment, Pathophysiology or equivalents, All Compliance Documentation.

**NURS 5215 - Health Promotion in Individuals and Vulnerable Populations (3)**

Provides a theoretical foundation for health promotion, disease prevention, wellness and the identification of social and environmental factors that impact health. The focus of this course is on evidence-based health promotion interventions for maintaining a healthy lifestyle across the lifespan among diverse individuals, families, and populations. Additional attention will be given to vulnerable populations.

**NURS 5223 - Health Care Policy and Ethics (3)**

Examines health care policy issues, trends, and ethics in a dynamic health care environment. The focus of this course is on processes used in health care policy decision-making, including how policies are developed, analyzed, and

evaluated. An emphasis is placed on ethical principles and value-based frameworks used to guide development, implementation, and evaluation of health care policies.

**NURS 5228 - Organizational and Systems Leadership (3)**

Provides the scientific basis for examining concepts and theories of organizational, systems, and business leadership. The focus of this course is on development of skills essential for effective leadership across health care settings. Emphasis is on quality, safe, and cost-effective care through examination of health care policy, organization, finance, and responsible use of health care resources.

**NURS 5240 - Statistics and Epidemiology for Advanced Practice (3)**

Examines bio-statistical methods with an emphasis on interpretation. Parametric and nonparametric methods of data analysis are presented, together with statistical inference and regression modeling approaches. Fundamental principles and methods of epidemiology are integrated throughout the course content.

**NURS 5250 - Evidence-Based Practice and Research (3)**

Provides the scientific basis for analyzing and using research to optimize the effectiveness of evidence-based health care. The focus of this course is on the essentials of the research process and evidence-based practice, and exploring the relationships among theory, research, and practice.

Prerequisite: NURS 5240.

**NURS 5501 - Principles of Teaching and Learning (3)**

Key theories of human nature, culture, and society related to teaching and learning are explored. A foundation in theory and research to inform instructional planning in a variety of settings is developed. Methods and evidence-based practices used by educational practitioners are introduced, as well as educational techniques and methods used in group facilitation, classroom interaction, and patient and community education are explored. Application of theory to guide selection, utilization, and integration of technology in healthcare education is examined.

**NURS 5511 - Curriculum Design, Development and Implementation, and Evaluation (3)**

The history, purpose, function, and theoretical basis for curricula are examined. Instructional design issues and practices related to online and electronically mediated learning are explored. Assumptions, methods and resources in the design, implementation and evaluation of curricula in nursing and higher education are analyzed.

Prerequisite: Admission to MSN Nurse Educator Program, All Compliance Documentation.

**NURS 5521 - Roles and Issues in Education (3)**

Focuses on roles, trends and issues in education. Analysis of legal and ethical issues which impact on educational practices in various settings are emphasized, and leadership skills to influence and manage change are developed. A variety of educational roles are examined and discussed.

Prerequisite: Admission to MSN Nurse Educator Program, All Compliance Documentation.

**NURS 5531 - Seminar & Clinical in Teaching (4)**

Students are provided the opportunity to gain practical experiences and engage in interprofessional collaboration in diverse aspects of the nurse educator role. Skills in teaching and learning, including the development, implementation, and evaluation of educational programs, are refined in a variety of nurse educator settings.

Prerequisite: Admission to MSN Nurse Educator Program, All Compliance Documentation.

**NURS 5540 - Computer Technologies for Educators (3)**

Students gain experience with the skills necessary to use multimedia technology and informatics including simulation, in the teaching-learning process. Instructional design issues and practices related to online and electronically mediated learning are explored. Emphasis is placed on the application of theory to guide selection, utilization, and integration of technology in healthcare education.

Prerequisite: NURS 5501.

**NURS 5541 - Advanced Pathophysiology, Health Assessment, and Pharmacy for Nurse Educators (5)**

Builds upon undergraduate nursing education and practice experience to further develop nursing knowledge and skills related to pathophysiology, pharmacologic principles and health assessment across the lifespan. The focus is on the advancement of knowledge and integrated expertise needed for the nurse educator role.

Prerequisite: Health Assessment, Pathophysiology, Pharmacology, All Compliance Documentation .

**NURS 5602 - Acute Care I (3)**

Provides the essential foundation for the provision of care to adult and geriatric patients experiencing acute, critical, and complex chronic health conditions. Problem identification, differential diagnosis, and management of illnesses and diseases related to the neurologic, cardiovascular, and pulmonary systems, as well as infectious diseases, will be explored utilizing various educational technologies. The influence of genetics on disease processes will be explored.

Prerequisite: NURS 5121, 5240. Corequisite: NURS 5603, 5605.

**NURS 5603 - Acute Care I Clinical (3)**

Clinical practicum prepares the nurse practitioner student for the provision of evidence-based care for adult and geriatric patients experiencing acute, critical, and complex chronic health conditions in a variety of acute and critical care settings.

Prerequisite: NURS 5121, 5240, all compliance documentation. Corequisite: NURS 5602, 5605.

**NURS 5605 - Invasive Procedures and Skills (2)**

Designed for the student to acquire the skills necessary for invasive procedure implementation, including performance of select procedures utilizing various educational technologies, as well as instruction for non-invasive skills commonly integrated into the care of acute and critical care patients such as electrocardiogram and radiograph interpretation, hemodynamic monitoring, mechanical ventilation management, and critical care ultrasound. Includes 56 clinical hours.

Prerequisite: NURS 5121, 5240, all compliance documentation. Corequisite: NURS 5602, 5603.

### **NURS 5612 - Acute Care II (3)**

Provides the essential foundation for the provision of care to adult and geriatric patients experiencing acute, critical and complex chronic conditions and is designed to complement NURS 5602 - Acute Care I. Problem identification, differential diagnoses, and management of illnesses and diseases related to the endocrine, renal, gastrointestinal, and hematologic systems will be explored.

Prerequisite: NURS 5602, 5603, 5605. Corequisite: NURS 5613.

### **NURS 5613 - Acute Care II Clinical (3)**

Clinical practicum prepares the advanced nurse practitioner student for the provision of evidence-based care for adult and geriatric patients experiencing acute, critical and complex chronic practice nursing care to those adult patients with acute, critical and complex chronic health conditions in a variety of acute and critical care settings.

Prerequisite: NURS 5603, all compliance documentation. Corequisite: NURS 5612.

### **NURS 5614 - Acute Care III Clinical (5)**

Clinical practicum for the nurse practitioner student allows for the synthesis of advanced practice nursing care of adult and geriatric patients experiencing acute, critical, and complex chronic health conditions in a variety of acute and critical care settings.

Prerequisite: NURS 5613.

### **NURS 5700 - Basic Principles of Anesthesia w/Equipment and Technology #1 (1)**

Introduces the art and science of nurse anesthesia. Involves the discussion of basic anesthetic principles, including anesthetic equipment and technology. Designed to give the student information regarding the safe administration of anesthesia. Guides the student through the preoperative preparation of the patient along with perioperative and postoperative anesthetic care.

### **NURS 5701 - Basic Principles of Anesthesia #2 (3)**

Continues to develop the basic principles of anesthesia, including preoperative, perioperative, and postoperative principles of care for patients with various comorbidities; it introduces students to the clinical setting where basic principles are applied.

Prerequisite: NURS 5700: Basic Principles of Anesthesia #1, All Compliance Documentation.

### **NURS 5702 - Advanced Principles in Anesthesia #1 (3)**

Teaches advanced anesthetic principles and how to provide anesthetic care for the patient having surgical procedures related to specific organ systems.

Prerequisite: NURS 5700: Basic Principles of Anesthesia #1, NURS 5701: Basic Principles of Anesthesia #2.

### **NURS 5703 - Advanced Principles of Anesthesia #2 (3)**

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This course continues to develop advanced principles of anesthesia, and how to administer anesthesia to specific types of patients, including pediatric, obstetric, and cardiothoracic patients.

Prerequisite: Advanced Principles of Anesthesia #1.

### **NURS 5710 - Chemistry and Physics Applied to Anesthesia (3)**

This course is designed to integrate the principles of chemistry, biochemistry and physics into the practice of anesthesia.

Prerequisite: Admission to the Nurse Anesthesia Concentration, undergraduate Organic Chemistry or Biochemistry and Physics.

### **NURS 5711 - Pharmacology Related to Anesthesia (3)**

This course examines the pharmacological principles of medications and agents utilized during the administration of anesthesia, including those used for general, local, and regional anesthesia.

### **NURS 5715 - Advanced Health Assessment for Nurse Anesthesia (3)**

The purpose of this course is to develop advanced health and physical assessment skills, allowing for a thorough understanding of the client and determination of appropriate and effective care in the critical care

setting. Advanced assessment will include attention to physical, psychological, psychosocial and pathologic variations of the client, with integration of all findings into a comprehensive health assessment and plan of care using critical thinking and decision making skills.

Prerequisite: Undergraduate Health Assessment.  
Corequisite: NURS 5101 Advanced Pathophysiology, NURS 5110 Pharmacotherapeutics.

### **NURS 5720 - Professional Aspects of Nurse Anesthesia (3)**

This course is designed to explore the roles of the Advanced Practice Nurse Anesthetist. Issues surrounding education, research, policy, and practice are addressed.

Prerequisite: Admission to the Nurse Anesthesia Concentration.

### **NURS 5730 - Clinical Experience I (3)**

This course provides hands-on delivery of basic anesthesia care to surgical patients under the direct supervision of a Certified Registered Nurse Anesthetist and/or anesthesiologist.

Prerequisite: Admission to the Nurse Anesthesia Concentration, All Compliance Documentation

### **NURS 5731 - Clinical Experience II (3)**

Prerequisite: NURS 5730 Clinical Experience I, All Compliance Documentation.

### **NURS 5732 - Clinical Experience III (4)**

Prerequisite: NURS 5731 Clinical Experience I, All Compliance Documentation.

### **NURS 5733 - Clinical Experience IV (5)**

Prerequisite: NURS 5732 Clinical Experience I, All Compliance Documentation.

### **NURS 5734 - Clinical Experience V**

This course continues to provide hands-on delivery of basic and advanced anesthesia care to surgical patients under the direct supervision of a Certified Registered Nurse Anesthetist and/or anesthesiologist.

Prerequisite: NURS 5733 Clinical Experience I, All Compliance Documentation.

### **NURS 5740 - Clinical Correlation Conferences (1.5)**

This course examines a variety of anesthesia and perioperative-related topics with an emphasis on

certification examination review.

Prerequisite: Admission to the Nurse Anesthesia Concentration . Corequisite: NURS 5733.

### **NURS 5741 - Clinical Correlation Conferences (1.5)**

This course continues the examination of a variety of anesthesia and perioperative-related topics initiated in NURS 5740, with an emphasis on certification examination review.

Prerequisite: Admission to the Nurse Anesthesia Concentration . Corequisite: NURS 5734.

### **NURS 5805 - Primary Care I (3)**

Provides the essential foundation for the provision of primary health care to adult and adult geriatric clients. The course integrates health screening, health care maintenance, and health promotion as well as illness management within the primary care advanced practice nursing role. Critical thinking and differential diagnosis are emphasized. Focus is on the delivery of evidence-based care and the evaluation and management of integument, cardiovascular, pulmonary, diabetic, gynecologic, and neurologic disorders as well as a review of common aging syndromes.

Prerequisite: 3 of 4 MSN core courses: NURS 5101, 5110, 5121 . Corequisite: NURS 5808.

### **NURS 5808 - Primary Care I Clinical (3)**

The clinical prepares the nurse practitioner student to provide evidence-based primary health care in a variety of settings. Working in collaboration with nurse practitioner/MD preceptors, the NP student will integrate advanced health assessment skills and health promotion in managing common health programs. Includes 168 clinical hours.

Corequisite: NURS 5805, All Compliance Documentation.

### **NURS 5811 - Applied Economics and Finance (3)**

An economics lens will be used to study healthcare financing and trends in pay-for performance, penalties-for

variation, shared saving models. The cost of health care for managing at-risk populations, while achieving Quadruple Aim Mandates with an emphasis on staffing and clinical resource utilization will be used to discuss leadership and management functions.

**NURS 5812 - Designing Care Delivery Alternatives (3)**

The alignment between strategy, care delivery models and process development with a focus on clarity of job roles will be examined. Care delivery models will be developed and analyzed to determine appropriate use of health professionals within their full scope of practice. Population-based processes will be designed to optimize efficient and effective delivery models that meet Quadruple Aim mandates. Value-based delivery models will be explored and developed.

**NURS 5813 - Human Resources, Quality, and Ethics (3)**

Human resource management, quality and related workplace ethics will be discussed. The student will be exposed to the importance of human resource management inclusive of knowledge for application while collaborating with inter-professional colleagues in the healthcare industry will be discussed. Federal and state laws including regulations surrounding employment, and the provision of patient care will be evaluated. Quality improvement metrics, processes and standards will be analyzed.

**NURS 5814 - Evidence-based decision making for Population Health (3)**

Evidence-Based decision making from a population-based frame of reference will be emphasized. The data abstraction and utilization skills needed to compile and generate decision options will be introduced and applied to high risk population case studies. Data validity, reliability, and concepts of meta-analysis will be applied.

**NURS 5815 - Technology and Innovation Appl (3)**

The role of technology and information management in decision making and clinical applications will be analyzed. Comprehensive strategies in healthcare system design are offered to advance innovative thinking, which draw from other industry and business applications. An emphasis on entrepreneurial approaches is included for discussion.

**NURS 5820 - Seminar and Clinical in Healthcare Management (3)**

This clinical synthesis experience is designed to model leadership, process design, and policy application for a defined population in two or more settings across the healthcare continuum. Supervised and self-directed application hours will demonstrate the ability to make, defend, and implement population-based decisions using financial and clinical analytic skills.

**NURS 5890 - Management of Advanced Nursing Practice (3)**

Explores essential information related to establishing and maintaining an independent APN practice. Topics are included that are relevant across the APN practice settings including credentialing, continuing education, negotiation, crisis management, leadership, information management, quality improvement processes, teamwork, and ethical issues. Using a business model, concepts essential for starting an APN business include financing, reimbursement, risk reduction, legal issues and advanced professional practice are presented.

Prerequisite: NURS 5805, 5808. Corequisite: NURS 5968.

**NURS 5910 - Research and Theory Integration (3)**

The focus of this course is theory integration, evidenced-based research, and dissemination with the goal of addressing health care problems. Students will use scholarly literature to identify best practice and design an evidence-based project, or students may identify gaps in the current literature and design a research proposal. The goal is to identify ways to improve practice and associated health outcomes for patient aggregates.

Prerequisite: NURS 5215, 5240, 5250.

**NURS 5965 - Primary Care II (3)**

Content emphasizes the analysis of complex health problems commonly seen in primary health care. Issues related to collaborative practice and advance practice nurse licensure will be examined. Current CPR certification required.

Prerequisite: NURS 5805, 5808, All Compliance Documentation. Corequisite: NURS 5968 .

### **NURS 5968 - Primary Care II Clinical (3)**

Clinical for the advanced nurse practitioner student involves the integration of advanced analysis of a client's health status utilizing evidence-based standards in assessment, diagnostic, treatment, and evaluation skills. Client teaching, referrals, and follow-up will be provided in a variety of primary health care settings. Includes 168 clinical hours.

Prerequisite: NURS 5805, 5808, All Compliance Documentation. Corequisite: NURS 5965.

### **NURS 5970 - Primary Care III Clinical (3)**

Additional clinical experience for the advanced practice nurse includes the integration of advanced analysis of health status utilizing evidence-based standards in assessment, diagnosis, treatment and evaluation. Teaching, referrals, and follow-up will be provided in a variety of primary health care settings. Includes 168 clinical hours.

Prerequisite: NURS 5968.

### **NURS 5999 - Independent Study**

Self-directed learning in a topical area not offered during the enrollment period or to augment prior learning. Requires a plan of study which includes: development of a course description, objectives, learning activities and framework for meeting course objectives. Plan of study must be approved by both the Associate Dean and supervising faculty member.

### **NURS 6300 - Epidemiology (3)**

This course introduces the fundamental principles and methods of epidemiology. Topics to be covered include the historical perspective of epidemiology, measures of disease occurrence, disease screening, causal inference, and analytic study design. Students explore population statistics and the influence on nursing outcomes. Such designs as case control, cohort, and infectious disease methods will be explored.

Prerequisite: NURS 6505.

### **NURS 6325 - Healthcare Informatics and Economics (3)**

Principles of healthcare economics and informatics,

including conceptual and practical understanding in the allocation and management of resources are explored. The student applies knowledge using individual and aggregate level information to examine the relationship of the economic environment, healthcare costs, patient safety, and quality health outcomes.

### **NURS 6327 - Nursing Influence in Shaping Health Policy (3)**

The role of the advanced practice nurse in designing, influencing and implementing policies in the current healthcare system is explored. Processes which impact policy are addressed. Strategies for implementation of systems, community and societal level change are utilized.

### **NURS 6420 - Promoting Health Equities and Population Health in Advanced Practice (3)**

this course assists students to develop a critical understanding of the current and evolving states of healthcare at local, national, and international levels. Determination of who comprises vulnerable populations is addressed. Causes of inequities in healthcare are examined within sociopolitical, economic, environmental, and cultural contexts.

### **NURS 6500 - Leadership in Transforming Health Systems (3)**

Explore, analyze, and evaluate organizational and transformational leadership theories and their relationship to healthcare systems. Advanced nursing practice leadership skills and knowledge to effectively lead and manage change in a dynamic healthcare environment are explored. The focus is on transforming health systems and organizations to deliver high-quality, cost-effective care in an interdisciplinary environment.

Prerequisite: Admission to the DNP Program.

### **NURS 6505 - Biostatistics for Advanced Practice (3)**

Descriptive, associational, and inferential statistics required for nursing and healthcare research are explored. Techniques such as measures of central tendency and variability, bivariate, and multivariate measures of association, t-tests, and linear regression are examined.

Prerequisite: Admission to the DNP Program.

### **NURS 6506 - DNP Clinical Experience I (3)**

Provides hands-on delivery of basic anesthesia care to surgical patients under the direct supervision of a Certified Registered Nurse Anesthetist and/or anesthesiologist.

Prerequisite: Admission to the Nurse Anesthesia Concentration.

**NURS 6507 - DNP Clinical Experience II (3)**

Continues with hands-on delivery of anesthesia care to the surgical patient under the direct supervision of a Certified Registered Nurse Anesthetist and/or anesthesiologist.

Prerequisite: NURS 6506.

**NURS 6508 - DNP Clinical Experience III (4)**

Continues to provide hands-on delivery of basic and advanced anesthesia care to surgical patients under the direct supervision of a Certified Registered Nurse Anesthetist and/or anesthesiologist.

Prerequisite: NURS 6507.

**NURS 6509 - DNP Clinical Experience IV (5)**

Continues to provide hands-on delivery of basic and advanced anesthesia care to surgical patients under the direct supervision of a Certified Registered Nurse Anesthetist and/or anesthesiologist.

Prerequisite: NURS 6508.

**NURS 6510 - DNP Clinical Experience V (5)**

Continues to provide hands-on delivery of advanced anesthesia care to surgical patients under the direct supervision of a Certified Registered Nurse Anesthetist and/or anesthesiologist.

Prerequisite: NURS 6509.

**NURS 6511 - DNP Advanced Health Assessment for Nurse Anesthesia (3)**

The purpose is to develop comprehensive history, physical, psychosocial and psychological assessment skills of individuals and various patient populations, including pathological variations. Advanced health assessment skills will be presented in the context of cultural, developmental and genetic variation and with consideration of the individual, family and community. Focused applications of advanced health assessment will be applied to the patient

presenting for anesthesia services.

Prerequisite: Undergraduate Health Assessment.

**NURS 6512 - DNP Advanced Pharmacology and Anesthesia (3)**

Examines the pharmacological principles of medications and agents utilized during the administration of anesthesia, including those used for general, local, and regional anesthesia. The content integrates pharmacotherapeutics and pharmacokinetics of both broad pharmacologic categories and anesthesia specific pharmacologic agents.

Prerequisite: Admission to the Nurse Anesthesia Concentration.

**NURS 6513 - DNP Advanced Principles of Anesthesia I (3)**

Utilizes the synthesis of advanced principles of anesthesia to enhance clinical judgement and implementation of nurse anesthesia practice. Students analyze anesthesia principles for a variety of surgical procedures.

Prerequisite: NURS 6516.

**NURS 6514 - DNP Advanced Principles of Anesthesia II (3)**

Continues to utilize the synthesis of advanced principles of anesthesia to enhance clinical judgement and implementation of nurse anesthesia practice. Students analyze anesthesia principles for a variety of surgical procedures across the life span.

Prerequisite: NURS 6513.

**NURS 6515 - DNP Basic Principles of Anesthesia I (1)**

Introduces the art and science of nurse anesthesia and involves the discussion of basic anesthetic principles. This course is designed to provide students with basic information on the different types of anesthesia and introductory information related to patients receiving anesthesia, including the preoperative assessment, non-invasive monitoring, fluid therapy, positioning and anesthetic awareness.

Prerequisite: Admission to the Nurse Anesthesia Concentration.

**NURS 6516 - DNP Basic Principles of Anesthesia II (3)**

Continues to utilize the synthesis of basic principles of anesthesia to enhance clinical judgement and implementation of nurse anesthesia practice. Students analyze anesthesia principles for a variety of surgical procedures across the life span.

Prerequisite: NURS 6515.

**NURS 6517 - DNP Professional Aspects of Nurse Anesthesia (3)**

Designed to summarize the professional role of the Advanced Practice Nurse, specifically the Certified Registered Nurse Anesthetist. Education, professional ethics, policy, legislative aspects and scope and standards of practice are evaluated

**NURS 6523 - Scholarly Writing & Professional Presentation Skills (3)**

Focuses on developing skills for a scholarly voice and graduate level writing. Strategies for articulating ideas, concepts, and evidence-based findings in a logical, scholarly manner will be examined and applied. Key principles such as planning, designing, and executing effective presentations in a variety of professional settings will be explored.

**NURS 6524 - Executive Preceptorship (3)**

This clinical preceptorship focuses on organizational and systems leadership. The clinical experience is designed to model leadership, process design, and policy application at the executive level within a health system. Upon completion of the preceptorship, students will demonstrate the ability to employ principles of business, finance, economics, strategic planning, and health policy to develop and implement effective plans for practice and systems-level initiatives that will improve the quality of care delivery.

**NURS 6720 - Promoting Evidence-based Practice I (3)**

This practicum provides the foundation necessary to develop a comprehensive evidence-based project. Students will review processes for identifying current best evidence, including formulation of a clinical question using Population/Patient Problem, Intervention, Comparison, Outcome, Time (PICOT) taxonomy, systematic review of literature, meta-analyses, critical evaluation of individual studies and clinical practice guidelines. This course focuses on the strengths and limitations of existing clinical evidence and its application to advanced clinical practice.

**NURS 6730 - Promoting Evidence-based Practice II (3)**

This is the second of three evidence-based practicum courses and focuses on the integration of theory in the development of a proposal for a DNP project. Project methods, anticipated analysis, and potential implications of the DNP project are determined. Students will submit their DNP project proposal to their DNP Project Team and complete and submit their application for protection of human subjects/Institutional Review Board.

Prerequisite: NURS 6720.

**NURS 6740 - Promoting Evidence-based Practice III (3)**

This course is the final of three practicum courses which emphasizes developing and demonstrating leadership within the framework of the DNP role. This is demonstrated by the implementation, data collection, and data analysis for the student's approved DNP project.

Prerequisite: NURS 6730.

**NURS 6800 - DNP Project (3)**

The focus of this final course will be on the essentials and challenges of disseminating the outcomes of the DNP project. Course topics include the competencies/outcomes of a DNP graduate. Students will reflect on the DNP project immersion experience.

Prerequisite: NURS 6730, NURS 6740.

**NURS 6523 - Scholarly Writing and Professional Presentation Skills (3)****WashU-DNP/PHD****WASHU L88-NrsSci 510 - Symptom Science and Precision Health Care (3)**

Link to Washington University course listing:

**WASHU L88-NrsSci 511 - Philosophical and Theoretical Underpinnings of Nursing (3)**

Link to Washington University course listing:

**WASHU L88-NrsSci 512 - Literature Critique and Synthesis (3)**

Link to Washington University course listing:

**WASHU L88-NrsSci 513 - Dissemination and Implementation Science (3)**

Link to Washington University course listing:

**WASHU L88-NrsSci 514 - Grant Writing and Scientific Review (3)**

Link to Washington University course listing:

**WASHU L88-NrsSci 515 - Interdisciplinary Science and The Innovative Nurse Scientist (3)**

Link to Washington University course listing:

**WASHU L88-NrsSci 520 - Research I (3)**

Link to Washington University course listing:

**WASHU L88-NrsSci 521 - Research II (3)**

Link to Washington University course listing:

**WASHU L88-NrsSci 522 - Research III Research Designs and Measurement for Scientific Inquiry (3)**

Link to Washington University course listing:

**WASHU L88-NrsSci 530 - Mentored Research Experience I (1)**

Link to Washington University course listing:

**WASHU L88-NrsSci 531 - Mentored Research Experience II (1)**

Link to Washington University course listing:

**WASHU L88-NrsSci 532 - Mentored Research Experience III (1)**

Link to Washington University course listing:

**WASHU L88-NrsSci 533 - Mentored Research Experience IV (1)**

Link to Washington University course listing:

**WASHU L88-NrsSci 534 - Mentored Research Experience V (1)**

Link to Washington University course listing:

**WASHU L88-NrsSci 550 - Dissertation (3)**

Link to Washington University course listing:

**WASHU M17-CLNV 522 - Biostatistics I Introduction to Statistics for Clinical Research (3)**

Link to Washington University course listing:

**WASHU M17-CLNV 524 - Biostatistics II Intermediate Statistics for the Health Sciences (3)**

Link to Washington University course listing:

**WASHU M19-PHS 530 - Advanced Biostatistics III: Multilevel Models in Quantitative Research (3)**

Link to Washington University course listing:

**WASHU - Minor/Cognate I (3)**

Link to Washington University course listing:

**WASHU - Minor/Cognate 2 (3)**

Link to Washington University course listing:

**WASHU - Minor/Cognate 3 (3)**

Link to Washington University course listing:

**WASHU T54-523 - \*Project Planning Methodologies (3)**

Link to Washington University course listing:

**WASHU T71-501 - \*Introductory Overview of Operational Excellence in Healthcare (3)**

Link to Washington University course listing:

**WASHU T71-502 - \*Facilitation Skills/Change Management (3)**

Link to Washington University course listing:

**WASHU T71-503 - \*Lean Healthcare Concepts, Tools and Lean Management System (3)**

Link to Washington University course listing:

**WASHU T71-504 - \*Six Sigma Concepts and Tools (3)**

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