GRADUATE PROGRAMS OF NURSE ANESTHESIA

Tito Tubog CRNA, DNAP, Interim Director of GPNA
Paul Austin, CRNA, Ph.D., Director of DNAP Curriculum

Degrees and Programs Offered

MHS	Master of Health Science
MSNA	Master of Science in Nurse Anesthesia
DNAP	Doctorate of Nurse Anesthesia Practice

OTHER PROGRAMS
CRNA BS to DNAP Bridge Program*
Certificate for Nurse Anesthesia Educators

*At the time of catalog print, the addition of the BS to DNAP program is pending approval from the COA.

Mission

The mission of the Graduate Programs of Nurse Anesthesia (GPNA) is to teach and contribute to the science and practice of anesthesia at the master's and doctoral level by placing strong emphasis on academics for all students and rigorous clinical training for entry level students. We strive to foster an environment where student learning is encouraged and actively supported. We endeavor to graduate individuals with a strong working knowledge of the health care environment and who are highly qualified anesthesia providers.

Nurse Anesthesia Program

In 1947 a certificate program in nurse anesthesia was founded at Harris Hospital. The Harris Hospital School of Anesthesia affiliated with Texas Wesleyan College in 1982. At that time Texas Wesleyan awarded a Master of Health Science to students completing Phase I in the Harris Hospital Methodist Graduate Program of Nurse Anesthesia.

In 1986, Texas Wesleyan College assumed control of the Nurse Anesthesia Program. Harris Methodist Fort Worth continues to be a primary clinical site. St. Francis Regional Medical Center, Wichita, Kansas, became the second primary clinical site in 1989. Currently there are over 24 primary clinical sites in eleven states.

ACCREDITATION

Graduate Programs of Nurse Anesthesia are accredited by the Council on Accreditation (COA) of Nurse Anesthesia Educational Programs, a specialized accrediting body recognized by the Council for Higher Education Accreditation and the U.S. Department of Education. The Council on Accreditation is located at 222 South Prospect Avenue, Suite 304, Park Ridge, IL 60068-4010 and can be reached at 847/692-7050, via fax at 847/692-7137, or at http://home.coa.us.com. Date of last review: 10/2011; Date of next review: 10/2021.

The standards and guidelines for accreditation of nurse anesthesia educational programs/schools endorsed by the COA are guidelines for Texas Wesleyan University to follow and in no way constitute a contract between students and any member of the Graduate Programs of Nurse Anesthesia or Texas Wesleyan University, and should not be construed to give rise to any liability of Texas Wesleyan University to any student enrolled in the Graduate Programs of Nurse Anesthesia.

The name of the program, as recognized by the COA, is Texas Wesleyan University, Graduate Programs of Nurse Anesthesia. In recognition of the position that clinical sites hold in the program, Primary Clinical Sites may refer to their affiliation with the program or the University as Texas Wesleyan University / Site Name, Graduate Programs of Nurse Anesthesia, i.e. Texas Wesleyan University / Harris Methodist Fort Worth, Graduate Programs of Nurse Anesthesia. No other name will be recognized or advertised by the program or its affiliates. Any materials published by the affiliating institutions that refer to the program must be approved by the Program Director. The program administration will be responsible for monitoring compliance with this policy.

Program Goals

CERTIFICATE FOR NURSE ANESTHESIA EDUCATORS

The goal of the Certificate Program for Nurse Anesthesia Educators is to provide Nurse Anesthetists with an evidence-based foundation for teaching, learning, curriculum implementation, and critical evaluation of education.

MASTER OF HEALTH SCIENCE

The goal of the Master of Health Science program is to enhance the academic knowledge of baccalaureate prepared practicing nurse anesthetists.

MASTER OF SCIENCE IN NURSE ANESTHESIA

The goal of the Master of Science in Nurse Anesthesia is to prepare the Professional Nurse to become a Certified Registered Nurse Anesthetist who is ready to assume an advanced role on the healthcare team. Graduates are candidates for certification as Registered Nurse Anesthetists.

DOCTORATE OF NURSE ANESTHESIA PRACTICE

The goal of the Doctorate in Nurse Anesthesia Practice program is to provide the master's prepared Certified Registered Nurse Anesthetist with the knowledge to enhance his/her clinical, administrative and/or educational skills at a doctoral level.

Program Philosophy

Academics and rigorous technical education are emphasized as important components of the science and practice of anesthesia. Our graduates must have capabilities beyond mastery of these components. A student environment that encourages understanding more than memorization of facts is constantly promoted. The student is not treated as the object of learning but as a colleague in the learning process. The graduate program

is a place where new ideas and self-confidence are encouraged so that the student may learn judgment and the importance of responsibility.
Intellectual skills and technical expertise are not enough. Our graduates are entrepreneurial, creative, and flexible in applying their profession to a quickly changing health care environment for now and the future.

RIGHTS AND RESPONSIBILITIES

The Applicant has the right to:

- expect honesty from the program and the program's publications;
- expect fair and equal evaluation and consideration when applying for a position in the program

The Student has the right to:

- expect quality, appropriate education;
- be represented in the educational process;
- be regarded as a professional member of the health care community;
- receive fair and objective evaluations; and
- exercise due process of appeal.

In addition, the Student has the responsibility to:

- demonstrate a professional manner at all times;
- adhere to regulations and policies as set forth in the policy manuals of Texas Wesleyan University and affiliating clinical settings; and
- adhere to the Student Handbook for her/his program.

Academic Policies

ACADEMIC INTEGRITY AND CODE OF CONDUCT

Students are required to adhere to all of the following:

- Code of Conduct in the program specific student handbook provided at orientation. The student handbook policies and disciplinary actions will take precedence over other University publications where a conflict exists;
- Academic Integrity policy in the Graduate Catalog;
- Professional Code of Ethics published by the American Association of Nurse Anesthetists and individual state nursing licensure codes;
- Clinical Residents must comply with facility and federal regulations for patient care and professional conduct.

COMPUTER REQUIREMENTS

All students must maintain a working computer, Internet access, and a printer. Course syllabi, notes and examinations will be provided/conducted on-line. Accessing and printing class material is the student's responsibility. Lecture back-up streaming video is available only with high-speed Internet access. Official communications between the program and students will utilize the Texas Wesleyan email address. Computer maintenance is the responsibility of the student, and computer malfunction will not constitute an excused absence from classroom participation or examinations. Technical support for University and learning platform systems is available 24 hours per day, seven days per

week. The Technical Assistance telephone number will be provided to all students and can be located on the Texas Wesleyan website.

The computer should be less than three years old, wireless enabled, use Windows 7 or newer operating system and run newer versions of Microsoft Office. All Texas Wesleyan Nurse Anesthesia classrooms are Wi-Fi enabled. All material is posted in Windows compatible format. MAC computers are permitted; however, users are responsible for their own compatibility issues.

- MSNA students must have a laptop and must have it with them in class at all times during both phases of training;
- In class monitors greater than 10 inches require a privacy screen;
- Radio controlled remote accessories are not permitted in the classroom but Bluetooth accessories are acceptable.

DISABILITY SERVICES

Students who have a physical or mental impairment that substantially limits a major life activity can apply for accommodation according to the policies and procedures for students with disabilities. See "University Policies" in the Graduate Catalog or contact the Director of the Counseling Center for specific information. Academic or physical adjustments will be implemented in accordance with University Policies.

Please Note: Students enrolled in an entry-level nurse anesthesia program, may not be provided an academic adjustment or accommodation that would alter or waive the essential didactic and clinical professional requirements including the intellectual and physical competency standards for Certified Registered Nurse Anesthesia Practice. These competency standards are included in the MSNA program requirements and provided to the students at orientation.

GRADING

Graduate students are required to maintain an overall grade point average of 3.0 on a 4.0 scale. Individual program requirements are detailed in the program's Student Handbook and as follows:

- Grading criteria for each course will be identified in the course syllabus;
- Degree seeking students may have no more than two "C" grades and no grades below "C";
- In the MHS, CNAE, and DNAP programs: A grade lower than "B" may be raised by repetition of the course; a re-examination to raise the course grade is not permitted. Any course that is repeated must be retaken from Texas Wesleyan University. A course may be repeated only once;
- Single course repetition is not an option for MSNA students. MSNA students with course grades that do not meet program criteria are subject to program dismissal. Readmission policies are available in the student handbook and from the program Director;
- The student must pay full tuition and fees for all courses retaken to achieve a higher grade;
- MSNA students must have an overall GPA of 3.0 in Phase I to matriculate to Phase II;

- MSNA Students must earn a course grade of "B" in critical anesthesia content. These courses are identified in the MSNA program requirements;
- Incompletes "I" are issued and resolved according to Texas Wesleyan University policies detailed in the graduate catalog.

GRADUATE ADVISORY COMMITTEE

The Graduate Programs of Nurse Anesthesia Committee recommends policy, hears appeals, evaluates and amends curriculum, reviews applications for admission, and determines acceptance for nurse anesthesia programs. Membership includes:

- Program Director
- Associate Program Director
- Director of DNAP Curriculum
- Assistant Program Director
- Contributing Faculty in the Graduate Programs of Nurse Anesthesia
- Contributing Graduate Faculty from University departments providing academic support where appropriate.
- Provost (ex-officio)
- CRNA and MDA clinical faculty function as admission committee members for the MSNA program.

GRADUATE FACULTY

The graduate faculty is comprised of faculty members whose experience and record of scholarship qualify them to offer graduate instruction. The graduate faculty, through teaching and research, encourage and contribute to the advancement of knowledge. Individuals appointed to the graduate faculty hold the highest degree in their field except in those cases where a person possesses special knowledge or has had unique experiences. The graduate faculty is appointed by the Provost upon recommendation of the Faculty Committee on Graduate Programs and with approval of the Director of the Graduate Programs of Nurse Anesthesia.

Each anesthesiologist/CRNA serving on the staff or employed by an affiliating hospital is considered an adjunct clinical instructor.

INTERNATIONAL STUDENTS

International applicants should refer to the section titled "Admission of International Students" in this catalog and contact the Office of International Programs for an International Student Application Packet. Address: Office of International Programs, Texas Wesleyan University, 1201 Wesleyan Street, Fort Worth 76105-1536, USA. Telephone: 817/ 531-5868; e-mail: oneworld@txwes.edu.

PROVISIONAL ACCEPTANCE

Qualified applicants may be accepted into programs offered by the Graduate Programs of Nurse Anesthesia on a provisional basis pending the completion of the admission criteria. Any applicant who is admitted on a provisional basis must complete all required items prior to the start of the program. Applicants that fail to complete the requirements by the start of the program will not be admitted into the program and must reapply to be considered for future start dates.

SCHEDULE CHANGES (DROP/ADD/WITHDRAWAL)

Schedule changes, including adding or withdrawing from a class will follow the University's dates and procedures provided in the Graduate Catalog. However, on or after the first class day, any adding or dropping must be done through the Graduate Programs of Nurse Anesthesia office. Request for course schedule changes may be faxed to 817/531-6508 for approval and processing. Email requests may be also submitted for approval and processing.

TIME LIMITATION

MSNA: All Phase I laboratory and course work must be completed with a 3.0 GPA in the 12 months immediately preceding Phase II to be eligible to proceed into Phase II clinical residency. Phase II is completed in a 16 month, full-time clinical anesthesia residency. Students who are not successful in Phase I may apply for readmission. Students with extenuating circumstances in Phase II may apply for a temporary Leave of Absence. Readmission and Leave of Absence Policies are available in the program's Student Handbook and from the Program Director.

DNAP and MHS: Graduate courses expire within seven years from the date of course completion shown on the transcript, no course may be more than seven years old.

CNAE: Certificate Program for Nurse Anesthetist Educators courses expire within five years from the date of course completion shown on the transcript.

In the event that a required course in a completion program is no longer offered, a substitute course of similar content must be taken in its place. Approval to take a substitute course must be obtained from the Director or Associate Director of the Graduate Programs of Nurse Anesthesia.

TRANSFER CREDIT

Candidates for the Doctorate of Nurse Anesthesia Practice (DNAP), the Master of Science in Nurse Anesthesia (MSNA), and the Certificate Program for Nurse Anesthesia Educators (CNAE) must complete all program requirements at Texas Wesleyan University. No course or clinical work will be accepted through transfer of credit from another institution.

Candidates for the Master of Health Science (MHS) may transfer 15 credit hours with approval of the Director, Graduate Programs of Nurse Anesthesia.

TUITION, FEES & FINANCIAL OBLIGATIONS

The tuition and fees are set by Texas Wesleyan University and can be found in the Expenses section of the Graduate Catalog. All tuition and fees are subject to change without written notice. Information regarding charges and payment of accounts is available in the Expenses section of the Graduate Catalog.

Graduate Programs of Nurse Anesthesia have additional fees related to course or clinical requirements. Those fees can be found in the degree requirement section of this document. The student is responsible for all books, supplies, and equipment as required by instructors.

A student who is withdrawn from classes regardless of reason (academic or due to financial obligations, among others) may not continue a clinical residency, the clinical site will be notified and the student's clinical privileges will be suspended until the financial situation is resolved. Any clinical time missed due to a suspension of privileges will count as missed clinical time and may delay or prevent program completion.

MASTER'S PROGRAMS IN NURSE ANESTHESIA

Faculty

Michele Ardigo
Dion Galbadon
Terri Kane
Debra Maloy
Ricardo Rodriguez
James Schmidt
Tito Tubog, Director

Degrees Offered

MHS	Master of Health Science
MSNA	Master of Science in Nurse Anesthesia

MASTER OF SCIENCE IN NURSE ANESTHESIA (MSNA)

The Master of Science in Nurse Anesthesia program is designed for the Registered Nurse seeking the knowledge and skills necessary for entry into practice as a Certified Registered Nurse Anesthetist (CRNA).

The program is 28 months in length and front-loaded with an academic then clinical phase. Phase I begins in August and provides 12 months of academic and laboratory foundation for practice. Phase II, beginning the following August, is a 16 month full-time clinical anesthesia residency with the addition of one 2 hour advanced anesthesia principles class per semester.

Students awarded this degree are eligible to apply for the National Certification Examination administered by the National Board of Certification and Recertification for Nurse Anesthetists.

MASTER OF HEALTH SCIENCE (MHS)

The Master of Health Science Degree is designed to enhance the academic knowledge of baccalaureate prepared practicing nurse anesthetists who have returned to school to obtain a master's degree. To be awarded this degree, the student must successfully complete the Phase I curriculum. There is not a clinical component associated with this degree.

Baccalaureate prepared CRNAs may complete the program in as little as one year full-time or over seven years part-time. The program may be completed on campus or via distance education.

Admission to the MSNA Program

MASTER OF SCIENCE IN NURSE ANESTHESIA (MSNA)

Admission Criteria

Applicants must demonstrate that they possess the intellectual and professional knowledge and skills for successful completion of the program requirements. Admission criteria are as follows:

- Hold an earned baccalaureate degree from an accredited college or university;*
- Current unrestricted Registered Nursing license that is valid within one of the fifty states or U.S. territories;*
- Complete a minimum of one-year full-time critical care experience** as Registered Nurse by February 1st and within the last 3 years of the year of matriculation;
- Current Advanced Cardiac Life Support Certification;
- Current Pediatric Advanced Life Support Certification;
- GRE scores complete with writing score, reporting code 6828
- GPA: 3.0 (Overall or last 60 hours);
- A college level chemistry course within three years of matriculation;
- Three letters of reference;
- Personal essay in which the applicant demonstrates their professional development as a Registered Nurse in critical care and how they have prepared for an advance practice role as a nurse anesthetist;
- Professional Interview in which the applicant demonstrates their critical care knowledge and professional development.

* College or University Criteria

- Competitive standing is based in part on prior academic achievement. Degree requirements are accepted from accredited colleges or universities that assign grades on a 4.0 or similar per credit hour scale. Pass/Fail transcripts are not accepted;
- Clinical rotations in the MSNA program may require multiple state nursing licensure. The nursing degree that qualified the applicant for licensure as a registered nurse must have contained an integrated clinical curriculum to qualify for application.

** **Critical Care Experience** must be obtained in a critical care area within the United States, its territories or a U.S. military hospital. The RN must develop critical decision-making and psychomotor skills, competency in patient assessment, and the ability to use and interpret advanced monitoring techniques. RNs in critical care areas manage invasive hemodynamic monitors, cardiac assist devices, mechanical ventilation, vasoactive drips and critical care pharmacology on a routine basis.

Admission to the MSNA program and clinical site assignments are competitive. Well-qualified candidates as determined by Texas Wesleyan University will be offered an interview. Competition for admission changes with each application year, and all qualified candidates may not be offered an interview. Graduate Programs of Nurse Anesthesia reserves the right to deny an interview or admission to any applicant as determined by the Program Director and/or Admissions Committee. All decisions by this committee are final and not subject to appeal.

Selection Criteria

Applicants will be selected on a best-qualified basis as determined by the Program Director and/or the GPNA Admission Committee. The selection process is completed once a year for the next cohort.

Selection will be based upon the following criteria:

- Professional Interview
- Work experience
- GRE/GPA
- References
- Professional Certifications
- Personal Essay

Application Process

The following documentation must be submitted:

- Completed on-line application for Texas Wesleyan University, Graduate Programs of Nurse Anesthesia;
- Application fee, non-refundable;
- Official transcripts from ALL colleges and universities attended;
- GRE exam results officially submitted;
- Three references are required – one each from a physician, supervisor and academic instructor. Applicants who have attended but did not complete another nurse anesthesia program must submit a letter of reference from their prior program director;
- Current ACLS and PALS certifications;
- Personal Essay.

Time Line

Applications, check lists detailing submission requirements, and all forms are available on-line all year. Once an individual begins an application they create a user name and password that allows them to monitor their progress as requirements are received and processed.

Individuals are encouraged to submit their application materials early and monitor their process frequently. It is the individual's responsibility to insure that his/her application is complete if they wish to be considered for selection in the next program cohort.

1. The Master of Science in Nurse Anesthesia entry-level (RN to CRNA) program admits one class or cohort each August. General admission season and cohort selection runs from October to January in the year before matriculation;
2. The priority application deadline is October 15 in the year prior to matriculation. Well-qualified candidates submitting a completed application on or before October 15 will have an opportunity to compete for an early interview and priority clinical site selection;
3. Invitations to interview and appointments will be made by e-mail from October through January. Verification of interview appointment is expected within two weeks of notice;
4. Several clinical facilities participate in the program's interview process to ease the cost of travel for your interview and allow prospective students to meet clinical faculty as well as program

faculty. Clinical sites that interview on-site are identified on the program application form. Competitive clinical site interviews will be awarded on a best-qualified basis. Invitations to interview and appointments will be made by e-mail from October through November;

5. General admission decisions will be communicated to all students with current applications by e-mail on or before February 15th in the year of matriculation;
6. Early acceptance may be offered to exceptional candidates. All other admission policies continue to apply to candidates accepted early;
7. Accepted candidates must confirm their intention to enroll and acceptance of their assigned clinical site by submitting a nonrefundable $1000 deposit within 14 days of notification;
8. Completed applications will be evaluated on a space available basis in the year of matriculation.

Application Correspondence

gpna@txwes.edu; 817-531-4406
or
Texas Wesleyan University
Graduate Programs of Nurse Anesthesia
1201 Wesleyan Street
Fort Worth, Texas 76105-1536

Accepted Candidates Complete Credentialing

Accepted candidates who confirm their intention to enroll and acceptance of their assigned clinical site through e-mail and payment of the deposit will be required to complete several additional admission requirements related to credentialing for clinical residency. Accepted candidates will receive communications from the GPNA office with instructions related to the credentialing requirement process and will be able to monitor their progress on Radius Self Service Center as requirements are received and processed.

- Background Check
- Medical Questionnaire
- Malpractice Insurance Form
- Pre-requisite completion

Reapplication

Applicants who are not selected or do not enroll in the MSNA program cohort they were accepted in for <u>any</u> reason must reapply to be considered for another admission cycle. If the reapplication is within three years of the original application the following information must be submitted:

- Letter of intent and summary of your experiences;
- Reference from a supervisor (on our reference form);
- Official transcripts from colleges/universities that you may have attended since applying to our program;
- CCRN certification (if applicable);

It is unlikely for an applicant to be granted a third interview. Applicants who do not attend their interview or orientation, or who do not matriculate without notice will not be considered for reapplication. Texas Wesleyan

does not maintain application materials after a potential student informs the program that they have accepted enrollment in another program.

MASTER OF HEALTH SCIENCE (MHS)

The applicant must be a Certified Registered Nurse Anesthetist who holds current Certification/Re-certification recognition from the National Board on Certification and Recertification of Nurse Anesthetists (NBCRNA).

Admission Criteria:

- Possess an earned baccalaureate degree from an accredited college or university;
- Current CRNA Certification/Recertification;
- Current RN license that is valid within one of the fifty states or U.S. territories;
- GPA: 3.0 (Overall or last 60 hours);
- Professional references.

Selection Criteria

Applicants who meet admission criteria are accepted on a space available basis. Prospective students will be contacted and advised by the director of the program or her/his designee to facilitate course enrollment and academic program planning. Enrollment and registration are handled through the Graduate Programs of Nurse Anesthesia office. Applicants will be selected on a best-qualified basis as determined by the Program Director and/or the GPNA Advisory Committee. The decision of the Program Director and/or the GPNA Admissions Committee is final and not subject to appeal.

Application Process

The following documentation must be submitted:

- Completed on-line application for Texas Wesleyan University, Graduate Programs of Nurse Anesthesia;
- Application fee, non-refundable;
- Official transcripts from ALL colleges and universities attended;
- Two references are required: supervising anesthesia provider and a peer.

MSNA Policies and Expenses

BACKGROUND CHECKS & DRUG SCREENS

Patient safety is a primary consideration for Texas Wesleyan and all clinical affiliates. Consequently, background checks and drug screening are required for nurse anesthesia training participation. Students will be given instructions on how to complete a required background check with their admission information after they have accepted a position in the program. The background check must be completed using the system put in place by the program between the date of the acceptance letter and July 1st of the year the student is scheduled to start the program. All students may be required to complete and pass a background check at the completion of Phase I to meet the requirements of clinical training facilities. The cost of the initial background check is the students' responsibility. Clinical Affiliates reserve the right to deny training

applicants whose background check is unacceptable as determined by the Anesthesia Department or Hospital Administration.

Drug screens will be conducted on a random basis throughout the program. Students who refuse or fail a drug screen are not eligible to continue in the program. The Graduate Programs of Nurse Anesthesia follows state board of nursing regulations and the American Association of Nurse Anesthetist guidelines related to substance abuse in professional nursing. Substance abuse policies and education curriculum are available in the student handbook

NURSE ANESTHESIA PROFESSIONAL, INTELLECTUAL, AND CLINICAL COMPETENCIES

Texas Wesleyan University and the Graduate Programs of Nurse Anesthesia comply with the Americans with Disabilities Act and with Section 504 of the Rehabilitation Act of 1973 regarding its students with disabilities. It is the policy of Texas Wesleyan University that no student shall be denied access to or participation in the services, programs, and activities of the University solely on the basis of her or his disability. However, all students must be able to perform all of the didactic and clinical requirements of the curriculum as well as the physical competency standards with or without reasonable accommodations.

Didactic and clinical professional and physical competency standards include:

- **Ability to observe and communicate.** Nurse anesthetists must be able to observe, hear, and understand evidence about a patient's status quickly and accurately as well as communicate rapidly and clearly with patients, members of the healthcare team, and others;
- **Physical capabilities and motor skills.** Nurse anesthetists are required to move, transfer, and position patients and to locate and arrange equipment as needed; to be sufficiently mobile to provide care to several patients at a time, and to have sufficient dexterity, hand/eye coordination, and stamina to operate complicated instruments and perform proceedings for prolonged periods as necessary;
- **Cognitive skills and intellectual capacities.** Nurse anesthetists are able to understand complex medical information related to patient needs and care; to transcribe and communicate that information quickly and accurately; and to distinguish standard from nonstandard patterns of patient behaviors and responses;
- **Decision making skills.** Nurse anesthetists are expected to demonstrate the capacity to gather, organize, assess, prioritize, make decisions, and then act on information appropriately so as to facilitate the prompt and timely delivery of patient care;
- **Behavioral and social attributes.** Nurse anesthetists should exhibit professionally appropriate behaviors at all times with patients, members of the healthcare delivery team, and the public. These behaviors include capacities to establish rapport and trust including respect for team roles and norms; to preserve confidentiality; to communicate clearly with patients, other health care providers and the public; to complete work in a timely manner; and to demonstrate commitment to ensuring the quality of and upgrade the practice of nurse anesthesia;

- **Ability to complete above competencies in the work environment.** The operating room environment (including all anesthetizing areas) is loud and often chaotic. A nurse anesthesia provider, both CRNA and student, must be able to block out the confusion and maintain his or her patients' safety. This requires the nurse anesthesia provider to remain focused on the tasks at hand, evaluate and act in a timely fashion and communicate effectively with the other operating room personnel. At times of extreme stress, when the patient requires the full attention of the nurse anesthesia provider, additional time and a quiet environment cannot be given.

DISTANCE LEARNING OPTION

Distance learning is available to students in good academic standing who are assigned to clinical sites that have provided classrooms and clinical coordinator support for Phase I students. Classes are delivered live via two-way interactive video. Distance learning sites must be approved by the COA and SACSCOC.

Option 1: Phase I Spring and Summer semesters available through distance learning at selected Primary Clinical Site. Students who select this option attend the fall semester and one four day weekend in the summer at the Texas Wesleyan campus in Fort Worth. Clinical sites that offer this option are identified in the affiliate section of this document and on the application documents. (Available for spring and summer*)

Option 2: Phase I is available through distance learning at selected Primary Clinical sites. Students must travel to the Fort Worth campus to attend orientation, two full weeks during the fall semester, two weeks during the spring semester, and a four-day extended weekend in the summer. Clinical sites that offer this option are identified in the affiliate section of this document and on the application documents (Available for the full year.)

Distance Learning Policies for MSNA

- A minimum number of 2 distance-learning students are required for live interactive video broadcast to a clinical site;
- A student may take distance education courses at her/his assigned clinical training site only;
- Students must declare their intention to be a distance learner in advance so that laboratory experiences may be scheduled appropriately. Dates for distance learning selection are indicated in admission materials;
- Distance learning orientation is held each semester that includes the distance learning Code of Conduct;
- Phase I distance learners are welcome to return to on-campus attendance at any time if they feel distance learning is not meeting their education needs.

EMPLOYMENT

Although it is not recommended, students may be employed during their enrollment with the Graduate Programs of Nurse Anesthesia as long as there is no conflict in time between employment and program responsibilities. Students may not work the eight hours prior to anesthesia-committed time during Phase II. Under no circumstance may an RRNA be employed to practice anesthesia in either title or function.

EXPENSES AND FEES

The following approximate amounts are in addition to Texas Wesleyan University's tuition/fees listed on pages 33-34 of the Graduate Catalog:

Health insurance.....variable
Textbooks.....$2,500
Prodigy Review Fee.....300
Background checks.....100
American Association of Nurse Anesthetists Associate membership....200
NCE (certification exam) (approximate).....800
Peripheral nerve stimulator.....250
Electronic Materials Fee.....75
Advanced Nurse Practitioner endorsement..... 75-200
Housing during rotations.....variable
RN licensure during rotations.....variable

Most costs are estimates and are subject to change without written notice.

The student is responsible for all books, supplies, and equipment as required by instructors.

*The graduation fee must be paid even if the graduate does not participate in the commencement ceremony.

The RRNA is provided with operating room attire during clinical instruction.

Most students will be required to rotate to enrichment health care facilities to meet all clinical requirements for graduation. All costs including transportation, licensure, and housing are the student's responsibility. Rotations to enrichment sites may be up to four months in length during Phase II and the student is encouraged to budget accordingly.

STUDENT HEALTH, MEDICAL REQUIREMENTS, & HEALTH INSURANCE

Each student must be in good physical and mental health and may not have any communicable disease when involved in patient care. Clinical facilities require documentation of current vaccinations, a completed medical questionnaire and physician's certificate on file. Medical questionnaires and vaccination information will be provided to students with their acceptance information and in the student handbook.

During Phase II, students must provide their own health insurance. Proof of coverage will be required. Failure to provide proof of health insurance will result in the removal of the student from the clinical area until proof is provided.

The student is not an employee of the University or the hospital where the clinical training is provided. The student is not covered by Texas Wesleyan's Workman's Compensation insurance (except where mandated by state law) and must use her/his individual health insurance to cover training related injuries (e.g. needle sticks, lifting injuries, etc.).

Graduation Requirements

MASTER OF SCIENCE IN NURSE ANESTHESIA

To qualify for graduation a student must demonstrate satisfactory completion of:

- All course requirements, comprehensive program examination, and senior project with a cumulative grade point average of 3.0 on a 4.0 scale;
- All nurse anesthesia residency requirements and graduate outcomes;
- All financial obligations to the program including the graduation fee;
- All published program requirements.

Graduate Outcomes

- Demonstrate professional conduct suitable to the role of Certified Registered Nurse Anesthetist;
- Demonstrate the ability to administer individualized safe anesthesia based on pathophysiologic principles, recognize changing conditions of the patient, and correctly alter the anesthesia management;
- Obtain and document pre-anesthesia interviews (include history, physical, and assessment) and informed consent (include risks, complications, and anesthesia alternatives). Suggest/order preoperative tests and medications. Develop an appropriate anesthetic care plan based on patient history and proposed surgical procedure;
- Select, assemble, and maintain proper equipment, anesthetic agents, and accessories while preparing for an anesthetic — general, regional, MAC;
- Conduct a physiologically sound anesthetic during induction, including positioning of the patient to assure optimal physiologic function and safety, and appropriate management of the patient's airway;
- Administer physiologically sound anesthesia maintenance within the confines of the operative, diagnostic, and therapeutic situation and the pathological condition of the patient;
- Manage a physiologically sound anesthetic emergence within the confines of the operative, diagnostic, and therapeutic situation and the pathological condition of the patient;
- Evaluate post-anesthetic recovery of the patient in terms of recognizing complications arising from the anesthetic management and recommend/take a course of action for correcting such complications within medically established guidelines. Provide a safe transport for the patient and effectively communicate the condition of the patient to the recovery personnel;
- Demonstrate responsibility for own actions and for continuing personal and professional growth;
- Exhibit expected role responsibilities, maintaining integrity, and legal/ethical standards;
- Function within appropriate legal requirements as licensed professional, accepting responsibility and accountability for own practice. Perform clinically in ways that reflect specialized knowledge, attitudes, skills, motivations, and self-perceptions;
- Adhere to all OSHA and HIPPA/HITECH guidelines.

MASTER OF HEALTH SCIENCE

To qualify for graduation a student must demonstrate satisfactory completion of:

- All course requirements with a cumulative grade point average of 3.0 on a 4.0 scale;
- All financial obligations to the program, including the graduation fee*; and
- All published program requirements.

*The graduation fee must be paid even if the graduate does not participate in the commencement ceremony.

Affiliations

REQUIRED (PRIMARY) SITES AND CLINICAL COORDINATORS

Texas Wesleyan contracts with hospitals around the nation to provide clinical training to its nurse anesthesia students. A clinical coordinator at each hospital facilitates all aspects of clinical and clinical didactic education for the nurse anesthesia residents. Enrichment sites are assigned to provide the resident with a broad range of clinical anesthesia experiences. Clinical sites that provide a classroom for optional Phase I distance education are marked if available for the full year ** or spring and summer *.

The primary sites are:

Alabama:
Mobile Infirmary Medical Center, Mobile**

Arkansas:
Baptist Medical Center, Little Rock*
St Bernard's Regional Medical Center, Jonesboro*

California:
Arrowhead Regional Medical Center, Colton**

Colorado:
Denver Health Medical Center, Denver **
University of Colorado Hospital, Aurora **

Kansas:
Wesley Medical Center, Wichita*
Stormont-Vail HealthCare, Topeka**

Kentucky:
Saint Elizabeth Medical Center, Edgewood**

Louisiana:
Christus St. Frances Cabrini Hospital, Alexandria*
LSU Medical Center, Shreveport**

North Dakota:
St. Alexius Medical Center, Bismarck**

Ohio:
Good Samaritan Hospital, Cincinnati
Bethesda North Hospital, Cincinnati
Jewish Hospital, Cincinnati
Miami Valley Hospital, Dayton**

Texas:
Baylor-All Saints Health System, Fort Worth
Texas Health, Harris Methodist Fort Worth, Fort Worth
John Peter Smith Hospital, Fort Worth
Plaza Medical Center, Fort Worth
Valley Baptist Medical Center, Harlingen
V.A. Medical Center, Dallas
Baylor University Medical Center, Dallas
Texas Tech University Health Science Center, Lubbock
UT Southwestern Medical Center, Dallas

All Clinical Affiliates reserve the right to deny admission to any applicant as determined by the Anesthesia Department or Hospital Administration.

Clinical sites are subject to changes in caseloads and training positions. If the selected applicant's assigned clinical training site is not available, she or he will be reassigned to another clinical training site that has training positions open.

Program Requirements

Master of Science in Nurse Anesthesia
and Master of Health Science (Phase I only)

Phase I

PHASE I MULTI-TERM 1
ANE 6101 Human Patient Simulation*

FALL SEMESTER 16
ANE 6201 Professional Aspects of Anesthesia
ANE 6411 Applied Chemistry for the Nurse Anesthetist
ANE 6421 Advanced Pharmacology
ANE 6641 Advanced Anatomy, Physiology, and Pathophysiology I

SPRING SEMESTER 14
ANE 6231 Research Methods in Nurse Anesthesia
ANE 6414 Advanced Physical and Health Assessment*
ANE 6422 Advanced Anesthesia Pharmacology*
ANE 6442 Advanced Anatomy, Physiology, and Pathophysiology II*

FIRST SUMMER SESSION 6
ANE 6603 Principles of Anesthesia Practice I*

SECOND SUMMER SESSION 6
ANE 6605 Principles of Anesthesia Practice II*

TOTAL HOURS PHASE I 43

PHASE II

FALL SEMESTER **6**
ANE 6481 Clinical Practicum A
ANE 6285 Clinical Didactics A*

SPRING SEMESTER **6**
ANE 6482 Clinical Practicum B
ANE 6286 Clinical Didactics B*

SUMMER SESSION **5**
ANE 6383 Clinical Practicum C
ANE 6287 Clinical Didactics C*

FALL SEMESTER **6**
ANE 6484 Clinical Practicum D
ANE 6289 Clinical Didactics D*

TOTAL HOURS PHASE II **23**

TOTAL PROGRAM HOURS **66**

All Phase I academic and laboratory course work must be completed with a 3.0 GPA in the 12 months immediately preceding Phase II to be eligible to proceed into clinical nurse anesthesia residency.

MSNA Students must earn a course grade of "B" in critical anesthesia content, the classes are identified with an asterisk (*).

MHS classes may be taken out of order.

Course Descriptions

ANESTHESIA (ANE)

6101. Human Patient Simulation **1 hour**
Human patient simulation promotes the transfer of knowledge from the academic to clinical environment. Simulation experiences are designed to enhance critical thinking, problem solving, and skill development appropriate for the registered nurse entering a clinical anesthesia residency.

6201. Professional Aspects of Anesthesia **2 hours**
An introduction to Professional Nurse Anesthesia Practice to include, medical ethics, health and wellness, professional responsibilities, and collaboration with the health care team.

6231. Research Methods in Nurse Anesthesia **2 hours**
Comprehensive overview of research process including methodology, design and interpretation of findings, emphasizes acquiring knowledge and skills essential for critical evaluation of research reports.

6285. Clinical Didactics A **2 hours**
A study of the advanced anesthesia principles throughout the life cycle Part 1. (Fall)

6286. Clinical Didactics B **2 hours**
A study of the advanced anesthesia principles throughout the life cycle Part 2. (Spring)

6287. Clinical Didactics C **2 hours**
A study of the advanced anesthesia principles throughout the life cycle Part 3. (Summer)

6289. Clinical Didactics D **2 hours**
A study of the advanced anesthesia principles throughout the life cycle Part 4. (Fall)

6411. Applied Chemistry for the Nurse Anesthetist **4 hours**
Applied Chemistry for Anesthetist 6411 is a four-credit graduate level Chemistry course which is an overview of general chemistry principles, gas laws, organic functional groups and biomolecules as it pertains to anesthetics. The student will be introduced to atomic theory and structure, bonding, gases, acids and bases, pH, organic structure, carbohydrates, lipids, proteins, enzymes, metabolism and nucleic acids.

6414. Advanced Physical and Health Assessment **4 hours**
This course prepares the RN to preform comprehensive health and physical assessments across the life span with an emphasis on the peri-anesthetic patient. Content builds on the knowledge and skills acquired as a registered nurse and the advanced scientific foundation acquired during nurse anesthesia training.

6421. Advanced Pharmacology **4 hours**
Prepares the Registered Nurse (RN) and enhances the Certified Registered Nurse Anesthetist (CRNA) in their respective roles on the anesthesia patient care team and in the administration of anesthesia by teaching the principles of pharmacokinetics, pharmacodynamics, uptake and distribution, and selected systemic pharmacology as applicable to anesthesiology.

6422. Advanced Anesthesia Pharmacology **4 hours**
Prepares the RN for a role on the anesthesia patient care team and in the administration of anesthesia by teaching analysis, synthesis, and evaluation skills in selecting and discussing appropriate anesthesia drugs for utilization in patient care situations.

6442. Advanced Anatomy, Physiology, and Pathophysiology II **4 hours**
Study of structure and function in health and disease of human cardiovascular and respiratory systems.

6481. Clinical Practicum A **4 hours**
The application of the principles of anesthesia care performed under the supervision of clinical instructors. (Fall)

6482. Clinical Practicum B **4 hours**
The application of the principles of anesthesia care performed under the supervision of clinical instructors. (Spring)

6383. Clinical Practicum C **3 hours**
The application of the principles of anesthesia care performed under the supervision of clinical instructors. (First Summer)

6484. Clinical Practicum D **4 hours**
The application of the principles of anesthesia care performed under the supervision of clinical instructors. (Fall)

6603. Principles of Anesthesia Practice I **6 hours**
Prepares the RN for a role on the anesthesia patient care team and in the administration of anesthesia by teaching a basic level of expertise in

understanding and using anesthesia equipment in a competent and safe manner.

6605. Principles of Anesthesia Practice II 6 hours
Prepares the RN for a role on the anesthesia patient care team and in the administration of anesthesia by teaching a basic level of cognitive, affective, and psychomotor expertise for the preoperative, perioperative, and postoperative anesthesia periods.

6641. Advanced Anatomy, Physiology, and Pathophysiology I 6 hours
Study of structure and function in health and disease of human nervous, endocrine, and excretory systems.

OTHER PROGRAMS

Programs Offered

CRNA BS TO DNAP BRIDGE PROGRAM**

The BS to DNAP program provides baccalaureate prepared practicing nurse anesthetists who desire to pursue a doctorate degree in nurse anesthesia practice the advanced academic foundation to transition into doctoral education and recognizes the competencies of current practitioners. Admission to the DNAP program follows completion of the master's bridge curriculum with a minimum 3.0 GPA. Candidates will be eligible for the following DNAP general admission cycle. Upon successful completion of the DNAP program, graduates will be awarded the Doctorate of Nurse Anesthesia Practice degree.

CERTIFICATE PROGRAM

Certificate for Nurse Anesthetist Educators

The Certificate Program for Nurse Anesthetist Educators provides Master's and Doctoral prepared Nurse Anesthetists with advances studies leading to a graduate certificate. The 100% online program is designed to provide didactic training in instruction, curriculum, and evaluation to Certified Registered Nurse Anesthetists (CRNA) who are currently or wish to become educators. The program provides an evidence-based foundation in the theories and best practices of adult learning, curriculum implementation, and evaluation. The program is designed to provide students the opportunity to complete the 9 credit hour requirements on a part-time basis in one year.

**At the time of catalog print, the addition of the BS to DNAP program is pending approval from the COA.

Admission to the BS to DNAP Bridge Program

Admission to the BS to DNAP Bridge Program is offered to practicing CRNAs who possess a bachelors' degree and is contingent upon submission of the following items/documentation:

ADMISSION CRITERIA

- Possess an earned bachelor's degree from an accredited college or university;
- Possess an earned degree or certificate of completion from a Council on Accreditation of Nurse Anesthesia Education accredited nurse anesthesia program;
- Current CRNA Certification/Recertification;
- GPA of 3.0 on a 4.0 scale (Overall or last 60 hours);
- Personal interview.

SELECTION CRITERIA

- Personal interview;
- Nurse anesthesia experience;
- Academic achievement;
- Professional references.

Applicants who meet admission criteria are accepted on a space available basis. Prospective students will be contacted and advised by the director of the program or her/his designee to facilitate course enrollment and academic program planning. Enrollment and registration are handled through the Graduate Programs of Nurse Anesthesia office. Applicants will be selected on a best-qualified basis as determined by the Program Director and/or the GPNA Advisory Committee. The decision of the Program Director and/or the GPNA Admissions Committee is final and not subject to appeal. Admission to the DNAP program follows completion of the master's bridge curriculum with a 3.0 GPA; candidates will be eligible for the following general admission following standard DNAP guidelines.

APPLICATION PROCESS

The following documentation must be submitted:

- Completed online application for admission to the BS-DNAP bridge program;
- Application fee, non-refundable;
- Official transcripts from all colleges or universities attended including bachelors' degree and nurse anesthesia program completion verification;
- Current certification from the National Board of Certification & Recertification for Nurse Anesthetists;
- Three professional references:
    - One from an educator that can attest to the applicant's academic ability and aptitude for advance learning;
    - One from a clinical supervisor/colleague that can attest to the applicant's clinical skills;
    - And a personal reference from a non-relative that can attest to the applicant's integrity.

TIME LINE

Applications and forms are available on-line at any time. Applicants will create a user name and password as part of the application process. On-line tracking allows applicants to monitor their progress as documents are received and processed. Individuals are encouraged to submit their application materials early and monitor their submission process weekly. It is the individual's responsibility to insure that his/her application is complete by the deadline if they wish to be considered for the next cohort's selection. Class sizes are limited. Incomplete applications will not be processed.

- Online applications are available year round;
- Priority application and document submission deadline is November 1st prior to a January or spring semester matriculation;
- Applicants chosen for an interview will be contacted by the GPNA office to arrange an interview. Interviews are conducted via phone or video call with two GPNA faculty;
- Students will be notified of the admission decision via telephone or email and an official follow-up letter;
- Graduate students will be assigned a faculty advisor to facilitate course enrollment and academic program planning;
- Orientation information will be e-mailed to each student the week before their first semester;
- The master's bridge program begins in the spring semester;

- DNAP classes begin in May. Exact semester start dates are determined by the Texas Wesleyan University Calendar.

APPLICATION CORRESPONDANCE

gpna@txwes.edu; 817-531-4406
or
Graduate Programs of Nurse Anesthesia
Texas Wesleyan University
1201 Wesleyan Street
Fort Worth, Texas 76105-1536

REAPPLICATION

Applicants who are not selected or do not to enroll in the BS-DNAP program in the semester they were accepted in for any reason must reapply to be considered for another admission cycle. If the reapplication is within three years of the original application the following information must be submitted:

- Letter of Intent
- Updated curriculum vitae
- Official transcripts from colleges/universities that you may have attended since applying to our program
- Updated certification (if applicable)

Admission to the Certificate Program

ADMISSION CRITERIA

- Possess an earned master's or doctoral degree from an accredited college or university;
- Current CRNA Certification/Recertification;
- Current RN license that is valid within one of the fifty states or U.S. territories;
- GPA: 3.0 (Overall or last 60 hours);
- Personal essay: A typed essay describing the applicant's interest, qualifications, and career plans relevant to the pursuit of the certificate.

SELECTION CRITERIA

Admission of each class will be based upon the "best qualified" as determined by the Admission Committee. Class size is limited to facilitate participation. Selection will be based upon the following criteria:

- Professional experience;
- Personal essay;
- Academic achievement.

APPLICATION PROCESS

The following documentation must be submitted:

- Completed on-line application for Texas Wesleyan University, Graduate Programs of Nurse Anesthesia;
- Application fee, non-refundable;
- Official transcripts from ALL colleges and universities attended;

- Degree verification;
- Personal essay: A typed essay describing the applicant's interest, qualifications, and career plans relevant to the pursuit of the certificate.

TIME LINE

Applications, essay assignments, and forms are available on-line at any time. Applicants will create a user name and password as part of the application process. On-line tracking allows applicants to monitor their progress as documents are received and processed. Individuals are encouraged to submit their application materials early and monitor their submission process weekly. It is the individual's responsibility to insure that his/her application is complete if they wish to be considered for the next cohort's selection.

1. Application and document submission is open year round. Applicants are encouraged to complete their submission the spring before fall admission.
2. The admissions committee reviews completed applications monthly and students will be notified of the decision by email or telephone then with an official follow-up letter.
3. Formal acceptance of admission by e-mail or letter and a non-refundable deposit of $500.00 is required 21 days after notification of acceptance. The deposit will be applied to the first semester tuition.
4. Graduate students are advised by the director of the program or her/his designee to facilitate course enrollment and academic program planning. Prospective students should contact the director for an appointment by phone, first class mail, or by email. Official enrollment and registration is handled through the Graduate Programs of Nurse Anesthesia office.
5. Orientation information will be e-mailed to each student prior to registration. The e-mail includes general orientation information, orientation to Blackboard, orientation to Library Resources, a copy of the Graduate Catalog, and the Texas Wesleyan Student Handbook. Additional orientation information can be found on Texas Wesleyan's website at: https://txwes.edu/academics/gpna/.
6. Classes begin with the fall semester and are designed to be completed in one year with a fall, winter, and spring semester.

APPLICATION CORRESPONDENCE

gpna@txwes.edu; 817-531-4406
or
Texas Wesleyan University
Graduate Programs of Nurse Anesthesia
1201 Wesleyan Street
Fort Worth, Texas 76105-1536

Program Requirements

CRNA BS to DNAP Bridge Program**

Credit for the following courses will be awarded by transfer and examination with the following required documentation:

1. Documentation of graduation from a COA accredited entry-level nurse anesthesia program by official transcript;
2. Documentation of successful completion of the Nurse Anesthesia National Certifying Examination; and
3. Documentation of current nurse anesthesia certification.

Transfer and Examination Eligible Coursework 27
ANE 6603 Principles of Anesthesia Practice I
ANE 6605 Principles of Anesthesia Practice II
ANE 6481, 6482, 6383, and 6484 representing a completed clinical nurse anesthesia residency

The Bachelor degree-prepared CRNA will take the following courses at Texas Wesleyan University. Upon successful completion of the master's bridge curriculum with a 3.0 GPA, the practicing CRNA will be admitted into the DNAP program.

Bridge Coursework..... 14
ANE 6421 Advanced Pharmacology (fall)
ANE 6442 Advanced Anatomy, Physiology, and Pathophysiology II (spring)
ANE 6414 Advanced Physical and Health Assessment (spring)
ANE 6231 Research Methods in Nurse Anesthesia (summer)

BRIDGE TOTAL HOURS..... 41

Bridge classes are available once a year. Part time students starting in the spring semester would complete the bridge the following spring and enter the DNAP program with the standard summer cohort. Students enter an unabridged DNAP program guided by the graduate catalog in effect at the time of DNAP program entry.

UNABRIDGED DNAP PROGRAM HOURS 32-38
Complete DNAP program requirements can be found on page 215.

PROGRAM TOTAL HOURS 73-79

**At the time of catalog print, the addition of the BS to DNAP program is pending approval from the COA.

Certificate Program for Nurse Anesthetist Educators

To successfully complete the program, a student must complete the three courses listed below for a total of 9 credit hours. The program will use an asynchronous online delivery method. Online classes will use various methods of delivery including video lectures and more traditional Internet based delivery. Computer and technical requirements are listed in the Graduate Programs of Nurse Anesthesia Academic Policy section of this document. The courses must be completed in order.

Nurse Anesthetist Educators Certificate 9
ANE 6301 Adult Learning Theories and Best Practices for the Nurse Anesthesia Educator
ANE 6302 Curriculum Implementation and Evaluation for the Nurse Anesthesia Educator
ANE 6303 Evaluation Theories and Best Practices for the Nurse Anesthesia Educator

TOTAL HOURS 9

CERTIFICATE COMPLETION REQUIREMENTS

To qualify for the certificate a student must demonstrate satisfactory completion of:

- All course requirements with a cumulative grade point average of 3.0 on a 4.0 scale;
- All financial obligations to the program; and
- All published program requirements.

Course Descriptions

Students in the CRNA BS to DNAP Bridge Program take designated master's courses that may be found starting on page 202 of the catalog.

ANESTHESIA (ANE)

6301. Adult Learning Theories and Best Practices for the Nurse Anesthesia Educator **3 hours**
This course prepares nurse anesthetists to create an environment in the clinical or classroom setting that improves student learning. Adult learning theories and best practices for teaching and instruction are discussed to facilitate the achievement of learning outcomes in the cognitive, psychomotor and affective domains.

6302. Curriculum Implementation and Evaluation for the Nurse Anesthesia Educator **3 hours**
This course prepares the nurse anesthetist to assist in the implementation and evaluation of a didactic anesthesia curriculum. Revisions to curricula based on program objectives, regulatory standards and outcome data will also be addressed.

6303. Evaluation Theories and Best Practices for the Nurse Anesthesia Educator **3 hours**
This course prepares nurse anesthetist with the theory and skills to create, implement and modify an effective evaluation plan for the assessment of student learning. Best practices for the evaluation of both clinical and didactic instruction will be considered.

DOCTORAL PROGRAM IN NURSE ANESTHESIA

Faculty

Paul Austin, Director
Dion Gabaldon
Debra Maloy
Loraine Silvestro

Degree and Programs

DNAP Doctorate of Nurse Anesthesia Practice

DOCTORATE OF NURSE ANESTHESIA PRACTICE (DNAP)

The Doctorate of Nurse Anesthesia Practice Program provides Master's level prepared Nurse Anesthetists with advanced studies that leads to a practice doctorate. The program is designed to provide enhancement of the Certified Registered Nurse Anesthetist's (CRNA) current scientific knowledge and to develop skills in both management and/or nurse anesthesia education. The program provides advanced studies in the interrelationships of pathophysiology, biochemistry and pharmacology, study of management theory, educational administration and scholarly work.

The program builds upon the scientific and leadership knowledge and skills that the student gained during her/his Master's Degree nurse anesthesia education as well as from her/his professional practice experience gained as a nurse anesthetist. The successful student will develop advanced, in-depth scientific knowledge concerning the disease processes and treatment modalities and strengthen the leadership, administrative and management skills beyond that gained at the Master's level.

Two foci are offered in the program, and students may choose to complete one or both:

Education

The education courses will provide the knowledge not offered in most Master's level CRNA curriculums. With the development of clinical doctoral programs for advanced practices nurses, both in anesthesia and other advanced nursing specialties, the need for doctoral prepared program administrators is great. The goal of the education specialty focus is to prepare the CRNA to be a faculty member or an administrator of a nurse anesthesia program.

Management

The management focus courses will provide the knowledge necessary to advance into administrative roles in the anesthesia department/group or other areas in the clinical facility as well as the entrepreneurial skills and knowledge to create and operate an anesthesia group. These skills will include budget management and the contract and legal issues associated with the creation of a business.

Admission to the DNAP Program

Admission to the Doctorate of Nurse Anesthesia Practice Program is offered only to CRNAs who possess a master's degree and is contingent upon submission of the following items/documentation:

ADMISSION CRITERIA

- Possess an earned master's degree from an accredited college or university;
- Must be a practicing Certified Registered Nurse Anesthetist;
- Graduate GPA of 3.0 on a 4.0 scale (Overall or last 60 hours)
- A graduate level research course with an earned grade of "B" or better;
- Personal interview in which the applicant demonstrates that in the future he/she will engage in a position or activities that will positively influence nurse anesthesia education/practice.

SELECTION CRITERIA

Total enrollment in the DNAP program is limited. The admission of each class will be based upon the "best qualified" as determined by the Admissions Committee. Selection will be based upon the following criteria:

- Personal interview;
- Nurse anesthesia experience in clinical practice, education, leadership, and management;
- Academic achievement;
- Professional references.

All positions are filled on a competitive basis. Therefore, all applicants that meet admission requirements may not be granted an interview. The Graduate Programs of Nurse Anesthesia reserves the right to deny admission to any applicant as determined by the Admissions Committee. All decisions by this committee are final and not subject to appeal.

APPLICATION PROCESS

The following documentation must be submitted:

- Completed online application for admission to the Doctorate of Nurse Anesthesia Program;
- Application fee, non-refundable;
- Official transcripts from all colleges or universities attended including master's degree verification;
- Three professional references:
    - One from an educator that can attest to the applicant's academic ability and aptitude for advance learning;
    - One from a clinical supervisor/colleague that can attest to the applicant's clinical skills;
    - And a personal reference from a non-relative that can attest to the applicant's integrity.

TIME LINE

Applications and forms are available on-line at any time. Applicants will create a user name and password as part of the application process. On-line tracking allows applicants to monitor their progress as documents are received and processed. Individuals are encouraged to submit their application materials early and monitor their submission process weekly. It is the individual's responsibility to insure that his/her application is complete by the deadline if they wish to be considered for the next cohort's selection. Class sizes are limited. Incomplete applications will not be processed.

- Priority application and document submission deadline is October 15th prior to the year of matriculation;
- Applicants chosen for an interview will be contacted by the DNAP office to arrange an interview. Interviews are conducted via phone or video call with DNAP program faculty;
- Students will be notified of the admission decision via email and an official follow-up letter;
- Students have 14 days to respond accepting or declining admission. Acceptance requires a non-refundable deposit of $1500.00. This may be paid online. The deposit will be applied to the first semester's tuition;
- Graduate students are advised by the Associate Director or her/his designee to facilitate course enrollment and academic program planning. Prospective students should make an appointment with the DNAP office prior to enrollment by phone, first class mail, or by email. Official enrollment and registration is handled through the Graduate Programs of Nurse Anesthesia office;
- Orientation information will be e-mailed to each student prior to registration;
- Classes begin in May. Exact dates are determined by the Texas Wesleyan University Calendar;
- Completed applications will be evaluated on a space available basis in the year of matriculation.

APPLICATION CORRESPONDENCE

dnap@txwes.edu; 817-531-4406
or
Doctorate of Nurse Anesthesia Practice
Texas Wesleyan University
1201 Wesleyan Street
Fort Worth, Texas 76105-1536

REAPPLICATION

Applicants who are not selected or do not to enroll in the DNAP program cohort they were accepted in for any reason must reapply to be considered for another admission cycle. If the reapplication is within three years of the original application the following information must be submitted:

- Letter of Intent;
- Updated curriculum vitae;
- Official transcripts from colleges/universities that you may have attended since applying to our program;
- Updated certification (if applicable).

ACCESS TO FACULTY AND DIRECTOR

The Associate Director of the Doctorate of Nurse Anesthesia Practice and the Director of DNAP Curriculum can be reached via email and a toll-free telephone number. Students wishing to meet with either of these individuals in person will need to make an appointment. These individuals can be reached at 817/531-4406.

Access to each student's academic advisor will be provided to the student upon registration. Prior to registration, the Associate Director of the Doctorate of Nurse Anesthesia Practice will be available for advising and guidance for prospective students.

Graduation Requirements for the DNAP

To qualify for graduation a student must demonstrate satisfactory completion of:

- All core course requirements and either the management or educational administration focus courses and scholarly work within seven years;
- Earn a minimum cumulative grade point average of 3.0 on a 4.0 scale;
- An application for graduation must be filed in the Office of Student Records no later than the deadline specified in the Graduate Catalog;
- The graduation fee must be paid even if the graduate does not participate in the commencement ceremony;
- All financial obligations to the program; and
- All published program requirements.

SCHOLARLY WORK

The student is required to complete a scholarly work. The scholarly work is completed in conjunction with the following courses:

ANE 8113	Scholarly Work Completion
ANE 8211	Evidence-Based Practice I
ANE 8314	Evidence-Based Practice II

The requirements for the scholarly work are described in the syllabi for the above courses.

The student is required to maintain continuous enrollment in ANE 8113 until the scholarly work has been completed and accepted by the Director of DNAP Curriculum and/or the Associate Program Director. Extension of ANE 8113 over a maximum of 3 total credit hours requires approval from the GPNA Advisory Committee.

Program Requirements

To successfully complete the program, a student must complete the core courses and the required courses for either the educational administration or management focus. The student may choose to complete all courses (a total of 38 credit hours). A student may graduate after completing one specialty emphasis and continue in the remaining specialty emphasis courses following program completion and have these courses reflected on their official University transcript.

Doctorate of Nurse Anesthesia Practice

DNAP CORE CURRICULUM 26
ANE 8113 Scholarly Work Completion
ANE 8211 Evidence-Based Practice I
ANE 8214 Learning Technologies and Informatics
ANE 8216 Public Health Policy & Health Care Organizations
ANE 8310 Health Law and Ethics
ANE 8312 Applied Biomedical Statistics
ANE 8314 Evidence-Based Practice II
ANE 8401 Pathophysiology, Biochemistry, Pharmacology I
ANE 8402 Pathophysiology, Biochemistry, Pharmacology II
MGT 8208 Leadership and Managing Change

FOCUS COURSES 6
Choose one or both:
Educational Administration 6
ANE 8317 Curriculum Planning, Teaching Strategies, and Evaluation for Nurse Anesthesia Program Faculty
ANE 8320 Administration of a Nurse Anesthesia Program
Management..... 6
ACC 8212 Using Activity Based Management for Improvement
ANE 8412 Nurse Anesthesia Practice Management and Finance

TOTAL HOURS 32-38*

A Sample Course Sequence

Doctorate of Nurse Anesthesia Practice
Educational Administration Focus

Year I
SUMMER SEMESTER 5
ANE 8050 Introduction to the DNAP Program
ANE 8214 Learning Technologies and Informatics
ANE 8310 Health Law and Ethics

FALL SEMESTER 6
ANE 8401 Pathophysiology, Biochemistry and Pharmacology I
MGT 8208 Leadership and Managing Change

SPRING SEMESTER..... 6
ANE 8402 Pathophysiology, Biochemistry and Pharmacology II
ANE 8216 Public Health Policy & Health Care Organizations

SUMMER SEMESTER 3
ANE 8312 Applied Biomedical Statistics

Year II
FALL SEMESTER 5
ANE 8211 Evidence-Based Practice I
ANE 8317 Curriculum Planning, Teaching Strategies, and Evaluation for Nurse Anesthesia Program Faculty

SPRING SEMESTER..... 6
ANE 8314 Evidence-Based Practice II
ANE 8320 Administration of a Nurse Anesthesia Program

SUMMER SEMESTER **1**
ANE 8113 Scholarly Work Completion

TOTAL PROGRAM HOURS **32***

Doctorate of Nurse Anesthesia Practice
Management Focus

Year I
EXTENDED SUMMER SEMESTER **5**
ANE 8050 Introduction to the DNAP Program
ANE 8214 Learning Technologies and Informatics
ANE 8310 Health Law and Ethics

FALL SEMESTER **6**
ANE 8401 Pathophysiology, Biochemistry and Pharmacology I
MGT 8208 Leadership and Managing Change

SPRING SEMESTER **6**
ANE 8402 Pathophysiology, Biochemistry and Pharmacology II
ANE 8216 Public Health Policy & Health Care Organizations

SUMMER SEMESTER **3**
ANE 8312 Applied Biomedical Statistics

Year II
FALL SEMESTER **6**
ANE 8211 Evidence-Based Practice I
ANE 8412 Nurse Anesthesia Practice Management and Finance

SPRING SEMESTER **5**
ANE 8314 Evidence-Based Practice II
ACC 8212 Using Activity Based Management for Improvement

SUMMER SEMESTER **1**
ANE 8113 Scholarly Work Completion

TOTAL PROGRAM HOURS **32***

Course Descriptions

ACCOUNTING (ACC)

8212. Using Activity Based Management for Improvement 2 hours
This course is designed to provide students techniques in how to streamline, improve, and measure productivity of business processes. The principle technique used for this analysis is Activity Based Management (ABM) which is considered a best practice technique in most major corporations.

ANESTHESIA (ANE)

8050. Orientation/Introduction to the DNAP Program 0 hour
This course introduces students to the methods and strategies necessary to incorporate existing research and information into an evidence-based practice. Students will be expected to find and evaluate information using a variety of information retrieval tools.

8113. Scholarly Work **1 hour**
Prerequisite: ANE 8314
The student will complete the required scholarly work. Methods of dissemination will be reviewed such as journal articles and podium and poster presentations.

8211. Evidence-Based Practice I **2 hours**
Prerequisite: ANE 8312
The course introduces the fundamentals of evidence-based practice. The student will work with the course director to identify a problem from the clinical, business or education area that will serve as a basis for the integrative review.

8214. Learning Technologies and Informatics **2 hours**
This course introduces students to the methods and strategies necessary to incorporate existing research into an evidence-based practice. Students will be expected to find and evaluate information using a variety of information retrieval tools.

8216. Public Policy & Health Care Organizations **2 hours**
The course is designed to provide a framework for understanding state and federal policy and regulatory development process. Students will analyze health financing legislation, as well as regulatory implications of Affordable Care Act, Medicare, and Medicaid programs. This course examines the impact of emerging social, ethical, legal, and political issues on the future of the health care system. Emphasis is on advocating policy change to improve anesthesia delivery and advancing the nurse anesthesia profession.

8310. Health Law and Ethics **3 hours**
This course focuses on key concepts in health law such as the structure of health care organizations, health care liability, confidentiality of medical information, access to health care, taxation, antitrust, state and federal regulations of health care, financing mechanism of health care, including private health insurance, Medicare and Medicaid, and emerging bioethical issues in health care.

8312. Applied Biomedical Statistics **3 hours**
Statistics is the science and art of identifying, organizing, summarizing and analyzing data from the world around us in order to draw conclusions or make predictions. This course provides a survey of the principles and methods of descriptive and inferential statistics with emphasis on reasoning skill development, appropriate application of concepts and methods, and critical analysis and evaluation; computational skill is secondary. Topics include: defining, measuring, and describing data; research design; hypothesis testing; correlation and regression; analysis of variance; Chi Square; and power analysis.

8314. Evidence-Based Practice II **3 hours**
Prerequisite: ANE 8211
This course prepares the student to engage in knowledge application including the translation of research into practice, the evaluation of practice and improvement of nurse anesthesia practice and outcomes. Skills are presented supporting the integrative review.

8317. Curriculum Planning, Teaching Strategies, and Evaluation for Nurse Anesthesia Program Faculty **3 hours**
This course will focus on curriculum development and implementation, teaching and learning strategies and didactic and clinical evaluation for nurse anesthesia educators.

8320. Administration of a Nurse Anesthesia Program 3 hours
This course will focus on the administration of a nursing program including accreditation, development and administration of faculty and staff, program recruiting, clinical site development and management.

8401. Pathophysiology, Biochemistry and, Pharmacology I 4 hours
This course covers the treatment of human diseases with pharmacological mediators. It integrates the pathophysiology of various disease states with underlying biochemical mediators, and available drug treatments. This course includes pharmacokinetics, pharmacodynamics, absorption, distribution, metabolism and excretion, pharmacogenetics, new drug discovery, neurotransmission, the CNS system, mediators of pain and inflammation, and renal and cardiovascular agents.

8402. Pathophysiology, Biochemistry, and Pharmacology II 4 hours
This course covers the treatment of human diseases with pharmacological mediators. It integrates the pathophysiology of various disease states with underlying biochemical mediators, and available drug treatments. This course includes GI function, chemotherapeutics of microbial disease, neoplastic diseases, immunomodulators, blood and blood forming organs, hormones and antagonists, and toxicology.

8412. Nurse Anesthesia Practice Management & Finance 4 hours
The course is designed to provide a framework for starting a business and for managing business and personal financial affairs. Course content will include entrepreneurial basics, preparation of a business plan, personal financial planning, legal considerations, and tax considerations. Course content will include understanding the business of anesthesia and responding to a Request for Proposal (RFP) by developing an anesthesia portfolio.

MANAGEMENT (MGT)

8208. Leadership and Managing Change 2 hours
Advanced study of the use of power, influence, and leadership in organizations. Detailed coverage of sources of power in organizations, resource dependency, multidirectional influence tactics, trait theories of leadership, behavioral theories of leadership, contingency approaches to leadership, and charismatic leadership. Special consideration is given to the ethical use of power and leadership.