Note Regarding Updates to this Publication: Goldfarb will communicate any edits to the (College Catalog / Student Handbook-enter appropriate publication) via a college-wide email. The email will include the edit or change along with the effective date of its implementation. For reference, edits/updates can also be found in the Knowledge Base file folder until they are incorporated into the publication's annual revision. Edits will be reflected in the (catalog/student handbook) at the time of the official posting.
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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.

CORE VALUES

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

Community
We are one community, working together to deliver our best strengths for advancing, serving and sustaining health care work and success.

Caring Ways
We deliver, discover, teach, establish, sustain and support healing and restorative pathways, for both the community and all of us.

Mutual Respect
We hold each other in highest mutual regard, honoring our diverse gifts, to promote healthy engagement and exchange.

Empowerment
We are authorized, prepared and positioned to deliver our best thinking, skills, energy and contributions for our mission success and impact.

LOCATIONS

Duncan Campus Site: 4483 Duncan Avenue, Saint Louis, MO 63110

West Campus Site: 3005 N. Ballas Road, Saint Louis, MO 63131
**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/](http://www.hlcommission.org/)

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

Commission on Collegiate Nursing Education (CCNE)
Website: [http://www.aacnnursing.org/CCNE](http://www.aacnnursing.org/CCNE)

Council on Accreditation of Nurse Anesthesia Educational Programs
Website: [http://www.coacrn.org/accredited-programs](http://www.coacrn.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 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. For more information on this procedure, please contact the Academic and Student Support Advisors. Transfer courses are not computed in the GPA.

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; information on the Excelsior College Examination Program is available at 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:
1) 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

2) 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.

3) 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.

4) Courses taught with an online/blended format may not have specific seat time expectations, they maintain comparable quality and student learning outcomes.

5) 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.

6) 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.

1. 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.

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

3. Examples that are NOT direct care include:
   A. poster presentation in a library not based on current assessment or any follow-up evaluation.
   B. Skills lab practicing clinical skills
   C. Assessment of virtual, simulated, and/or standardized patients
   D. Windshield survey without follow-up assessment and use of data to improve population health

4. 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.

5. 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.

6. 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/](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.

7. 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.

1. Adult-Gerontology Acute Care Nurse Practitioner: One (1) clinical credit hour is equivalent to 56 hours.
2. Adult-Gerontology Primary Care Nurse Practitioner: One (1) clinical credit hour is equivalent to 56 hours.
3. Nurse Anesthesia: One (1) clinical credit hour is equivalent to 1 day.
4. Nurse Educator: One (1) clinical credit hour is equivalent to 112 hours.
5. Health Systems and Population Health Leadership: One (1) clinical credit hour is equivalent to 56 hours.
6. Doctor of Nursing Practice: One (1) clinical credit hour is equivalent to 100 hrs.

Procedures Relevant to Awarding Credit Hours

1. 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.
2. The definition of credit hour is listed in the college catalog, website, financial aid materials, and student and faculty manuals and supplements.
3. 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 an automatic “hold” placed on his/her ability to obtain transcripts or enroll for courses. 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
DNP Courses $950/credit hour

Nurse Anesthesia Concentration surcharge: $2,000-$3,000/term

Fees:
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 $615 (Approximate; pre-licensure only;)
Charged Term 1; non-refundable
Approved NCLEX-RN Live Review: $300-$500 (approximate; pre-licensure only)
*For students who receive a score less than 70% on ATI Comprehensive exam
**NOTE: Students will be billed directly from the review vendor providing the exam.

Skills Lab Supplies: $100 for NURS 3180 (includes stethoscope)
Skills Lab Supplies: $225 per course for NURS 3260, NURS 4935
Student Services: $100 per term full-time (12+ hours)

Background Check/Drug Screening/Immunization Tracking: $127.75 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: $69 (one-time fee)
Typhon NP Student Tracking: $90 (one-time fee)

ESTIMATED EXPENSES

Books: $1,000 per term for BSN pre-licensure students

Uniforms: $260 for Pre-licensure students

Pre-Graduation Fees: (Estimated fees students will incur outside of GSON)
$10.00 for passport quality photo
$45.00 for Missouri State Board of Nursing Fee
$44.80 for Missouri Fingerprinting Fee
$200.00 NCLEX Registration

INTERNATIONAL STUDENTS

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

<table>
<thead>
<tr>
<th></th>
<th>Accelerated BSN</th>
<th>Upper Division</th>
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<tbody>
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<td>Living Expenses</td>
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</tr>
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<td>3,000</td>
</tr>
<tr>
<td>Health Insurance</td>
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</tr>
<tr>
<td>Total (per year)</td>
<td>$61,500</td>
<td>$47,500 (2 additional terms)</td>
</tr>
</tbody>
</table>

**Tuition Deposit Requirements**

Accepted students must submit a tuition deposit of $150 (make check payable to Barnes-Jewish College) to the Admissions Department within 30 days from the date on the admission acceptance letter to complete the admission process.
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 $8.50. 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](https://tsorder.studentclearinghouse.org/school/ficecode/00638900)

STUDENT PAYMENTS

Payments are accepted in the form of cash, check, or debit/credit card. Checks should be made payable to Barnes-Jewish College. Visa, MasterCard, Discover, and American Express are accepted. Payments are to be made during Business Office hours between 8:00 a.m. and 5:00 p.m., Monday-Friday. Payments are accepted in the Business Office, by the Administrative Coordinator at the West Campus Site, via phone, or via mail to 4483 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.

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 prior to the first day of the applicable academic term.

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

15-week courses:
- 90% of tuition is refunded/credited from the 1st through the 6th business day
- 70% from the 7th through the 12th business day
- 50% from the 13th through the 24th business day

7-week courses:
- 90% of tuition is refunded/credited from the 1st through the 3rd business day
- 70% from the 4th through the 6th business day
- 50% from the 7th through the 12th business day
The first 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: http://www.barnesjewishcollege.edu/departments/registration-office/academic-calendar-and-college-catalog. Course Audits will not be refunded after the 10th business 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.

CHARGES AND CREDITS

1. Tuition charges and fees are generated based on course registration. Tuition charges are based upon credit hours.
2. It is recommended that students check with the Financial Aid office prior to dropping courses to determine any impact on their financial aid.
3. 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.
4. 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

<table>
<thead>
<tr>
<th></th>
<th>Duncan Campus Site</th>
<th>West Campus Site</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday – Thursday</td>
<td>7:30 am - 8:00 pm</td>
<td></td>
</tr>
<tr>
<td>Friday</td>
<td>7:30 am - 6:00 pm</td>
<td></td>
</tr>
<tr>
<td>Saturday</td>
<td>9:00 am - 3:00 pm</td>
<td></td>
</tr>
<tr>
<td>Sunday</td>
<td></td>
<td>CLOSED</td>
</tr>
<tr>
<td>Monday - Friday</td>
<td>8:00 am - 5:00 pm</td>
<td></td>
</tr>
</tbody>
</table>

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. 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

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:

<table>
<thead>
<tr>
<th>Category</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Collection</td>
<td>14 days</td>
</tr>
<tr>
<td>Study Guides with Q&amp;A</td>
<td>7 days</td>
</tr>
<tr>
<td>Audiovisual/Software</td>
<td>4 hours</td>
</tr>
<tr>
<td>Reserve/Reference</td>
<td>2 hours</td>
</tr>
</tbody>
</table>

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.

After completing an initial training, students then pick their top three areas of interest. 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) 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:

1. Reunions/Programming/Social Activities
2. Publications/Communications
3. Awards/Recognition
4. Membership Program
5. 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
Upper Division Option
Accelerated Option
BACHELOR OF SCIENCE IN NURSING (BSN)

UPPER DIVISION OPTION

Goldfarb School of Nursing at Barnes-Jewish College 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. Barnes-Jewish College 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.

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.

<table>
<thead>
<tr>
<th>Course</th>
<th>Core prerequisite courses are required for applicants with a Bachelor's degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anatomy &amp; Physiology I with lab*</td>
<td>Ethics</td>
</tr>
<tr>
<td>Anatomy &amp; Physiology II with lab*</td>
<td>College Algebra</td>
</tr>
<tr>
<td>Microbiology with lab*</td>
<td>Introduction to Sociology</td>
</tr>
<tr>
<td>General Psychology*</td>
<td>History or Political Science</td>
</tr>
<tr>
<td>Human Growth &amp; Development (across the lifespan) *</td>
<td>Biology, Chemistry, Genetics or</td>
</tr>
<tr>
<td>Nutrition *</td>
<td>Physics</td>
</tr>
<tr>
<td>Statistics*</td>
<td>General Elective</td>
</tr>
<tr>
<td>English Composition I*</td>
<td>Humanities Elective</td>
</tr>
<tr>
<td>English Composition II</td>
<td>Social Science Elective</td>
</tr>
</tbody>
</table>

*Core prerequisites

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: Barnes-Jewish College 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. Completed online application
2. Official transcripts from all institutions where credit was earned (Please list ALL colleges on the online application.)
3. International applicants are recommended to 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 IELTS is 6.5 with no Band below 5.0.
4. Additional credentials may also be requested after an initial review of the applicant’s file.

Admission Entry Dates
Entry terms: Spring, Summer, Fall

All application material must be received to be considered for admission. Barnes-Jewish College 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 3150U Foundations of Professional Practice 3

**Term II**
- NURS 3260U Introduction to Adult Health* 6

**Term III**
- NURS 3350U Psychiatric-Mental Health Nursing * 4
- NURS 3360U Nursing of Women and the Childbearing Family * 4
- NURS 4150U Adult Health Nursing I* 6

**Term IV**
- NURS 3270U Leadership Role Development 3
- NURS 4160U Nursing of Children and Families* 4
- NURS 4250U Adult Health Nursing II* 6
**Term V**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS 4260U</td>
<td>Population Health Nursing*</td>
<td>5</td>
</tr>
<tr>
<td>NURS 4300U</td>
<td>Nursing Synthesis*</td>
<td>5</td>
</tr>
<tr>
<td>NURS XXXX</td>
<td>Nursing Elective</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Hours** 66

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

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

**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 Barnes-Jewish College.

For more information about the program, contact us at csson-admissions@barnesjewishcollege.edu, or call 1-800-832-9009 or 314-454-7055, or visit us at 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
ACCELERATED OPTION

Goldfarb School of Nursing at Barnes-Jewish College 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. Barnes-Jewish College 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.

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: Barnes-Jewish College 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. Completed online application
2. Official transcripts from all institutions where credit was earned (Please list ALL colleges on the online application.)
3. International applicants are recommended to 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 IELTS is 6.5 with no Band below 5.0.
4. Additional credentials may also be requested after an initial review of the applicant's file.

All credentials received become the property of Barnes-Jewish College. 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. Barnes-Jewish College communicates admission decisions by letter.

Sample Plan of Study

<table>
<thead>
<tr>
<th>Term I</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS 3140A Pathophysiology</td>
<td>4</td>
</tr>
<tr>
<td>NURS 3170A Nursing Pharmacology</td>
<td>4</td>
</tr>
<tr>
<td>NURS 3180A Health Assessment for the Professional Nurse*</td>
<td>3</td>
</tr>
<tr>
<td>NURS 4935A Introduction to the Discipline of Nursing*</td>
<td>8</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Term II</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS 3250A Evidenced-Based Practice and Research</td>
<td>3</td>
</tr>
<tr>
<td>NURS 4945A Nursing Management of Adult Health Care I*</td>
<td>6</td>
</tr>
<tr>
<td>NURS 3360A Nursing of Women and the Childbearing Family*</td>
<td>4</td>
</tr>
<tr>
<td>NURS 3350A Psychiatric-Mental Health Nursing*</td>
<td>4</td>
</tr>
<tr>
<td>NURS 3370A Gerontological Nursing</td>
<td>3</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Term III</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS 3270A Leadership Role Development</td>
<td>3</td>
</tr>
<tr>
<td>NURS 4160A Nursing of Children and Families*</td>
<td>4</td>
</tr>
<tr>
<td>NURS 4260A Population Health Nursing*</td>
<td>4</td>
</tr>
<tr>
<td>NURS 4990A Nursing Management of Adult Health Nursing II*</td>
<td>4</td>
</tr>
<tr>
<td>NURS 4300A Nursing Synthesis</td>
<td>4</td>
</tr>
</tbody>
</table>

Total Hours                     58

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

NOTE: Courses and sequencing are subject to change

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 Barnes-Jewish College.
For more information about the program, contact us at gson-admissions@barnesjewishcollege.edu, or call 1-800-832-9009 or 314-454-7055, or visit us at 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 Anesthesia
Nurse Educator
Health Systems and Population Health Leadership

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

DNP Program
Post-MSN
Nurse Anesthesia

PhD Program
MASTER OF SCIENCE IN NURSING

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
Organizational & Systems Leadership 3
Health Care Policy & Ethics 3

FALL, TERM 2
Health Promotion in Individuals & Vulnerable Populations 3
Graduate Physiology 4
SPRING, TERM 3
Advanced Pathophysiology 4
Advanced Pharmacology 3

SUMMER, TERM 4
Advanced Health Assessment* 3
Statistics & Epidemiology for Advanced Practice 3

FALL, TERM 5
Acute Care I 3
Acute Care I Clinical** 3
Invasive Procedures & Skills* 2

SPRING, TERM 6
Evidence-Based Practice & Research 3
Acute Care II 3
Acute Care II Clinical** 3

SUMMER, TERM 7
Research & Theory Integration 3
Acute Care III Clinical*** 5

*Clinical Contact Hours 56
**Clinical Contact Hours 168
***Clinical Contact Hours 280
Total Clinical Hours 728

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

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, or call 1-800-832-9009 or 314-454-7055, or visit us at 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
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 LENGTH: Post-BSN (registered nurses) 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**
Organizational & Systems Leadership 3
Health Care Policy and Ethics 3
Health Promotion in Individuals and Vulnerable Populations 3

**Fall, Term 2**
Statistics & Epidemiology for Advanced Practice 3
Advanced Pathophysiology for Primary Care 3

**Spring, Term 3**
Evidence-Based Practice and Research 3
Pharmacotherapeutics       3

**Summer, Term 4**
Advanced Health Assessment*       3
Research Theory & Integration       3

**Fall, Term 5**
Primary Care I       3
Primary Care I Clinical**

**Spring, Term 6**
Primary Care II       3
Primary Care II Clinical**       3

**Summer, Term 7**
Primary Care III Clinical**       3
Management of Advanced Nursing Practice       3

Total        45
*Clinical Contact Hours        56
**Clinical Contact Hours       168
Total Clinical Hours        560

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

**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

**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, or call 1-800-832-9009 or 314-454-7055, or visit us at barnesjewishcollege.edu.

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

Goldfarb School of Nursing at Barnes-Jewish College offers the Master of Science in Nursing Nurse Anesthesia Concentration for BSN-prepared registered nurses interested in pursuing a career as a Certified Registered Nurse Anesthetist (CRNA). However, the full-time, 28-month, MSN Nurse Anesthesia Concentration is being phased out. As the program moves to a DNP program. The last MSN class will finish the program in December 2021. The program has accepted its first DNP cohort. They started the program in January 2020.

The program, in affiliation with Washington University School of Medicine Department of Anesthesiology, is a full-time, 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, and Shriner’s 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 (Date of next review: May 2024). The program is also ranked number 18 in the country by US News & World Report.

Admission Requirements: No longer accepting applications for the MSN Nurse Anesthesia Concentration (See DNP Nurse Anesthesia Concentration)

Sample Course Sequence for the MSN Track

**Fall, Term 1**
- Graduate Physiology 4
- Graduate Anatomy 5
- Basic Principles of Anesthesia w/ Equipment & Technology #1 1
- Chemistry and Physics Applied to Anesthesia 3
- Pharmacology Related to Anesthesia 3

**Spring, Term 2**
- Advanced Pathophysiology 4
- Advanced Pharmacology 3
- Statistics and Epidemiology for Advanced Practice 3
- Basic Principles of Anesthesia #2 3
- Advanced Health Assessment for Nurse Anesthesia 3

**Summer, Term 3**
- Health Promotion in Individuals and Vulnerable Populations 3
- Evidence-Based Practice and Research 3
- Advanced Principles in Anesthesia #1 3
- Clinical Experience I* 3
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<tr>
<th>Term</th>
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<tr>
<td>Fall, Term 4</td>
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<tr>
<td></td>
<td>Advanced Principles of Anesthesia #2</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Research and Theory Integration</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Clinical Experience II*</td>
<td>3</td>
</tr>
<tr>
<td>Spring, Term 5</td>
<td>Organizational and Systems Leadership</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Professional Aspects of Nurse Anesthesia</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Clinical Experience III*</td>
<td>4</td>
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<td>Summer, Term 6</td>
<td>Clinical Experience IV*</td>
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<td></td>
<td>Clinical Correlation Conferences</td>
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<tr>
<td>Fall, Term 7</td>
<td>Clinical Experience V*</td>
<td>5</td>
</tr>
<tr>
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</tr>
</tbody>
</table>

*Total Minimum Clinical Contact Hours: 2000
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 – Full-Time Option**

**Term 1**
- NURS 5228 Organizational & Systems Leadership 3
- NURS 5223 Health Care Policy and Ethics 3
- NURS 5240 Statistics & 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 in Teaching and Learning 3

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

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

**Total** 36

*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.

**Practicum Hours** 112

Sample Course Sequence - Part-time Option

**Term 1**
NURS 5228 Organizational & Systems Leadership 3
NURS 5240 Statistics & Epidemiology for Advanced Practice 3

**Term 2**
NURS 5250 Evidence-Based Practice and Research 3
NURS 5223 Health Care Policy and Ethics 3

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

**Term 4**
NURS 5501 Principles in Teaching and Learning 3
NURS 5511 Curriculum Design, Development, and Implementation 3

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

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

**Total** 36

*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.

**Practicum Hours** 112
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 in Teaching and Learning 3

**Term 2**
NURS 5521 Roles and Issues in Education 3  
NURS 5511 Curriculum Design, Development, and Implementation 3

**Term 3**
NURS 5541 Advanced Pathophysiology, Health Assessment, Pharmacology for Nurse Educators 5  
NURS 5531 Seminar and Clinical in Teaching** 4

Total 18

*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
**Practicum Hours 112

NOTE: Courses and sequencing are subject to change

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

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:
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@barnesjewishcollege.edu, or call 1-800-832-9009 or 314-454-7057, or visit us at barnesjewishcollege.edu.
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

Core Courses
Health Promotion in Individuals and Vulnerable Populations 3
Health Care Policy and Ethics 3
Organizational and Systems Leadership 3
Statistics and Epidemiology for Advanced Practice 3
Evidence-Based Practice and Research 3
Research and Theory Integration 3

Concentration-Specific Courses
Human Resources, Quality, and Ethics 3
Applied Economics and Finance 3
Evidence-based Decision Making for Population Health 3
Designing Care Delivery Alternatives 3
Technology and Innovation Applications 3
Seminar & Clinical in Healthcare Management* 3

Total 36
*Practicum Hours 112

NOTE: Courses and sequencing are subject to change

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

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
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4483 Duncan Avenue
MS: 90-36-697
St. Louis, MO 63110

For more information about the program, contact us at gson-admissions@barnesjewishcollege.edu, or call 1-800-832-9009 or 314-454-7057, or visit us at 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)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>NURS 5101</td>
<td>Advanced Pathophysiology for Primary Care</td>
<td>3 credits</td>
</tr>
<tr>
<td>NURS 5110</td>
<td>Pharmacotherapeutics</td>
<td>3 credits</td>
</tr>
<tr>
<td>NURS 5121</td>
<td>Advanced Health Assessment</td>
<td>3 credits</td>
</tr>
<tr>
<td>NURS 5890</td>
<td>Management of Advanced Practice</td>
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</tr>
<tr>
<td>NURS 5805</td>
<td>Primary Care I</td>
<td>3 credits</td>
</tr>
<tr>
<td>NURS 5808</td>
<td>Primary Care I Clinical</td>
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</tr>
<tr>
<td>NURS 5965</td>
<td>Primary Care II</td>
<td>3 credits</td>
</tr>
<tr>
<td>NURS 5968</td>
<td>Primary Care II Clinical</td>
<td>3 credits</td>
</tr>
<tr>
<td>NURS 5970</td>
<td>Primary Care III Clinical</td>
<td>3 credits</td>
</tr>
</tbody>
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**Adult-Gerontology Acute Care Nurse Practitioner (AGACNP)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>NURS 5103</td>
<td>Advanced Pathophysiology</td>
<td>4 credits</td>
</tr>
<tr>
<td>NURS 5109</td>
<td>Advanced Pharmacology</td>
<td>3 credits</td>
</tr>
<tr>
<td>NURS 5121</td>
<td>Advanced Health Assessment</td>
<td>3 credits</td>
</tr>
<tr>
<td>NURS 5605</td>
<td>Invasive Procedures and Skills</td>
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</tr>
<tr>
<td>NURS 5602</td>
<td>Acute Care I</td>
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<td>NURS 5603</td>
<td>Acute Care I Clinical</td>
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<td>NURS 5612</td>
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<td>NURS 5613</td>
<td>Acute Care II Clinical</td>
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<td>NURS 5614</td>
<td>Acute Care III Clinical</td>
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**Nurse Educator**

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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>NURS 5101</td>
<td>Advanced Pathophysiology for Primary Care</td>
<td>3 credits</td>
</tr>
<tr>
<td>NURS 5110</td>
<td>Pharmacotherapeutics</td>
<td>3 credits</td>
</tr>
<tr>
<td>NURS 5121</td>
<td>Advanced Health Assessment</td>
<td>3 credits</td>
</tr>
<tr>
<td>NURS 5501</td>
<td>Principles of Teaching and Learning</td>
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<tr>
<td>NURS 5511</td>
<td>Curriculum Design, Development, and Implementation</td>
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</tr>
<tr>
<td>NURS 5521</td>
<td>Roles and Issues in Education</td>
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<td>NURS 5531</td>
<td>Seminar and Clinical in Teaching Strategies</td>
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<td>NURS 5540</td>
<td>Computer Technologies for Nurse Educators</td>
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<td>NURS 5541</td>
<td>Advanced Pathophysiology, Health Assessment &amp; Pharmacy for Nurse Educators</td>
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**Health Systems and Population Health Leadership**

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<td>Human Resources, Quality, and Ethics</td>
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</tr>
<tr>
<td>NURS 5811</td>
<td>Applied Economics and Finance</td>
<td>3 credits</td>
</tr>
<tr>
<td>NURS 5814</td>
<td>Evidence-based Decision Making for Population Health</td>
<td>3 credits</td>
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<tr>
<td>NURS 5812</td>
<td>Technology &amp; Innovation Application</td>
<td>3 credits</td>
</tr>
<tr>
<td>NURS 5815</td>
<td>Technology and Innovation Applications</td>
<td>3 credits</td>
</tr>
<tr>
<td>NURS 5820</td>
<td>Seminar &amp; Clinical in Healthcare Management</td>
<td>3 credits</td>
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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 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 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:
- Biostatistics for Advanced Practice 3
- Promoting Heath Equities and Population Health in Advanced Practice 3
- Nursing Influence in Shaping Health Policy 3

Term 2:
- Epidemiology 3
- Leadership in Transforming Health Systems 3

Term 3:
- Healthcare Economics and Informatics 3
- Promoting Evidence Based Practice I 3
Term 4:
Promoting Evidence Based Practice II 3

Term 5:
Promoting Evidence Based Practice III 3

Term 6:
DNP Project 3

GRAND TOTAL 30

Steps to Applying for Admission

• Apply online at 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 or call 1-800-832-9009 or 314-454-7055, or visit us at 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, and Shriner's 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 (Date of next review: 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 #1 1
- NURS 6511 DNP Advanced Health Assessment for Nurse Anesthesia 3

Spring, Term 4
- NURS 5103 Advanced Pathophysiology 4
- NURS 5710 Chemistry & Physics Applied to Anesthesia 3
- NURS 6516 DNP Basic Principles of Anesthesia #2 3
- NURS 6720 Promoting EBP I 3

Summer, Term 5
- NURS 6513 DNP Advanced Principles of Anesthesia #1 3
- NURS 6506 DNP Clinical Experience I 3
- NURS 6730 Promoting EBP II 3

Fall, Term 6
- NURS 6514 DNP Advanced Principles of Anesthesia #2 3
- NURS 6507 DNP Clinical Experience II 3
- NURS 6740 Promoting EBP III (Data collect/Project Implementation/Evaluation) 3

Spring, Term 7
- NURS 6517 DNP Professional Aspects of Nurse Anesthesia 3
- NURS 6508 DNP Clinical Experience III 4
- NURS 6800 DNP Project (Translation/Knowledge Dissemination-DNP Paper, Poster, Presentation) 3

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 Hours 91
Total minimum clinical hours 2000

Note: Courses and sequencing are subject to change.

Steps to Apply for Admission
- Apply online at 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, or call 1-800-832-9009 or 314-454-7055, or visit us at 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
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.

SELECTION OF CANDIDATES AND ADMISSION CRITERIA

- 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 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.
- The essay 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. 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.
  - Essay up to 3 pages 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 you know any. Drawing on your past and planned experiences, please conclude with a statement articulating why you will be an outstanding graduate student.
  - Evidence of scholarship, including publications as lead or co-author in scientific journals.
  - 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 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.
  - CV 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 also 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.
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)

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 & Population Health (3)
- NURS 6300 – Epidemiology (3)
- NURS 6500 – Leadership in Transforming Health Systems (3)
- NURS 6325 – Healthcare Informatics & Economics (3)

<table>
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<th>Year 1 = 30 credits</th>
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<th>Year 2 = 26 credits</th>
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<th>Year 3 = 9 credits</th>
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<td><strong>Summer Year 1 (10)</strong></td>
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<td><strong>Spring Year 2 (10)</strong></td>
<td><strong>Summer Year 2 (6)</strong></td>
<td><strong>Fall Year 3 (3)</strong></td>
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**Notes:**
- All courses must be completed with a grade of B or higher.
- The dissertation proposal must be completed by the end of Year 2.
- The dissertation defense must be completed by the end of Year 4.

**Admission to Candidacy:**
- Completed by the end of Year 1

**Dissertation:**
- 3rd year
- 4th year (optional)

**Milestones:**
- Successfully passed each milestone within the designated year.
## MSN- PhD in NURSING SCIENCE - Plan of Study
### 65 Credit Hours (minimum)

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<th>Year 1 = 30 credits</th>
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<th>Year 4 (optional) = 9 credits</th>
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<tr>
<td>NrsSci 533 - Mentored Research Experience IV (1)</td>
<td>NrsSci 514 - Grant Writing and Scientific Review (3)</td>
<td>NrsSci xxx - Independent Study (3) (optional)</td>
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<td>NrsSci 534 - Mentored Research Experience V (1)</td>
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<td>Qualifying Exam (Milestone)</td>
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<td>Defend Dissertation (milestone)</td>
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### STEPS TO APPLY FOR ADMISSION

Apply online at Graduateschoolwustl.edu/apply. Before an application can be submitted, the applicant must sign up for an account with CollegeNET at https://www.applyweb.com/wustl/index.ftl. 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.

Application deadline is January 10.

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

For more information about the PhD program, contact 314-273-5449.
COURSE DESCRIPTIONS

BSN UPPER DIVISION COURSES

NURS 3140U – Pathophysiology
4 credits hours (4 theory)
Prerequisites: Anatomy & Physiology I & II, Microbiology, or permission of instructor, Admission to BSN program
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 credit hours (3 theory)
Prerequisite: Admission to the BSN Program
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 3170U Nursing Pharmacology
4 credit hours (4 theory)
Prerequisite: Admission to the BSN Program
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 3180U – Health Assessment for the Professional Nurse
3 credit hours (2 theory/1 clinical)
Prerequisites: Admission to the BSN Program, All Compliance Documentation
Provides the knowledge and skills necessary to perform holistic, patient-centered health assessment. Primary and secondary prevention as potential interventions are discussed in relation to assessing health and providing health education.

NURS 3250U - Practice of Nursing Research
3 credit hours (3 theory)
Co-requisite: Admission to BSN Program and undergraduate statistics course
Focuses on research as a basis for developing nursing as a discipline and for improving the practice of professional nursing. Use of theory as a guide for research and practice is emphasized. Ethical issues applicable to the use of human subjects in research are explored. Emphasis is placed on assisting students to become effective consumers of research. The process of utilization of research in practice and the development of evidence-based nursing practice are addressed.

NURS 3250U – Evidence Based Practice and Research
3 credit hours (3 theory)
Prerequisite:
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 – Intro to Adult Health
6 credit hours (4 theory/2 clinical)
Prerequisites: NURS 3140, 3150, All Compliance Documentation
The health-illness continuum related to the care of patients is the focus of the course. The course introduces the student to essential skills needed for comprehensive care of patients in a variety of settings. Nursing skills based on best practice and their theoretical basis, concepts relating to development of a therapeutic relationship, and educating patients and families will be emphasized. The clinical practicum will focus on quality and safety and the application of skills in a patient-centered manner.
NURS 3270U - Leadership Role Development  
3 credit hours (3 theory)  
Prerequisites:  NURS 3350, 3360, 4150  
Introduces the health care provider to the theoretical concepts necessary for understanding leadership roles in nursing. Delegation, decision-making, conflict resolution and evaluation of care will be emphasized. Students will explore issues including diversity, legal, ethical, and multi-generational as they influence health care delivery.

NURS 3270U – Leadership Role Development – Available Fall 2020  
Prerequisites: NURS 3150U, 3260U, 4150, 4945, All Compliance Documentation  
3 credit hours (3 theory)  
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 3350 - Psychiatric-Mental Health Nursing: A Biopsychosocial Approach  
4 credit hours (3 theory/1 practicum)  
Prerequisites: NURS 3170, 3180, 3260, All Compliance Documentation  
Examines biopsychosocial approaches to the care of persons/families with mental illness across the lifespan. Students will continue to expand upon 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– Psychiatric-Mental Health Nursing  
4 credit hours (3 theory/1 clinical)  
Prerequisites: NURS 3150U, 4935A, 3260U, 3170U, 3140  
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 3360 – Nursing of Women and the Childbearing Family  
4 credit hours (3 theory/1 practicum)  
Prerequisites: NURS 3170, 3180, 3260, All Compliance Documentation  
Utilizes the nursing process and application theoretical frameworks to deliver best care practices to women and childbearing families from diverse populations. Concepts related to women’s health are integrated across the life span. Practicum involves simulation, as well as care of the childbearing family in the acute care setting while integrating women’s health concepts.

NURS 3360U– Nursing of Women and the Childbearing Family  
4 credit hours (3 theory/1 clinical)  
Prerequisites: Upper Division: NURS 3140U, 3170U, 3180U, 3260, All Compliance Documentation  
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 4150U - Adult Health Nursing I  
6 credit hours (4 theory/2 clinical)  
Prerequisites: NURS 3140, 3150, 3170, 3180, 3260, All Compliance Documentation  
The health-illness continuum related to the care of patients is the focus of the course. The course introduces the student to essential skills needed for comprehensive care of patients in a variety of settings. Nursing skills based on best practice and their theoretical basis, concepts relating to development of a therapeutic relationship, and educating patients and families will be emphasized. The clinical practicum will focus on quality and safety and the application of skills in a patient-centered manner.
NURS 4160 - Nursing of Children and Families
4 credit hours (3 theory/1 practicum)
Prerequisites: NURS 3360, 3350, 4150, All Compliance Documentation
Addresses the family as 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. Explores factors such as communication, roles, structure, spirituality and stress that affect family health practices. Emphasizes the nursing role of advocate in the delivery of health care for children and families. Research-based knowledge and applicable theoretical frameworks are used in clinical role development.

NURS 4160U– Nursing of Children and Families
4 credit hours (3 theory/1 clinical)
Prerequisites: NURS 3140 U/A, 3170 U/A, 3180 U/A, 4150U, 4945A
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 4250 - Adult Health Nursing II
6 credit hours (4 theory/2 practicum)
Prerequisites: NURS 3350, 3360, 4150, All Compliance Documentation
Adult health content and concepts continue to be addressed in this course, which include 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 4150U – Adult Health Nursing II
6 credit hours (4 theory/2 clinical)
Prerequisites: NURS 4150U, All Compliance Documentation
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 as based on current evidence. Practicum includes simulation, as well as acute care of adults.

NURS 4260 – Community Health Nursing
6 credit hours (4 theory/2 practicum)
Prerequisites: NURS 3270U, 4160, 4250, All Compliance Documentation
Emphasis is on the role of the professional nurse in assessing, planning, intervening and evaluating strategies to facilitate health maintenance and promotion for culturally diverse populations. Integrates epidemiological and research concepts in developing a community assessment and project. Research-based knowledge and applicable theoretical frameworks used in clinical role development.

NURS4260U – Population Health Nursing
6 credit hours (4 theory/2 clinical)
Prerequisites:
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 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 4300 - Nursing Synthesis
4 credit hours (2 theory/2 practicum)
Prerequisites: Terms 1-4, All Compliance Documentation
Knowledge and skills from basic and upper division general education and nursing discipline-specific courses are integrated when implementing evidence-based nursing practice to deliver quality nursing care to individuals and/or groups in a selected clinical area. Clinical experience in a selected area provides an opportunity to participate in a mentoring relationship with an experienced colleague and the opportunity to develop competence in the professional nursing role. Assists in preparing the student for professional nursing licensure.

NURS 4300U – Nursing Synthesis
5 credit hours (3 theory/2 clinical)
Prerequisites: Terms 1-4, All Compliance Documentation
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 health care delivery systems will be further evaluated. Financial, legal, and ethical factors that influence health care delivery will be explored.
BSN ACCELERATED COURSES

NURS 3140A – Pathophysiology
4 credits hours (4 theory)
Prerequisites: Anatomy & Physiology I & II, Microbiology, or permission of instructor, Admission to the BSN program
Principles of alterations in structure and function of major organ systems will be discussed. Emphasis is on understanding how abnormal function and processes disrupt human cellular, tissue, organ and system processes.

NURS 3170A – Nursing Pharmacology
4 credit hours (4 theory)
Prerequisite: Admission to the BSN Program
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 Assessment for the Professional Nurse
3 credit hours (2 theory/1 clinical)
Prerequisites: Admission to the BSN Program, All Compliance Documentation
Provides the knowledge and skills necessary to perform holistic, patient-centered health assessment. Primary and secondary prevention as potential interventions are discussed in relation to assessing health and providing health education.

NURS 3250A – Evidence-Based Practice and Research
3 credit hours (3 theory)
Prerequisite:
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 3270A - Leadership Role Development
3 credit hours (3 theory)
Prerequisites: NURS 3250A, 4945, 4955, 4960
Introduces the health care provider to the theoretical concepts necessary for understanding leadership roles in nursing. Delegation, decision-making, conflict resolution, and evaluation of care will be emphasized. Students will explore issues including diversity, legal, ethical, and multi-generational as they influence health care delivery.

NURS 3270A – Leadership Role Development – Available Summer 2020
Prerequisites: NURS 3150A, 3260A, 4150, 4945, All Compliance Documentation
3 credit hours (3 theory)
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 – Psychiatric-Mental Health Nursing
4 credit hours (3 theory/1 clinical)
Prerequisites: NURS 3150U, 4935A, 3260U, 3170U, 3140
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 Nursing of Women and the Childbearing Family
3 credit hours (3 theory)
Prerequisite:
Utilizes 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 4160A– Nursing of Children and Families
4 credit hours (3 theory/1 clinical)
Prerequisites: NURS 3140 A, 3170 A, 3180 A, 4150, 4945A
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.

NURS4260A– Population Health Nursing
6 credit hours (4 theory/2 clinical)
Prerequisites:
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 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 4300A – Nursing Synthesis
5 credit hours (3 theory/2 clinical)
Prerequisites: Terms 1-4, All Compliance Documentation
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 health care delivery systems will be further evaluated. Financial, legal, and ethical factors that influence health care delivery will be explored.

NURS 4935A – Introduction to the Discipline of Nursing
8 credit hours (6 theory/2 clinical)
Prerequisites: Admission to the Accelerated Program, All Compliance Documentation
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 Management of Adult Health Care I
6 credit hours (4 theory/2 clinical)
Prerequisites: NURS 3140, 3170, 3180, 4935, All Compliance Documentation
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 4970 - Pediatric Nursing
4 credit hours (3 theory/1 practicum)
Prerequisites: NURS 3250A, 4945, 4955, 4960, All Compliance Documentation
Focus is on the nursing care of children using a family-centered care approach. Nursing care of the child includes child health promotion, health risk reduction, disease prevention, and care of the ill child in a variety of acute, rehabilitative, and community settings. The reciprocal impact of the child and family on development and health is explored. Clinical application of nursing strategies to optimize patient care outcomes within the family are practiced. Community implications and trends in the health of children are considered. Students will examine evidence-based health care and explore areas of children’s health research.
NURS 4980 - Community Health and Health Policy
4 credit hours (3 theory/1 practicum)
Prerequisites: NURS 3250A, 4945, 4955, 4960, All Compliance Documentation
Introduces theories and concepts related to health and public health. The changing needs of an increasingly culturally diverse population are examined along with the environmental, economic, political and legal constraints impacting the health of populations and aggregates. Students will have the opportunity to study the impact of policy on population health, assess risk and protective factors that affect the health of populations, apply epidemiology and public health science to population-based nursing practice, evaluate the key determinants that influence and define the health of a population, and understand the application of basic research methods and evidence-based practice to population-based nursing practice.

NURS 4980A - Community Health and Health Policy
4 credit hours (3 theory/1 clinical)
Prerequisites: NURS 3250, 4945, 4955, 4960, 3270, 4990, All Compliance Documentation
Introduces theories and concepts related to health and public health. The changing needs of an increasingly culturally diverse population are examined along with the environmental, economic, political and legal constraints impacting the health of populations and aggregates. Students will have the opportunity to study the impact of policy on population health, assess risk and protective factors that affect the health of populations, apply epidemiology and public health science to population-based nursing practice, evaluate the key determinants that influence and define the health of a population, and understand the application of basic research methods and evidence-based practice to population-based nursing practice.

NURS 4990 - Nursing Management of Adult Health Care II
8 credit hours (4 theory/4 practicum)
Prerequisites: NURS 3250, 4945, 4955, 4960, All Compliance Documentation
Adult health problems related to protection, excretion, emergency nursing, mobility, sensation, cognition, and critical care concepts explored. An emphasis is placed on the client as a member of a family unit living in diverse environments. Secondary and tertiary prevention as intervention are discussed in relationship to care with clients. Research-based knowledge and applicable theoretical frameworks are used in clinical role development. Practicum includes simulation as well as the management of adults in the acute care setting.

NURS 4990A – Nursing Management of Adult Health Care II – Available Summer 2020
4 credit hours (3 theory/1 clinical)
Prerequisites: NURS 4945, All Compliance Documentation
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.
BSN ELECTIVE COURSES

NURS 4800B - Spiritual Care
3 credit hours (3 theory)
Pre/Co-requisites: NURS 3180, 4935 (Accelerated); NURS 3180, 3260 (Upper Division)
Explores spirituality in nursing and spiritual self-awareness through historic foundations, professional mandates, and empirical support for spiritual caring. Application to practice through the nursing process and numerous approaches to nurturing the spirit are examined. Promotion of clients' spiritual health through diverse religious beliefs, practices and rituals are examined. Secular approaches to spiritual caring and dealing with conflict are also examined.

NURS 4800F - Women's Health Care Across the Life Span
3 credit hours (3 theory)
Prerequisites: NURS 3180, 4935 (Upper Division); NURS 3180, 3260 (Accelerated)
Provides a review of the literature of women's health care policy and research, as well as a demographic overview of women's health across the life span. Health promotion and disease prevention among women will be explored using strategies for health maintenance. Specific issues will be explored including: major illnesses and health concerns, cultural diversity, social and economic factors, and implications for policy, practice and research.

NURS 4800G - Topic: Pain Management
3 credit hours (2 theory/1 practicum)
Prerequisites: Completion of Term I (Accelerated Option); Completion of Term II (Upper Division Option)
Introduces student to the pain phenomena, theories, mechanisms and treatments, both pharmacological and non-pharmacological. Techniques of assessment of people in acute and chronic pain, safe and effective use of analgesics, and discussion of clinical practice guidelines for pain control will be emphasized. Personal, social and cultural factors that influence pain perception will be discussed. Ethical and legal considerations of pain management will be addressed. Pain management education will be taught that will affect the adult and pediatric population as it relates to the issues of pain management. This will include acute and chronic pain issues. Nursing interventions and education for patients and their families are based on current evidence-based practice.

NURS 4800H - Complementary/Alternative Therapies in Health Care
3 credit hours (3 theory)
Examines healing process of complementary/alternative therapies. Using a holistic perspective and evidence-based management approach, students will analyze the use of these therapies for health maintenance and promotion. A comparison of Western and alternative approaches is incorporated. The health professional's role in consumer education is emphasized as is integrating clients' health into clinical practice.

NURS 4800I - Perioperative Nursing
3 credit hours (3 theory)
Prerequisites: NURS 3180, 4935 (Accelerated); NURS 3180, 3260 (Upper Division);
This course is designed to provide an introduction to perioperative nursing. Students will be introduced to the physical environment of an operating room, the roles and skills of the operating room nurse, and the nursing management of pre-, intra-, and postoperative patients. Emphasis will be placed on patient assessment, teaching, and safety.

NURS 4800J - Palliative and End-of-Life Care and Communication Strategies
3 credit hours (3 theory)
Explores the affective, philosophical, cultural, spiritual, and economic dimensions of palliative and end-of-life care. Learners investigate individual aspects of dying, communication strategies, symptom management, family care, bereavement, ethical/legal issues, and the development of skills needed for the care of dying people and those in their lives. Palliative and end-of-life care is presented as part of the full continuum of healthcare and dying as a part of the full continuum of life.
NURS 4800K - Cancer Prevention and Early Detection: Issues and Trends
3 credit hours (3 theory)
Will introduce students to issues and trends surrounding causes of cancer, cancer prevention, and early detection. Using current available evidence, the potential to reduce the cancer burden will be emphasized and research priorities will be discussed. Social and political issues that affect the management and delivery of services across the cancer continuum will be identified. Economic and ethical issues and resource allocation related to cancer care will be discussed with emphasis on governmental, media, and trade industry response. Students will have the opportunity to explore their role as oncology patient advocates.

NURS 4800L - Human Genetics
3 credit hours (3 theory)
This course provides the student with an understanding of human genetics and its role in health and disease. The emphasis is placed upon the processes of normal genetics and progresses to the role of genetics in health and environmental issues.

NURS 4800M – EKG Concepts and Beyond
3 credit hours (3 theory)
Prerequisites: Completion of Term II (Accelerated Option); completion of Term III (Upper Division Option);
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.

NURS 4800P - Concepts of Critical Care
3 credit hours (3 theory)
Prerequisites: Completion of Term II (Accelerated) OR Completion of Term III (Upper Division)
Co-requisites: NURS 4990 (Accelerated), OR NURS 4250 (Upper Division)
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.

NURS 4800Q - Diabetes Education and Self-Care Management
3 credit hours (3 theory)
Prerequisites: Completion of Term II (Accelerated) OR Completion of Term III (Upper Division)
Provides students with an overview of the diabetes mellitus disease process and treatment guidelines, including nutritional, pharmacological, and activity measures. The nursing management of persons with diabetes mellitus across the lifespan and among various cultures is discussed. Emphasis on the nurse’s role in reinforcing the self-management skills of the person and family with diabetes. Current evidence-based practice guidelines for screening, disease prevention, treatment, and complication management in various settings are explored.

NURS 4800R - HIV Nursing: Caring and Concepts
3 credit hours (3 theory)
The course focuses on understanding the HIV epidemic both locally and globally. We will concentrate on the role of nursing in caring for patients living with HIV. It is thought that understanding the physical and psychosocial needs of persons living with HIV will provide the necessary background to effectively care for this patient population. This course utilizes videos, power point presentations, guest speakers, and student presentations to explore the unique needs of this growing population.

NURS 4800T – Culture, Context and Vulnerability
3 credit hours (3 theory)
Focuses on culture, socio-economic status (SES), and other personal and contextual factors that influence the health and illness experiences of individuals and communities. Domestic and global issues (e.g., access – and use of – health care resources) are explored with a focus on health disparities. A variety of learning experiences will assist the learner to assess one’s own socio-historical and cultural background, understand health and illness care practices of select populations, and apply theoretical frameworks for developing and implementing nursing interventions to reduce health disparities.
NURS 4800U - Emergency Nursing Care of the Adult
3 credit hours (3 theory)
Prerequisites: Completion of Term II (Accelerated Option); completion of Term III (Upper Division Option);
Focus 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 4810B - Health Care Needs of the Elderly
3 credit hours (3 theory)
Study of the process of aging related to physiological, mental, emotional, spiritual and sociocultural dimensions and total-care
needs. Altered patterns of functioning commonly associated with the aging individual will be presented. Principles of health care
that assist the aging individual attain an optimal level of health are presented.

NURS 4810C - Transcultural Health Care
3 credit hours (3 theory)
Exploration of theoretical and conceptual aspects of international and cross-cultural health care. Topics covered include culture
and ethnicity; cross-cultural communication, beliefs and values; cultural variations in response to actual or potential problems of
health or illness; review of research literature; and methods for caring and treating culturally influenced responses.

NURS 4810D - Health Care Organization and Administration
3 credit hours (3 theory)
Focuses on the development, organization and management of health care delivery systems, including reimbursement
strategies and financial aspects of hospital management and operations. Basic theories of health care leadership, management
and quality assurance are presented.

NURS 4810F - Interpretation of Laboratory Data
3 credit hours (3 theory)
Prerequisite: NURS 3140: Pathophysiology
Emphasis is placed in interpreting laboratory data within the clinical context. Examines common parameters that affect
laboratory tests and relates laboratory test results to pathophysiology. Using case studies, focused integration, laboratory data,
diagnostic information and specific body pathology, this course will relate intensity of single and multi-system diseases to
potential laboratory deviations. Using case studies, focused integration, laboratory data, diagnostic information and specific
body pathology, this course will relate intensity of single and multi-system diseases to potential laboratory deviations.

NURS 4810I – Interprofessional Health Literacy
3 credit hours (3 theory)
Prerequisites: NURS 4150 or NURS 4945
This interprofessional, inter-institutional course develops knowledge and competence in the areas of interprofessional
collaboration, patient-centered care (including health literacy), care coordination, and navigating the health system, all in the
context of service to a homeless population. Depending on the population served each year, this may address content in the
following areas: health care delivery systems; pharmacoepidemiology; pharmacy and nursing law, ethics, and professional
communication; social/behavioral aspects of practice; pharmacist-provided care; nursing-provided care; drug information and
medication safety. The following areas are addressed: patient care provider, population care provider, community member,
terprofessional and organizational team member, educator, and advocate for the profession.

NURS 4810J – Advanced Concepts in the Nursing Care of Children and Families
3 credit hours (3 theory)
Prerequisites: Completion of Term II (Accelerated Option) and enrollment in NURS 4970; Completion of Term III (Upper Division
Option) and enrollment in NURS 4160
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.
NURS 4810K – Advanced Concepts: Perinatal Nursing
3 credit hours (3 theory)
Prerequisites: NURS 3360 or NURS 4955
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.

NURS 4810L - Rural Health Nursing
3 credit hours (3 theory)
Introduces students to the role of the rural health nurse. The care of populations in rural areas requires an expanded understanding of geographical elements, situational factors and the unique issues which occur when resources are scarce, distant and culturally inappropriate. This course will discuss the definition of rural health and the population groups living in these areas. Historical, geographical, cultural and the healthcare system challenges will be explored in regards to rural locations. The barriers and possible solutions to these barriers will be discussed in order to provide adequate health care to our rural communities. The role of the rural health nurse will be discussed with relationship to the high level of autonomy which characterizes the rural health nurse.

NURS 4899 – Special Topics in Nursing
3 credit hours (3 theory)
Prerequisites: Completion of Term II (Accelerated Option); Completion of Term III (Upper Division Option); Admission to RN BSN Program
Provides opportunity to explore a subject that is topical or of special interest and not ordinarily comprehensively covered within the nursing major curriculum.

NURS 4925 – Women’ Health Issues: Violence and Abuse in Relationships
3 credit hours (3 theory)
Examines the sociocultural implications of violence within social relationships. Particular emphasis placed on patterns of abuse and its effect on women and women's health. Services within the community responses of the justice system are examined and analyzed. Examines the health care provider's role in primary, secondary and tertiary level interventions.

NURS 4999 - Independent Study
1-6 credit hours (Variable theory or practicum)
Self-directed learning in a topical area not offered during the enrollment period or to augment prior learning. Requires 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.
**MSN COURSES**

**NURS 5001 - Graduate Physiology**
4 credit hours (4 theory)
Prerequisite: Undergraduate anatomy and physiology
This course is designed to provide students with knowledge of advanced principles and concepts relevant of the normal functions of the major organ systems. These principles are analyzed at the cellular, organ, and system levels.

**NURS 5010 - Graduate Anatomy**
5 credit hours (3 theory/2 clinical)
Prerequisite: Undergraduate anatomy and physiology, admission to the Nurse Anesthesia concentration
Designed to provide students with the anatomical foundations to administer safe anesthesia to the surgical patient. In the laboratory setting, students perform dissections on the cadaver to broaden their knowledge about human anatomy.

**NURS 5100 - Financial Management in Healthcare**
3 credit hours (3 theory)
Focuses on financial management and analysis of healthcare programs and operations. The role of financial information in the conceptualization, operationalization and evaluation of a healthcare organization's mission and vision is explored. The impact of managed care on healthcare delivery is examined.

**NURS 5101 - Advanced Pathophysiology for Primary Care**
3 credit hours (3 theory)
Prerequisites: Undergraduate Pathophysiology or graduate Physiology, All Compliance Documentation
Provides the basis for understanding the pathophysiology of underlying diseases and the changes in normal function that result in symptoms indicative of illness. Emphasis is placed on correlating symptoms and other health data with pathophysiological processes to formulate diagnostic hypotheses.

**NURS 5103 - Advanced Pathophysiology**
4 credit hours (4 theory)
Prerequisites: Admission to the Adult Gerontology Acute Care Nurse Practitioner Concentration or the Nurse Anesthesia Concentration
This course covers the structural, biochemical, and functional changes in cells, tissues, and organs that underlie disease in adult and geriatric patients. Diseases are explored 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 explaining not only disease symptomatology and diagnosis, but also providing rationale for clinical care and treatment strategies.

**NURS 5109 – Advanced Pharmacology**
3 credit hours (3 theory)
Prerequisite: Admission to the MSN program
Examines advanced pharmacologic principles, including pharmacogenetics and therapeutic categories of medications commonly used and/or prescribed in the acute care or perioperative setting.

**NURS 5110 - Pharmacotherapeutics**
3 credit hours (3 theory)
Emphasis is placed on the knowledge and skills to assess, diagnose, and manage common acute and chronic health problems in the adult and geriatric adult patient in the primary care setting utilizing pharmacologic therapy. The integration of pharmacology principles, pharmacokinetics, pharmacodynamics, pharmacogenomics, pathophysiology, symptomatology, and client needs in prescriptive practice is addressed. The selection of drug therapy, use of monitoring parameters, the provision of client education, and the adherence to legal principles are emphasized.
NURS 5121 - Advanced Health Assessment
3 credit hours (2 theory/1 practicum)
Prerequisite: Health Assessment, Pathophysiology or equivalents, All Compliance Documentation
Provides the foundation for integrating health history, physical and psychological assessment pathophysiological changes and psychosocial variations into a comprehensive health assessment of the patient. The assessment will be used to determine health and risk status, develop health promotion strategies, and establish priorities of care. Includes 64 clinical hours.

NURS 5122 - Advanced Fetal and Neonatal Health Assessment
3 credit hours (2 theory/1 practicum) (64 contact hours of lab/practicum)
Prerequisite: NURS 5102, 5112, 5121, All Compliance Documentation
Provides the foundation for integrating health history, physical and psychological assessment, pathophysiological changes and psychosocial variations into a comprehensive health assessment of the patient. The assessment will be used to determine health and risk status, develop health promotion strategies, and establish priorities of care. Includes 64 clinical hours.

NURS 5215 - Health Promotion in Individuals and Vulnerable Populations
3 credit hours (3 theory)
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 life span among diverse individuals, families and populations.

NURS 5223 - Health Care Policy and Ethics
3 credit hours (3 theory)
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 credit hours (3 theory)
The scientific basis for examining concepts and theories of organizational, systems, and business leadership are explored. The development of skills essential for effective leadership across health care settings are presented. 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 credit hours (3 theory)
Examines biostatistical methods, emphasizing interpretation. Parametric and non-parametric methods of data analysis are presented, together with statistical inference and multiple linear and logistic regression modeling approaches. Fundamental principles and methods of epidemiology are integrated throughout the course content.

NURS 5250 - Evidence-Based Practice and Research
3 credit hours (3 theory)
Prerequisite: 5240
The scientific basis for analyzing and using research to optimize the effectiveness of evidence-based health care is explored. The essentials of the research process and evidence-based practice, and exploring the relationships among theory, research, and practice are examined, analyzed, and synthesized.

NURS 5501 - Principles of Teaching and Learning
3 credit hours (3 theory)
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.
NURS 5505 – Human Resources Management
3 credit hours (3 theory)
An introduction to the human resources function. Emphasis is placed on the importance of HRM and the new “corporate view” of the function. The student will be exposed to the view of HRM from the perspective of both management and subordinate employees. The student will be exposed to practical situations and problem-solving regarding areas of employee counseling, discipline and termination. Equal Employment Opportunity will be discussed in order for the student to understand its need, importance and the legal issues surrounding it. Other critical areas of training and development, staffing and strategy will also be explored.

NURS 5511 - Curriculum Design, Development and Implementation
3 credit hours (3 theory)
The purpose and function of curricula are examined in this course. The history of curriculum and the theoretical basis for curricular study are explored. Assumptions, methods and resources in the design, implementation and evaluation of various curricula in professional health education are analyzed.

NURS 5521 - Roles and Issues in Education
3 credit hours (3 theory)
Professional roles, trends and issues in education are explored. Analysis of legal and ethical issues, which impact educational practices in various settings is emphasized. Leadership skills to influence and manage change are developed.

NURS 5531 - Seminar and Clinical in Teaching Strategies
5 credit hours (3.5 theory/1.5 practicum)
Prerequisites: NURS 5501, 5511, 5521, 5540
Students are provided the opportunity to gain practical experiences in diverse aspects of the educator role. Skills in teaching, and in the development, implementation, and evaluation of educational programs are refined.

NURS 5540 - Computer Technologies for Educators
3 credit hours (3 theory)
Prerequisites: NURS 5501
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.

NURS 5541- Advanced Pathophysiology, Health Assessment, and Pharmacy for Nurse Educators
5 credit hours (5 theory)
Prerequisites: Health Assessment, Pathophysiology, Pharmacology, All Compliance Documentation
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.

NURS 5602 – Acute Care I
3 credit hours (3 theory)
Prerequisites: NURS 5121, 5240
Co-requisite: NURS 5603, 5605
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 diagnoses, 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.
NURS 5603 – Acute Care I Clinical
3 credit hours (3 practicum) (168 clock hours)
Prerequisites: NURS 5121, 5240, all compliance documentation
Co-requisite: NURS 5602, 5605
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.

NURS 5605: Invasive Procedures and Skills
2 credit hours (1 theory/1 clinical)
Prerequisites: NURS 5121, 5240, all compliance documentation
Co-requisites: NURS 5602, 5603
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.

NURS 5612 – Acute Care II
3 credit hours (3 theory)
Prerequisites: NURS 5602, 5603, 5605
Co-requisite: NURS 5613
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 traumatic injuries and those diseases related to the endocrine, renal, gastrointestinal, and hematologic systems will be explored utilizing various educational technologies. The influence of genetics on disease processes will be incorporated.

NURS 5613 – Acute Care II Clinical
3 credit hours (0 theory/3 practicum) (168 clock hours)
Prerequisite: NURS 5603, all compliance documentation
Co-requisite: NURS 5612
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 health conditions in a variety of acute and critical care settings.

NURS 5614 – Acute Care III Clinical
5 credit hours (0 theory/5 practicum)
Prerequisite: NURS 5613
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.

NURS 5701 - Basic Principles of Anesthesia #2
3 credit hours (2 theory/1 clinical)
Prerequisite: NURS 5700: Basic Principles of Anesthesia #1, All Compliance Documentation
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.

NURS 5710 - Chemistry and Physics Applied to Anesthesia
3 credit hours (3 theory)
Prerequisite: Admission to the Nurse Anesthesia Concentration, undergraduate Organic Chemistry or Biochemistry and Physics Survey course designed to help the nurse anesthesia student begin integration of the principles of chemistry, biochemistry and physics into the practice of anesthesia.
NURS 5720 - Professional Aspects of Nurse Anesthesia  
3 credit hours (3 theory)  
Prerequisite: Admission to the Nurse Anesthesia Concentration  
Presents multiple roles of the advanced practice nurse, especially the nurse anesthetist. Principles of education, legal issues, ethical and cultural issues, management, leadership, consultation, and collaboration will be discussed.

NURS 5740 - Clinical Correlation Conferences  
1.5 credit hours (1.5 theory)  
Prerequisite: Admission to the Nurse Anesthesia Concentration  
Co-requisite: NURS 5733  
This course examines a variety of anesthesia and perioperative-related topics with an emphasis on certification examination review.

NURS 5741 - Clinical Correlation Conferences  
1.5 credit hours (1.5 theory)  
Prerequisite: Admission to the Nurse Anesthesia Concentration  
Co-requisite: NURS 5734  
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.

NURS 5805 – Primary Care I  
3 credit hours (3 theory)  
Prerequisite: 3 of 4 MSN core courses: NURS 5101, 5110, 5121  
Co-requisite: NURS 5808  
This course 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, health promotion and 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 in the evaluation and management of integument, cardiovascular, pulmonary, diabetic, gynecologic and neurologic disorders as well as a review of common aging syndromes.

NURS 5808 – Primary Care I Clinical  
3 credit hours (3 practicum)  
Co-requisite: NURS 5805, All Compliance Documentation  
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 problems. Includes 168 clinical hours.

NUR 5810 - Organizational Behavior and Administration  
3 credit hours (3 theory)  
Prerequisites: 2 of 4 MSN core courses  
Exploration of advanced organizational behavior theories and their application to management and employee interactions, specific to health care organizations. Emphasis is placed on the three determinants of human behavior in organizations: individuals, groups, and structure. The student will be exposed to practical situations and problem solving regarding the work of people in organizations and how their behavior affects the organization's performance.

NURS 5811 – Applied Economics and Finance  
3 credit hours (3 theory)  
An economics lens will be used to study healthcare financing and trends in pay-for-performance, penalties-for-variation, shared savings 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 credit hours (3 theory)
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 credit hours (3 theory)
Human resource management and related workplace ethics will be explored. The importance of human resource management inclusive of knowledge for application while collaborating with interprofessional 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 credit hours (3 theory)
Prerequisites: 5815
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 Applications
3 credit hours (3 theory)
The role of technology and information management in decision-making and clinical applications will be analyzed. Comprehensive strategies in health care 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 credit hours (1 theory/2 practicum)
Prerequisites: All courses in the program
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 5825 – Evaluation and Management of Musculoskeletal and Rheumatologic Conditions
3 credit hours (3 theory/on-line)
Theoretically presents advanced rheumatologic and musculoskeletal concepts including the assessment, evaluation, and management of common and rare rheumatologic conditions with an emphasis on developing the required expertise in caring for individuals with rheumatologic conditions. This course involves collaboration among the Goldfarb School of Nursing at Barnes-Jewish College, Washington University School of Medicine (USM) Division of Rheumatology, and BJC Healthcare.

NURS 5826 – Clinical Evaluation and Management of Musculoskeletal and Rheumatologic Conditions Clinical Component
1.5 credit hours (1.5 clinical hours)
Clinically presents advanced rheumatologic and musculoskeletal concepts including the assessment, evaluation, and management of common and rare rheumatologic conditions. The emphasis is on developing the required expertise in caring for individuals with rheumatologic conditions. This course involved collaboration among the Goldfarb School of Nursing at Barnes-Jewish College, Washington University School of Medicine (USM) Division of Rheumatology, and BJC Healthcare. (Includes 84 clinical hours).
NURS 5850 - Advanced Principles of Nursing Administration  
3 credit hours (3 theory)  
Designed to prepare nurses for advanced practice in nursing administration. Introduces the principles, concepts and specific practices used by nurse administrators. The course will assist students to apply general management theory to the management of nurses and nursing organizations. The organization and delivery of health care services through various structural systems will be discussed.

NURS 5890 - Management of Advanced Nursing Practice  
3 credit hours (3 theory)  
Prerequisites: NURS 5805, 5808  
Co-requisites: NURS 5968  
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.

NURS 5900 - The Moral Foundations of Nursing  
3 credit hours (3 theory)  
Traces the development of select moral concepts for nursing: care, trust, hope and advocacy. Moral concepts are explored by examining the nursing literature: theoretical, descriptive, anecdotal and research. This investigation of the moral center of nursing utilizes both principle-based and narrative ethical analysis, theory evaluation and concept analysis. Emphasis is placed on researchable questions in the context of a morally evolving mandate for the nursing profession.

NURS 5905 – Advanced Concepts in Spirituality  
3 credit hours (3 theory)  
Prerequisites: Admission to Graduate Program  
Analyzes the phenomenon of spirituality and the related concepts of hope, meaning, community, and sense of the “holy other.” Selected research from the growing body of literature on the relationship between spirituality and healing is analyzed and evaluated. Using multi-cultural, historical and contemporary fictional and non-fictional literature, and readings from theological and psychological sources, learners develop an understanding of multiple expressions of spirituality and their relationship to personal or communal health. Emphasis is placed on learner identified phenomenon related to expressions of spirituality in health care contexts and professional practice.

NURS 5910 – Research and Theory Integration  
3 credit hours (3 theory)  
Prerequisites: NURS 5215, 5240, 5250  
Focuses on theory integration, evidence-based research, and dissemination with the goal of addressing health care issues and concerns. Students will use scholarly literature to identify best practice and design an evidence-based project, or students may identify gaps in current literature and design a research proposal. The goal is to identify ways to improve practice and associated health outcomes for patient aggregates.

NURS 5910X – Research and Theory Integration Extension  
1 hour (for billing purposes; no academic credit)  
Non-credit extension of NURS 5910 to allow student continuous enrollment while completing scholarly project.
NURS 5965 – Primary Care II
3 credits (3 theory)
Prerequisites: NURS 5805, 5808, All Compliance Documentation
Co-requisite: NURS 5968
Provides the essential foundation for the provision of primary health care to adult and adult-geriatric clients. The course integrates health screening, health promotion and illness management within the primary care advanced practice nursing role. Critical thinking and differential diagnosis are emphasized. The focus is on delivery of evidence-based care in the evaluation and management of endocrine, hematologic, cardiovascular, genitourinary, gastrointestinal, psychological, oncological, and primary care emergent disorders as well as a review of infectious disease and palliative care practices.

NURS 5968 – Primary Care II Clinical
3 credit hours (3 practicum)
Prerequisites: NURS 5805, 5808 (or completion of a minimum of 210 clinical hours in NURS 5808), All Compliance Documentation
Co-requisite: NURS 5965
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.

NURS 5970 – Primary Care III Clinical
3 credit hours (3 practicum)
Prerequisite: NURS 5968
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.

NURS 5985 - Cancer Politics: A Critical Perspective
3 credit hours (3 theory)
To introduce students to cancer policy, moving toward a deeper understanding of critical social-political issues affecting the management and delivery of cancer services, prevention strategies and research priorities in the United States. Analysis of existing policies addressing carcinogens will be emphasized. Social, economic and ethical issues related to cancer care will be explored with emphasis on governmental, media and trade industry response. Students develop a critical social perspective to explore their own contributions to policy making, clinical practice and research, and to develop their own roles as oncology patient advocates.

NURS 5999 – Independent Study
1-6 credit hours (Variable theory or clinical)
Self-directed learning in a topical area not offered during the enrollment period or to augment prior learning. Requires 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.
GRADUATE ELECTIVE COURSES

NURS 5000A - The Adult Learner: Philosophies in Adult Education
3 credit hours (3 theory)
Prerequisite: Admission to graduate studies
Designed to aid any student who is or will be helping adults learn in either an occupational, professional, or educational setting. Selected methods of student-centered, active learning instructional techniques will be used, including reflective practice. Current research will be examined and applied to problems, issues, programming, curriculum development, culturally competent approaches, and instructional practice in adult education. This course will allow the student to identify the implications of these characteristics and theories on adult education research, programming, and instructional practice.

NURS 5000B – Clinical Instruction in Nursing
3 credit hours (3 clinical)
Prerequisite: Admission to graduate studies
Explores effectively applying nursing knowledge in the practice setting. Faculty roles and responsibilities in identifying, implementing, guiding, and evaluating application experiences in a variety of settings are addressed. Focus is on the pre-licensure clinical experience.

NURS 5000C - Palliative and End-of-Life Care and Communication Strategies
3 credit hours (3 theory)
Prerequisite: Admission to graduate studies
Explores the affective, philosophical, cultural, spiritual, and economic dimensions of palliative and end-of-life care. Learners investigate individual aspects of dying, communication strategies, symptom management, family care, bereavement, ethical/legal issues, and the development of skills needed for the care of dying people and those in their lives. Palliative and end-of-life care is presented as part of the full continuum of health care and dying as a part of the full continuum of life.

NURS 5000D – Key Competencies for the Nurse Executive: Cost, Quality and Service
3 credit hours (3 theory)
Prerequisite: 2 of the 4 MSN core courses (NURS 5208, 5217, 5227, 5256)
Explores principles, concepts, and specific strategies related to health care cost, quality and service. Students explore methods to apply these key competencies to the leadership of nurses and health care organizations.

NURS 5000E – Culture, Context and Vulnerability in Nursing Practice
3 credit hours (3 theory)
Prerequisite: Admission to graduate studies
Focuses on culture, socio-economic status (SES), and other personal and contextual factors that influence the health and illness experiences of individuals and communities. Domestic and global issues (e.g., access – and use of – health care resources) are explored with a focus on health disparities. Students are encouraged to examine their own cultural heritage and life trajectories to build a basis for understanding the life narrative of others, with an emphasis on the most vulnerable populations. A variety of learning experiences are will assist the learner to assess one’s own socio-historical and cultural background, understand health and illness care practices of select populations, and apply theoretical frameworks for developing and implementing nursing interventions to reduce health disparities.

NURS 5000F – Interpretation of Laboratory Data
3 credit hours (3 theory)
Prerequisite: Advanced Pathophysiology
Emphasis is placed on interpreting laboratory data within the clinical setting. Examines common parameters that affect laboratory tests and relates laboratory test results to pathophysiology.

NURS 5099 – Special Topics in Nursing
3 credit hours (3 theory)
Prerequisites: Admission to Graduate Program; approval of Assistant Dean
Provides opportunity for graduate students to explore a subject that is topical or of special interest and not ordinarily comprehensively covered within the nursing major curriculum.
NURS 5099A – Special Topics in Nursing: Simulation in Nurse Residency Programs
3 credit hours (3 theory)
Prerequisites: Admission to Graduate Program; approval of Assistant Dean
Provides immersion in simulation research focusing on its utilization in nurse residency orientation. Students will work closely with faculty to develop, implement and analyze effectiveness of simulation scenarios with new graduates transitioning to the nursing role.
DNP COURSES

NURS 6300 – Epidemiology
3 credit hours (3 theory)
Prerequisite: NURS 6505 Biostatistics for Advanced Practice
Principles and methods of epidemiology related to individual, aggregate, and population health are explored. Investigative ethical methods of epidemiology in determining health services and planning activities in a defined population are evaluated. Analysis of epidemiological data is conducted.

NURS 6325 – Healthcare Informatics and Economics
3 credit hours (3 theory)
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 credit hours (3 theory)
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 credit hours (3 theory)
Population vulnerability is analyzed from a position of health equity and disparity. Models for exploring population health from economic, clinical, and geographic perspectives are examined using a health systems and clinical management view. Students are exposed to advanced nursing and clinical interventions that influence population well-being. Health outcomes and potential data sources for measuring clinical and organizational impact are explored.

NURS 6500 – Leadership in Transforming Health Systems
3 credit hours (3 theory)
Prerequisite: Admission to the DNP Program
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.

NURS 6505 – Biostatistics for Advanced Practice
3 credit hours (3 theory)
Prerequisite: Admission to the DNP Program
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.

NURS 6506 – DNP Clinical Experience I
3 credit hours (3 clinical)
Prerequisite: Admission to the Nurse Anesthesia Concentration
Provides hands-on delivery of basic anesthesia care to surgical patients under the direct supervision of a Certified Registered Nurse Anesthetist and/or anesthesiologist.

NURS 6507 – DNP Clinical Experience II
3 credit hours (3 clinical)
Prerequisite: DNP Clinical Experience I
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.
NURS 6508 – DNP Clinical Experience III
4 credit hours (4 clinical)
Prerequisite: DNP Clinical Experience II
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.

NURS 6509 – DNP Clinical Experience IV
5 credit hours (5 clinical)
Prerequisite: DNP Clinical Experience III
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.

NURS 6510 – DNP Clinical Experience V
5 credit hours (5 clinical)
Prerequisite: DNP Clinical Experience IV
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.

NURS 6511 – DNP Advanced Health Assessment for Nurse Anesthetist
3 credit hours (2 theory/1 clinical)
Prerequisites: Undergraduate Health Assessment
The purpose is to develop comprehensive history, physical, psychological, 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 with consideration of the individual, family, and community.

NURS 6512 – DNP Advanced Pharmacology and Anesthesia
3 credit hours (3 clinical)
Prerequisite: Admission to the Nurse Anesthesia Concentration
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 pharmacological agents.

NURS 6513 – DNP Advanced Principles of Anesthesia I
3 credit hours (3 theory)
Prerequisite: DNP Basic Principles of Anesthesia #2
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.

NURS 6514 – DNP Advanced Principles of Anesthesia II
3 credit hours (3 theory)
Prerequisite: DNP Advanced Principles of Anesthesia I
Continues to utilize the synthesis of advanced principles of anesthesia to enhance clinical judgement and implementation of nurse anesthesia practice. Students analyze principles for a variety of surgical procedures across the life span.

NURS 6515 – DNP Basic Principles of Anesthesia I
1 credit hour (1 theory)
Prerequisite: Admission to the Nurse Anesthesia Concentration
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.
NURS 6720 – Promoting Evidence-based Practice I
3 credit hours (2 theory/1 clinical)
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 credit hours (2 theory/1 clinical)
Prerequisite: NURS 6720
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.

NURS 6740 – Promoting Evidence-based Practice III
3 credit hours (2 theory/1 clinical)
Prerequisite: NURS 6730
This is the final of three practicum courses which emphasizes developing and demonstrating leadership within the framework of the DNP role. Leadership is demonstrated by the implementation, data collection, and data analysis for the student’s approved DNP project.

NURS 6800 – DNP Project
3 credit hours (3 theory)
Prerequisite: NURS 6730, NURS 6740
The focus of this final course is on the process of disseminating the outcomes of the DNP project. Reflection of the DNP project immersion experience as it relates to the essentials of doctoral education for advanced nursing practice and program outcomes is emphasized.
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