DRAFT MOTION 20210803_7-B:

I move to authorize USD to offer a DNAP degree in Doctor of Nurse Anesthesia Practice at the Community College for Sioux Falls and to seek accreditation from the Council on Accreditation of Nurse Anesthesia Educational Programs (COA), as presented.
accreditation from the Council on Accreditation of Nurse Anesthesia Educational Programs (COA) contingent upon approval of the DNAP degree program, per BOR Policy 1:10.

USD’s Intent to Plan was presented and approved at the June 2021 Board meeting. Per BOR Policy 2:1, an external review of the program was waived by the executive director since the corresponding request to seek accreditation will require a review of the program by the accrediting body.

**IMPACT AND RECOMMENDATION**

USD plans to offer the DNAP program at the Community College for Sioux Falls. USD is not requesting any new state resources. The university will be partnering with a local health system to initiate the program, as well as to secure the program’s sustainability and future success. The program will require 17 new courses, which are required for accreditation.

Board office staff recommends approval of the program.

**ATTACHMENTS**

Attachment I – New Program Request Form: USD DNAP in Doctor of Nurse Anesthesia Practice
Attachment II – USD Request to Seek Accreditation Form: COA
1. What is the nature/purpose of the proposed program? Please include a brief (1-2 sentence) description of the academic field in this program.

The purpose of the Doctor of Nurse Anesthesia Practice (DNAP) post baccalaureate program is to prepare registered nurses to become Certified Registered Nurse Anesthetists (CRNAs) who will have the educational background and skills necessary to provide anesthesia care that is founded in innovative evidence-based practice and use of advanced technologies. Furthermore, graduates of the program will be able to assume leadership roles in a variety of healthcare settings and improve healthcare delivery. The Council on Accreditation of Nurse Anesthesia Educational programs (COA) has mandated that “all students accepted into an accredited program on January 1st, 2022,
thereafter, will be required to graduate with doctoral degrees.” The impetus behind the mandate is to elevate the quality of care in the emerging healthcare systems and to strengthen the CRNA leadership skills. Nurse Anesthetists, Nurse Midwives, and Nurse Practitioners (NPs), are all referred to as Advanced Practice Registered Nurses (APRNs). However, Nurse Anesthetists have different education, licensure and career tracks than NPs. In addition, accreditation of Nurse Anesthesia educational programs and licensure of Nurse Anesthetists are independent from those of NPs.

2. How does the proposed program relate to the university’s mission and strategic plan, and to the current Board of Regents Strategic Plan 2014-2020?

Links to the applicable State statute, Board Policy, and the Board of Regents Strategic Plan are listed below for each campus.

<table>
<thead>
<tr>
<th>Campus</th>
<th>State Statute</th>
<th>Board Policy</th>
</tr>
</thead>
<tbody>
<tr>
<td>BHSU</td>
<td>SDCL § 13-59</td>
<td>BOR Policy 1:10:4</td>
</tr>
<tr>
<td>DSU</td>
<td>SDCL § 13-59</td>
<td>BOR Policy 1:10:5</td>
</tr>
<tr>
<td>NSU</td>
<td>SDCL § 13-59</td>
<td>BOR Policy 1:10:6</td>
</tr>
<tr>
<td>SDSMT</td>
<td>SDCL § 13-60</td>
<td>BOR Policy 1:10:3</td>
</tr>
<tr>
<td>SDSU</td>
<td>SDCL § 13-58</td>
<td>BOR Policy 1:10:2</td>
</tr>
<tr>
<td>USD</td>
<td>SDCL § 13-57</td>
<td>BOR Policy 1:10:1</td>
</tr>
</tbody>
</table>

The proposed program furthers the mandate and strategic plan of the Board of Regents and the University of South Dakota (USD) by providing new high quality, efficient, flexible, equitable, affordable, and accessible graduate education to the residents of South Dakota. This program will help address USD’s strategic plan of “serving South Dakota”. The proposal aligns with the Board’s strategic plan 2014-2020 by growing the number of graduate degrees and expanding the research and economic development opportunities in the state. The new program enhances and enriches the educational mission at the University of South Dakota and contributes to the overall educational attainment, research and productivity in the state. The program is aligned with the statutory mission of the University of South Dakota, as provided in SDCL 13-57-1:

“Designated as South Dakota’s Liberal Arts University, the University of South Dakota, established and located at Vermillion, in Clay County, shall be under the control of the Board of Regents and shall provide undergraduate and graduate programs of instruction in the liberal arts and sciences and professional education in business, education, fine arts, law and medicine, and other courses or programs as the Board of Regents may determine. (SDCL 13-57-1)”

The Board implemented SDCL 13-57-1 by authorizing undergraduate and graduate programs in the liberal arts and sciences and in professional education and by requiring the University to promote excellence in teaching and learning, to support research, scholarly and creative activities, and to provide service to the State of South Dakota, the region, and beyond. The University of South Dakota is the comprehensive university of the South Dakota System of Higher Education. Specifically, this program aligns with current goals within the USD Strategic Plan to “enrich academic experience for graduate and professional students; maintain and enhance critical components of the liberal arts in both curricular and co-curricular arenas; and collaborate with community leaders on targeted economic development.” The proposed CRNA program will create a unique opportunity to address a significant workforce shortage, increase access to evidence-based care for vulnerable populations, and utilize community partnerships to increase reach and impact.

1 Council on Accreditation of Nurse Anesthesia programs Policies and Procedures Manual Published in 2012 and Revised in 2018
2 https://doh.sd.gov/boards/nursing/CRNA-Practice.aspx

AAC Form 2.10 – New Graduate Degree Program
(Last Revised 01/2021)
3. Describe the workforce demand for graduates of the program, including national demand and demand within South Dakota.

Nurse Anesthetists work in a variety of settings where they administer anesthesia and provide care before, during, and after surgical, therapeutic, diagnostic, and obstetrical procedures. They also provide pain management and some emergency services. The scope of practice for CRNAs varies from state to state.

Nurse Anesthetists are the sole provider of anesthesia care in 83% of South Dakota counties. Overall employment of nurse anesthetists, nurse midwives, and nurse practitioners is projected to grow 45% from 2019 to 2029, much faster than the average for all occupations. Growth will occur primarily because of an increased emphasis on preventive care and demand for healthcare services from an aging population. See Table below:

### Employment projections for CRNAs

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Nurse anesthetists, nurse midwives, and nurse practitioners</td>
<td>29-1151</td>
<td>263,400</td>
<td>381,100</td>
<td>45 117,700</td>
<td>—</td>
</tr>
<tr>
<td>Nurse anesthetists</td>
<td>29-1161</td>
<td>44,900</td>
<td>51,000</td>
<td>14 6,200</td>
<td>Get data</td>
</tr>
<tr>
<td>Nurse midwives</td>
<td>29-1161</td>
<td>7,200</td>
<td>8,100</td>
<td>12 800</td>
<td>Get data</td>
</tr>
<tr>
<td>Nurse practitioners</td>
<td>29-1171</td>
<td>211,300</td>
<td>322,000</td>
<td>52 110,700</td>
<td>Get data</td>
</tr>
</tbody>
</table>


The U.S. Bureau of Labor Statistics estimates job growth for nurse anesthetists to increase 14% between the years 2019-2029. This increase is reflected as a total increase of 5,800 jobs from the 2019 Nurse Anesthetist employment number of 44,900 to an estimated 51,000 in 2029. According to the South Dakota Board of Nursing Workforce 2019 Supply and Employment Characteristics Report, there were 493 licensed CRNAs in the state in 2017. During the same reporting period, South Dakota added 73 CRNAs to its active supply pool; 32 were added as new graduates and 41 were added by endorsement from another state. However, South Dakota lost 43 CRNAs during this same period, leaving a net supply of only 39 nurses.

CRNAs are the sole anesthesia providers in a significant majority of SD counties. Anesthesia care is available in South Dakota providing access to quality and safe anesthesia care to rural South Dakotans. The South Dakota Department of Labor and Regulation projects that employment of CRNAs in South Dakota will increase by 16.3 percent between 2018 and 2028. According to the Bureau Labor and Statistics published data on mean wages for CRNAs by State, South Dakota is in the range of $184,380 to $195,010.

The location quotient is the ratio of the area concentration of occupational employment to the national average concentration. A location quotient greater than one indicates the occupation has a higher share of employment than average, and a location quotient less than one indicates the

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4 [https://www.bls.gov/oes/current/oes291151.htm](https://www.bls.gov/oes/current/oes291151.htm)
6 Projections Managing Partnership, in cooperation with the U.S. Department of Labor, Employment and Training Administration.

AAC Form 2.10 – New Graduate Degree Program
(Last Revised 01/2021)
occupation is less prevalent in the area than average\textsuperscript{7}. South Dakota has a location quotient of 2.91, indicating high utilization of CRNAs.

4. How will the proposed program benefit students?

While CRNAs are in high demand, currently, there is only one program in the state that offers CRNA education. The program has a 33-seat capacity and is housed at Mount Marty University.\textsuperscript{8} The proposed DNAP program will uniquely attract applicants who have a demonstrated commitment to health care and wish to advance their professional qualifications. The program at USD will open new opportunities for students seeking CRNA education in the state and who desire to stay and practice in South Dakota. CRNA programs are in high demand and employment of CRNAs is close to 100%. Acceptance into CRNA programs in the region ranges from 10-30%. For example, University of North Dakota acceptance rate is 27% based on 60 qualified applicants.\textsuperscript{9} Mount Marty University’s acceptance rate is 30% based 105 qualified applicants\textsuperscript{10} and University of Minnesota’s is 10% based on 60 qualified applicants\textsuperscript{11}. In addition, USD will offer regionally competitive tuition and fee structure, in part due to the already existing infrastructure to make the CRNA program affordable.

5. Program Proposal Rationale:

A. If a new degree is proposed, what is the rationale

State and nationwide supply-demand and recruiting trends clearly reflect overall growth and significant increase in demand for CRNAs. Demand will most likely remain high into the foreseeable future.\textsuperscript{12} An affordable, quality CRNA program at the University of South Dakota will ensure adequate CRNA supply that is necessary for the vitality of the healthcare system in the state, including critical access and rural hospitals. Equipped with a robust and collaborative infrastructure in the state’s only comprehensive School of Health Sciences and Sanford School of Medicine (SSOM), USD is well-positioned to offer and sustain high quality CRNA programming with the Doctor of Nurse Anesthesia Practice degree at a competitive cost to meet the workforce needs because of the following:

1) Collaboration between the SSOM’s state-of-the-art Parry Center for Clinical Skills and Simulation and the School of Health Sciences. The Parry Center will provide necessary simulated learning experiences to complement clinical rotations, including operating room and simulated anesthesia experiences.

2) Collaboration between the Basic Biomedical Sciences program at USD cadaver laboratory and body donation program that will allow DNAP students to receive a high-quality anatomy and physiology education, foundational to the program.

3) Dynamic nursing curriculum with well qualified nursing faculty who are doctorally prepared

4) Robust Health Sciences curriculum with interprofessional learning experiences

5) Collaboration with the Sanford School of Medicine faculty who will provide strong support

\textsuperscript{7} https://www.bls.gov/oes/current/oes291151.htm
\textsuperscript{8} https://www.mountmart.edu/sioux-falls/performance-data/
\textsuperscript{9} https://cnpd.und.edu/nursing/nurse-anesthesia-dnp.html#d32e327-2
\textsuperscript{10} https://www.mountmart.edu/sioux-falls/performance-data/
\textsuperscript{11} https://www.all-crna-schools.com/university-of-minnesota-twin-cities/
6) Significant enrollment stability through tuition support from a local health system committed to providing significant scholarship and tuition support, in addition to clinical experiences necessary for success

B. What is the rationale for the curriculum?

The proposed curriculum includes nurse anesthesiology core courses, clinical residency courses, and DNAP core courses and has been prepared to meet or exceed the COA Standards for Doctoral Education, CCNE Standards for Accreditation of Baccalaureate and Graduate Nursing Programs, and American Association of Colleges of Nursing (AACN) Essentials of Doctorate Education for Advanced Nursing Practice.

C. Demonstrate/provide evidence that the curriculum is consistent with current national standards.

The proposed curriculum includes nurse anesthesiology core courses, clinical residency courses, and DNAP core courses and has been prepared to meet or exceed the COA Standards for Doctoral Education, CCNE Standards for Accreditation of Baccalaureate and Graduate Nursing Programs, and American Association of Colleges of Nursing (AACN) Essentials of Doctorate Education for Advanced Nursing Practice. The curriculum is organized in a cohesive and logical manner to remain sustainable over time and to allow students to master the main competencies and achieve the desired outcomes step by step in the consecutive courses (see Appendix A).

D. Summary of the degree program (complete the following tables):

<table>
<thead>
<tr>
<th>Doctor of Nurse Anesthesia Practice (DNAP)</th>
<th>Credit Hours</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required courses, all students</td>
<td>84</td>
<td>100%</td>
</tr>
<tr>
<td>Required option or specialization, if any</td>
<td>N/A</td>
<td>%</td>
</tr>
<tr>
<td>Electives</td>
<td>0</td>
<td>%</td>
</tr>
<tr>
<td>Total Required for the Degree Total</td>
<td>84</td>
<td></td>
</tr>
</tbody>
</table>

Required Courses

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Number</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>New (yes, no)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRNA</td>
<td>843</td>
<td>Advanced Anatomy/Physiology for Nurse Anesthesiology</td>
<td>4</td>
<td>yes</td>
</tr>
<tr>
<td>CRNA</td>
<td>844</td>
<td>Advanced Pharmacology for Nurse Anesthesiology I</td>
<td>3</td>
<td>yes</td>
</tr>
<tr>
<td>CRNA</td>
<td>852</td>
<td>Coexisting Pathologies and Anesthesia Implications</td>
<td>4</td>
<td>yes</td>
</tr>
<tr>
<td>CRNA</td>
<td>846</td>
<td>Advanced Pharmacology for Nurse Anesthesiology II</td>
<td>3</td>
<td>yes</td>
</tr>
<tr>
<td>NURS</td>
<td>773</td>
<td>Clinical Scholarship and Analytical Methods*</td>
<td>3</td>
<td>no</td>
</tr>
<tr>
<td>NURS</td>
<td>811</td>
<td>Scientific Underpinning and Evidence-based Practice*</td>
<td>3</td>
<td>no</td>
</tr>
<tr>
<td>NURS</td>
<td>812</td>
<td>Leadership Development in Healthcare Policy and Advocacy*</td>
<td>3</td>
<td>no</td>
</tr>
<tr>
<td>NURS</td>
<td>813</td>
<td>Scholarly writing and Communication *</td>
<td>1</td>
<td>no</td>
</tr>
<tr>
<td>NURS</td>
<td>814</td>
<td>Scholarly Writing for DNP Project*</td>
<td>1</td>
<td>no</td>
</tr>
<tr>
<td>CRNA</td>
<td>713</td>
<td>Professional Aspects of Nurse Anesthesiology Practice</td>
<td>2</td>
<td>yes</td>
</tr>
<tr>
<td>CRNA</td>
<td>715</td>
<td>Advanced Health Assessment for Nurse Anesthesiology Practice</td>
<td>3</td>
<td>yes</td>
</tr>
<tr>
<td>CRNA</td>
<td>716</td>
<td>Basic Principles of Nurse Anesthesiology Practice</td>
<td>4</td>
<td>yes</td>
</tr>
<tr>
<td>NURS</td>
<td>740</td>
<td>Population Health Nursing Interventions*</td>
<td>3</td>
<td>no</td>
</tr>
<tr>
<td>PUBH</td>
<td>710</td>
<td>Epidemiology*</td>
<td>3</td>
<td>no</td>
</tr>
<tr>
<td>NURS</td>
<td>861</td>
<td>Leadership Development in Quality Improvement in Nursing for Health Systems*</td>
<td>3</td>
<td>no</td>
</tr>
<tr>
<td>NURS</td>
<td>862</td>
<td>Leadership Development in Information Systems/Technology for Patient care improvement*</td>
<td>3</td>
<td>no</td>
</tr>
<tr>
<td>CRNA</td>
<td>854</td>
<td>Advanced Principles of Nurse Anesthesiology I</td>
<td>3</td>
<td>yes</td>
</tr>
</tbody>
</table>
**Elective Courses:** List courses available as electives in the program. Indicate any proposed new courses added specifically for the program.

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Number</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>New (yes, no)</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Subtotal | 84 |

**6. Student Outcomes and Demonstration of Individual Achievement**

**A. What specific knowledge and competencies, including technology competencies, will all students demonstrate before graduation?**

**Program Courses that Address the Outcomes**

<table>
<thead>
<tr>
<th>Individual Student Outcomes</th>
<th>CRNA Courses</th>
<th>Nursing Courses</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Demonstrate patient safety</td>
<td>X</td>
<td>x x x x x x</td>
<td>x</td>
</tr>
<tr>
<td>Demonstrate perianesthesia patient management</td>
<td>x x x x x x x x</td>
<td></td>
<td>x</td>
</tr>
<tr>
<td>Demonstrate critical thinking</td>
<td>x</td>
<td>x x x x x x</td>
<td></td>
</tr>
<tr>
<td>Demonstrate communication skills</td>
<td>x</td>
<td>x x x x x x</td>
<td></td>
</tr>
<tr>
<td>Demonstrate leadership skills</td>
<td>x</td>
<td>x x x x x x</td>
<td></td>
</tr>
<tr>
<td>Demonstrate CRNA professional role</td>
<td>x</td>
<td>x x x x x x</td>
<td></td>
</tr>
</tbody>
</table>

**Student Learning Outcomes:**

In addition to the DNP outcomes, Nurse Anesthesiology program graduates will have knowledge, skills and competencies related to patient safety, perianesthesia patient management, critical thinking, communication, leadership, and the professional role.

Patient safety will be demonstrated by the student’s ability to:

1. Be vigilant in the delivery of patient care
2. Conduct a comprehensive equipment check.
3. Protect patients from iatrogenic complications.
Perianesthesia patient management will be demonstrated by the student’s ability to:

1. Perform comprehensive histories and physical assessments.
2. Provide individualized, culturally competent, evidence-based perianesthesia care to patients across the lifespan.
3. Administer and/or manage various types of anesthesia techniques to patients with various physical conditions for a variety of surgical and medically related procedures.

Critical thinking will be demonstrated by the student’s ability to:

1. Apply theory and evidence-based principles in decision making/problem solving and when providing anesthesia services.
2. Perform a preanesthetic assessment and formulate an anesthesia plan of care before providing anesthesia services.
3. Identify and appropriately manage complications and/or anesthetic equipment-related malfunctions.
4. Interpret and utilize data obtained from noninvasive and invasive modalities.
5. Recognize, evaluate, and manage physiological responses coincident to the provision of anesthesia services.
6. Calculate, initiate, and manage fluid and blood component therapy.

Communication skills will be demonstrated by the student’s ability to:

1. Utilize interpersonal and communication skills that result in the effective exchange of information and collaboration with patients and their families while maintaining respect, privacy, and confidentiality of patients.
2. Utilize interpersonal and communication skills that result in the effective interprofessional exchange of information and collaboration with other healthcare professionals.
3. Utilize appropriate verbal, nonverbal, and written communication in the delivery and transfer of perianesthesia care.
4. Teach and mentor others.

Leadership skills will be demonstrated by the student’s ability to:

1. Integrate critical and reflective thinking in his or her leadership approach.
2. Employ strategic leadership skills to influence complex healthcare systems and advance the profession.

Professional role will be demonstrated by the student’s ability to:

1. Adhere to the Code of Ethics for the Certified Registered Nurse Anesthetist.
2. Function within legal and regulatory requirements and accept responsibility and accountability for his or her practice.
3. Participate in activities that support and improve patient care.
4. Advocate for professional specialty.
5. Demonstrate scholarship through presentations, publications, or leadership activities.
B. Are national instruments (i.e., examinations) available to measure individual student achievement in this field? If so, list them.

The National Board of Certification and Recertification of Nurse Anesthetists (NBCRNA) administers two national instruments to measure achievement in the field of nurse anesthesiology, the Self-Evaluation Exam (SEE) and the National Certification Exam (NCE). The SEE has three objectives: 1) to provide information to students about their progress in the nurse anesthesia educational program; 2) to provide information to program administrators on how well their programs are preparing the students with the knowledge they need for anesthesia practice; and 3) to prepare students for the NCE\textsuperscript{13}. The SEE has similar specifications to those of the NCE, is administered under secure conditions, and has a reporting system designed to provide maximum feedback to students and program administrators\textsuperscript{14}. Students will be required to take the SEE and meet a benchmark score prior to graduation.

The NCE measures the knowledge, skills, and abilities necessary for entry-level nurse anesthesia practitioners\textsuperscript{15}. Graduates of COA accredited Nurse Anesthesiology programs must pass the NCE to be certified.

C. How will individual students demonstrate mastery? Describe the specific examinations and/or processes used, including any external measures (including national exams, externally evaluated portfolios, or student activities, etc.). What are the consequences for students who do not demonstrate mastery?

Mastery in the Nurse Anesthesiology program will be demonstrated several ways. First, students who pass all their didactic courses will demonstrate content mastery. Evaluation of didactic courses will be via examinations, quizzes, and presentations. Second, students who pass their clinical courses will demonstrate mastery of clinical skills necessary for entry-level practitioners. Evaluation of clinical courses will be via clinical evaluation tools and simulation feedback. Third, students who score the national average for their level in the program (currently 409.7 for year 2 and 424.7 for year 3) will demonstrate mastery of the knowledge needed for anesthesia practice. Finally, students who pass the NCE will demonstrate mastery of the knowledge, skills, and abilities necessary for entry-level nurse anesthesia practitioners. Students who are not able to meet the didactic requirements will not be able to progress in the program. Students who are not meeting clinical requirements may be remediated using simulation; if they are still unable to meet the requirements, they will not be able to progress in the program. Students who do not score the benchmark on the SEE will be required to retake the SEE until they do meet the benchmark to graduate.

7. What instructional approaches and technologies will instructors use to teach courses in the program?

The andragogy approach will be utilized in this program. Simulation will be incorporated throughout the curriculum to allow students to practice skills, develop competencies, and reinforce didactic knowledge in a safe environment, without potentially harming an actual patient. A human anatomy course with a cadaver lab will enhance the student’s anatomy knowledge. Didactic lectures may include audience-response systems, group projects, case scenarios, and workbooks to accommodate different learning styles.

\textsuperscript{13} https://www.nbcrna.com/exams/see-resources
\textsuperscript{14} https://www.nbcrna.com/exams/see-resources
\textsuperscript{15} https://www.nbcrna.com/exams/see-resources
8. Did the University engage any developmental consultants to assist with the development of the curriculum? Did the University consult any professional or accrediting associations during the development of the curriculum? What were the contributions of the consultants and associations to the development of curriculum? (Universities are encouraged to discuss the selection of developmental consultants with Board staff.)

Bruce Schoneboom, PhD, MHS, CRNA, FAAN, has 30 years’ experience as a certified registered nurse anesthetist (CRNA) and was appointed to serve as inaugural associate dean for practice, innovation, and leadership in 2018 at Johns Hopkins School of Nursing. Dr. Schoneboom advanced collaborations with the Johns Hopkins Health System (JHSON), particularly in anesthesiology, pain management, and global surgery, and expanded practice innovation and leadership within JHSON’s Doctor of Nursing Practice Program. With the Army, Dr. Schoneboom cared for patients in West Germany, joined the Army’s nurse anesthesia program, and earned his PhD in neuroscience from the Uniformed Services University of the Health Sciences. He commanded a surgical hospital on the Afghanistan-Pakistan border in 2006 where he cared for soldiers and provided humanitarian help to local nationals. He has also served on several national committees and task forces including the U.S. Department of Health and Human Services (HHS) National Advisory Council for Nursing Education and Practice and the HHS Inter-Agency Pain Management Best Practices Task Force. He also chaired the American Association of Nurse Anesthetists Full Scope of Practice Competency Task Force which made recommendations to the Council on Accreditation of Nurse Anesthesia Educational Programs (COA) that improved the criteria for students to graduate from accredited programs with the goal of improving the quality of the graduate. He currently is working alongside Dr. Marjorie Everson in consulting with other universities that are interested in establishing an accredited nurse anesthesia program.

Marjorie Everson PhD, CRNA, FNAP, has been a CRNA for 27 years and an educator for 18 years. She served in the roles of faculty (2003-2012, 2019-present), assistant program director (2012-2016, 2017-2019) and program director (2016-2017) in nurse anesthesiology programs. She successfully co-developed the COA accredited University of Southern Mississippi (USM) Nurse Anesthesia Program in 2012. Her work at USM entailed curriculum development, policy/procedure development, miscellaneous document creation, course development, self-study development/submission for initial accreditation and self-study development/submission for reaccreditation. She and Bruce Schoneboom successfully co-developed the COA accredited Johns Hopkins University (JHU) Nurse Anesthesiology program which received initial accreditation in 2020. Her work at JHU mirrored that of USM and she is currently developing and teaching courses there. She is a consultant to nurse anesthesiology program directors undergoing COA re-accreditation. She reviews program self-studies to insure they are meeting COA standards. Her recent clients include Dr. Kristie Hoch from the University of Arizona and Dr. Beth Clayton from the University of Cincinnati.

9. Are students enrolling in the program expected to be new to the university or redirected from other existing programs at the university? Complete the table below and explain the methodology used in developing the estimates? If question 12 includes a request for authorization for off-campus or distance delivery, add lines to the table for off-campus/distance students, credit hours, and graduates.

Students enrolled in the M.S. or Doctor of Nursing programs at USD or other regental universities may choose to pursue CRNA education and apply to the Doctor of Nurse Anesthesia Practice program. Registered nurses who hold a bachelor’s degree from an accredited program will comprise the majority of the applicants. USD has established ongoing support for the program with a local health system who will contribute significant resources to ramp up and to securing the program’s
sustainability and future success. The health system is also committed to providing significant enrollment stability clinical experiences that are necessary for the success of the program. The numbers presented in the Table below assume attrition of 1 student per cohort. Cohorts are admitted once a year starting with the summer semester. The program will ramp up enrollment from 10 in fiscal year 2024 (academic year 2023-2024) to 20 in year 2029. The table below is expanded to show when the program becomes self-sustaining.

<table>
<thead>
<tr>
<th>Estimates</th>
<th>FY2024</th>
<th>FY2025</th>
<th>FY2026</th>
<th>FY2027</th>
<th>FY2028</th>
<th>FY2029</th>
</tr>
</thead>
<tbody>
<tr>
<td>PgYr1: New enrollments (new to the University)</td>
<td>10</td>
<td>15</td>
<td>20</td>
<td>20</td>
<td>20</td>
<td>20</td>
</tr>
<tr>
<td>PgYr2: Returning enrollments from year 1</td>
<td>9</td>
<td>14</td>
<td>19</td>
<td>19</td>
<td>19</td>
<td>19</td>
</tr>
<tr>
<td>PgYr3: Returning enrollments from year 2</td>
<td>0</td>
<td>0</td>
<td>8</td>
<td>13</td>
<td>18</td>
<td>18</td>
</tr>
<tr>
<td>Students from other university programs</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>TOTAL ENROLLMENTS</td>
<td><strong>10</strong></td>
<td><strong>24</strong></td>
<td><strong>42</strong></td>
<td><strong>52</strong></td>
<td><strong>57</strong></td>
<td><strong>57</strong></td>
</tr>
<tr>
<td>Program credit hours (Major courses)</td>
<td>290</td>
<td>687</td>
<td>1188</td>
<td>1463</td>
<td>1598</td>
<td>1598</td>
</tr>
<tr>
<td>Graduates</td>
<td>9</td>
<td>18</td>
<td>19</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Do not include current fiscal year.

**This is the total number of credit hours generated by students in the program in the required or elective program courses. Use the same numbers in Appendix B – Budget.

10. Is program accreditation available? If so, identify the accrediting organization and explain whether accreditation is required or optional, the resources required, and the University’s plans concerning the accreditation of this program.

Accreditation is required through The Council on Accreditation of Nurse Anesthesia Educational programs (COA). The university will seek accreditation and has allocated necessary resources.

The current cost for initial COA accreditation is:
- Capability Application fee $11,050
- Onsite reviews ~ $6,075
- Doctoral degree review $6,075
- Distance education review $1,225

Annual accreditation maintenance is $106/student + base fee of $2390.
Re-accreditation in 5 years is ~ $15,000

11. Does the University request any exceptions to any Board policy for this program? Explain any requests for exceptions to Board Policy.

None
12. Delivery Location

Note: The accreditation requirements of the Higher Learning Commission (HLC) require Board approval for a university to offer programs off-campus and through distance delivery.

A. Complete the following charts to indicate if the university seeks authorization to deliver the entire program on campus, at any off campus location (e.g., UC Sioux Falls, Capital University Center, Black Hills State University-Rapid City, etc.) or deliver the entire program through distance technology (e.g., as an online program)?

<table>
<thead>
<tr>
<th>Yes/No</th>
<th>Intended Start Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>On campus</td>
<td>No</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Yes/No</th>
<th>If Yes, list location(s)</th>
<th>Intended Start Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Off campus</td>
<td>Yes</td>
<td>Sioux Falls</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Yes/No</th>
<th>If Yes, identify delivery methods</th>
<th>Intended Start Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distance Delivery (online/other distance delivery methods)</td>
<td>No</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Yes/No</th>
<th>If yes, identify institutions:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Does another BOR institution already have authorization to offer the program online?</td>
<td>No</td>
</tr>
</tbody>
</table>

B. Complete the following chart to indicate if the university seeks authorization to deliver more than 50% but less than 100% of the program through distance learning (e.g., as an online program)? This question responds to HLC definitions for distance delivery.

<table>
<thead>
<tr>
<th>Yes/No</th>
<th>If Yes, identify delivery methods</th>
<th>Intended Start Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distance Delivery (online/other distance delivery methods)</td>
<td>No</td>
<td>Internet Asynchronous for the courses with a NURS and PUBH prefixes (a total 20 credits). There is already BOR authorization to deliver those existing courses online</td>
</tr>
</tbody>
</table>

13. Cost, Budget, and Resources: Explain the amount and source(s) of any one-time and continuing investments in personnel, professional development, release time, time redirected from other assignments, instructional technology & software, other operations and maintenance, facilities, etc., needed to implement the proposed major. Address off-campus or distance delivery separately.

USD will be able to offer regionally competitive tuition and fee structure, in part due to the already existing infrastructure. We are requesting a DNAP program fee and we will follow SD BOR Policy 5:5:3 for tuition and fee structure for this program. See Appendix B.
14. Board Policy 2:1 states: “Independent external consultants retained by the Board shall evaluate proposals for new graduate programs unless waived by the Executive Director.” Identify five potential consultants (including contact information and short 1-2 page CVs) and provide to the System Chief Academic Officer (the list of potential consultants may be provided as an appendix). In addition, provide names and contact information (phone numbers, e-mail addresses, URLs, etc.) for accrediting bodies and/or journal editors who may be able to assist the Board staff with the identification of consultants.

Nathaniel Michael Apatov CRNA, PhD
757-683-5263
napatov@odu.edu

Marjorie Everson PhD, CRNA, FNAP
406-452-5683
marjorieeverson@yahoo.com

Adrienne Grant Hartgerink, MSN, DNP, CRNA, Lt Col (ret), USAF
757-484-5456
ahartger@odu.edu

John P. McDonough, CRNA, Ed.D, Dr.(habil.)NScA, APRN, FRSM
239-272-0244
drjmcdonough@mindspring.com

Bruce Schoneboom PhD, MHS, CRNA, FAAN
202-302-1425
bschoneboom@aol.com

The Council on Accreditation of Nurse Anesthesia Educational Programs may be able to assist with the identification of consultants. https://www.coacrna.org/

15. Is the university requesting or intending to request permission for a new fee or to attach an existing fee to the program? If yes, explain.

X Yes  No

Explanation (if applicable):

We are requesting a CRNA fee of $3,500 per semester and will use SD BOR Policy # 5:5:3 for the tuition and fee structure for this program.
16. New Course Approval: New courses required to implement the new graduate program may receive approval in conjunction with program approval or receive approval separately. Please check the appropriate statement:

[ ] YES, the university is seeking approval of new courses related to the proposed program in conjunction with program approval. All New Course Request forms are included as Appendix C and match those described in section 5D.

[ ] NO, the university is not seeking approval of all new courses related to the proposed program in conjunction with program approval; the institution will submit new course approval requests separately or at a later date in accordance with Academic Affairs Guidelines.
## Appendix A

### Program Courses that Address the Outcomes

<table>
<thead>
<tr>
<th>Individual Student Outcomes</th>
<th>CRNA Courses</th>
<th>Nursing Courses</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>CRNA 713*</td>
<td>CRNA 715*</td>
<td>CRNA 716*</td>
</tr>
<tr>
<td>Demonstrate patient safety</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Demonstrate Peri-anesthesia patient management</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Demonstrate critical thinking</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Demonstrate communication skills</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Demonstrate Leadership skills</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Demonstrate CRNA Professional role</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

AAC Form 2.10 – New Graduate Degree Program
(Last Revised 01/2021)
### Appendix B

**1. Assumptions**

<table>
<thead>
<tr>
<th></th>
<th>1st</th>
<th>2nd</th>
<th>3rd</th>
<th>4th</th>
<th>5th</th>
<th>6th</th>
<th>7th</th>
<th>8th</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Headcount &amp; hours from proposal</strong></td>
<td>FY22</td>
<td>FY23</td>
<td>FY24</td>
<td>FY25</td>
<td>FY26</td>
<td>FY27</td>
<td>FY28</td>
<td>FY29</td>
</tr>
<tr>
<td>Full-time headcount (see table in proposal)</td>
<td>0</td>
<td>0</td>
<td>10</td>
<td>24</td>
<td>42</td>
<td>57</td>
<td>57</td>
<td>57</td>
</tr>
<tr>
<td>Program FY cr hrs, Off-Campus / Self-Support</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>27</td>
<td>42</td>
<td>57</td>
<td>57</td>
<td>57</td>
</tr>
<tr>
<td>PUBH Credit Hours</td>
<td>0</td>
<td>0</td>
<td>290</td>
<td>660</td>
<td>1,146</td>
<td>1,406</td>
<td>1,541</td>
<td>1,541</td>
</tr>
<tr>
<td>Program FY cr hrs, On-Campus / State-Support</td>
<td>0</td>
<td>0</td>
<td>290</td>
<td>660</td>
<td>1,146</td>
<td>1,406</td>
<td>1,541</td>
<td>1,541</td>
</tr>
<tr>
<td>NURS Credit Hours</td>
<td>0</td>
<td>0</td>
<td>290</td>
<td>660</td>
<td>1,146</td>
<td>1,406</td>
<td>1,541</td>
<td>1,541</td>
</tr>
<tr>
<td>Total Credit Hours</td>
<td>0</td>
<td>0</td>
<td>290</td>
<td>660</td>
<td>1,146</td>
<td>1,406</td>
<td>1,541</td>
<td>1,541</td>
</tr>
</tbody>
</table>

**2. Budget**

**Salary & Benefits**

<table>
<thead>
<tr>
<th></th>
<th>FY22</th>
<th>FY23</th>
<th>FY24</th>
<th>FY25</th>
<th>FY26</th>
<th>FY27</th>
<th>FY28</th>
<th>FY29</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRNA Faculty Regular .5 FTE / Program Director .5 FTE</td>
<td>0.50</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>Faculty Salary &amp; Benefits, average</td>
<td>$267,534</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CRNA Faculty Regular .5 FTE / Assistant Program Director .5 FTE</td>
<td>0.00</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>Faculty Salary &amp; Benefits, average</td>
<td>$227,599</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NURSING Faculty, Regular FTE</td>
<td>0.00</td>
<td>0.00</td>
<td>0.50</td>
<td>1.50</td>
<td>1.50</td>
<td>1.50</td>
<td>1.50</td>
<td></td>
</tr>
<tr>
<td>Faculty Salary &amp; Benefits, average</td>
<td>$121,486</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NURSING Faculty, Regular .5 FTE</td>
<td>0.50</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>Faculty Salary &amp; Benefits, average</td>
<td>$129,473</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other FTE</td>
<td>0.00</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>Faculty Salary &amp; Benefits, average</td>
<td>$181,959</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Advisor / Clinical Coordinator FTE (see next page)</td>
<td>0.00</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>Other Salary &amp; Benefits, average</td>
<td>$62,154</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Program Assistant FTE (see next page)</td>
<td>0.00</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>Other Salary &amp; Benefits, average</td>
<td>$54,167</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Operating Expenses**

<table>
<thead>
<tr>
<th></th>
<th>FY22</th>
<th>FY23</th>
<th>FY24</th>
<th>FY25</th>
<th>FY26</th>
<th>FY27</th>
<th>FY28</th>
<th>FY29</th>
</tr>
</thead>
<tbody>
<tr>
<td>Travel</td>
<td>$5,000</td>
<td>$7,500</td>
<td>$7,500</td>
<td>$18,750</td>
<td>$20,000</td>
<td>$20,000</td>
<td>$20,000</td>
<td>$20,000</td>
</tr>
<tr>
<td>Contractual Services</td>
<td>$45,000</td>
<td>$50,000</td>
<td>$27,500</td>
<td>$36,250</td>
<td>$75,000</td>
<td>$75,000</td>
<td>$75,000</td>
<td>$75,000</td>
</tr>
<tr>
<td>Supplies &amp; materials</td>
<td>$2,500</td>
<td>$5,000</td>
<td>$15,000</td>
<td>$20,000</td>
<td>$30,000</td>
<td>$30,000</td>
<td>$30,000</td>
<td>$30,000</td>
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<tr>
<td>Capital equipment</td>
<td>$2,500</td>
<td>$500,000</td>
<td>$50,000</td>
<td>$75,000</td>
<td>$75,000</td>
<td>$75,000</td>
<td>$75,000</td>
<td>$75,000</td>
</tr>
<tr>
<td>OE Subtotal</td>
<td>$55,000</td>
<td>$562,500</td>
<td>$100,000</td>
<td>$150,000</td>
<td>$200,000</td>
<td>$200,000</td>
<td>$200,000</td>
<td>$200,000</td>
</tr>
<tr>
<td>Total Resources</td>
<td>$188,767</td>
<td>$1,173,954</td>
<td>$836,934</td>
<td>$1,038,656</td>
<td>$1,194,889</td>
<td>$1,240,379</td>
<td>$1,240,379</td>
<td>$1,240,379</td>
</tr>
<tr>
<td>Resources Over (Under) Budget</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$77,649</td>
<td>$77,649</td>
</tr>
</tbody>
</table>

Provide a summary of the program costs and resources in the new program proposal.
### Estimated Salary & Benefits per FTE

<table>
<thead>
<tr>
<th>CRNA Faculty / Pgm Dir - 12 Mos</th>
<th>CRNA Faculty / Asst Pgm Dir - 12 Mos</th>
<th>Nursing Faculty - 12 Mos</th>
<th>BBS Faculty - 12 Mos</th>
<th>Clinical Faculty / Adjunct - 12 Mos</th>
<th>CRNA Advisor / Clinical Coordinator</th>
<th>Program Assistant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Estimated salary (average) - explain below</td>
<td>$255,000</td>
<td>$190,000</td>
<td>$97,000</td>
<td>$104,000</td>
<td>$150,000</td>
<td>$45,000</td>
</tr>
<tr>
<td>University’s variable benefits rate (see below)</td>
<td>0.1410</td>
<td>0.1410</td>
<td>0.1410</td>
<td>0.1410</td>
<td>0.1410</td>
<td>0.1410</td>
</tr>
<tr>
<td>Variable benefits</td>
<td>$31,725</td>
<td>$26,790</td>
<td>$15,077</td>
<td>$14,664</td>
<td>$21,150</td>
<td>$6,345</td>
</tr>
<tr>
<td>Health insurance/FTE, FY18</td>
<td>$10,809</td>
<td>$10,809</td>
<td>$10,809</td>
<td>$10,809</td>
<td>$10,809</td>
<td>$10,809</td>
</tr>
<tr>
<td>Average S&amp;B</td>
<td>$267,534</td>
<td>$227,599</td>
<td>$121,486</td>
<td>$129,473</td>
<td>$181,959</td>
<td>$62,154</td>
</tr>
</tbody>
</table>

Explain faculty used to develop the average salary & fiscal year salaries used. Enter amount above.

Market data and CRNA consultant was used to set/confirm CRNA Program Director / Faculty Salaries. AAMC and CUPA salaries as well as current faculty salaries in comparable ranks were used BBS and Nursing faculty.

Explain adjunct faculty costs used in table:

Adjunct faculty are primarily the CRNA clinical faculty that will provide supervision for Clinical Residencies. FTE equivalency and rate of pay was established based on anticipated workload and assignment for courses/students assigned and market salary for CRNA faculty (no directorship responsibilities)

Explain other [for example, CSA or exempt] salary & benefits. Enter amount above.

Advisor/Clinical Coordinator and Program Assistant were established using comparable classification for like positions on campus.

Summarize the operating expenses shown in the table:

Operating expenses include: Travel - faculty development travel, clinical site travel, accreditation and reaccreditation related travel. Contractual Services include consultant contracts, accreditation fees (initial and annual), library resources, maintainance / warranty contracts on simulation, lab and tech capital equipment, advertising & recruitment, APEX subscription, association fees. Supplies and Materials include general and GA lab and simulation supplies and materials. Capital Assets include employed FTE technology needs (computers, printers), GA lab and simulations capital equipment (anesthesia gas maching, surgical tables, surgical manikin w/intestines, EMR system, etc.).

Summarize resources available to support the new program (redirection, donations, grants, etc).

Program will be self-sustaining on tuition and fees by year 6. Ramp up cost will be a cost share between the university (redirect) and private contribution from major SD health care employer.

State-support: Change cell on page 1 to use the UG or GR net amount.

<table>
<thead>
<tr>
<th>Off-Campus / Self Support Tuition</th>
<th>FY21 Rate</th>
<th>HEFF</th>
<th>BOR/USD</th>
<th>BOR/USD</th>
<th>Net</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graduate - USD</td>
<td>$465.80</td>
<td>$53.57</td>
<td>$147.16</td>
<td>$147.16</td>
<td>$265.07</td>
</tr>
</tbody>
</table>

State-support: Change cell on page 1 to use the UG or GR net amount for your university.

<table>
<thead>
<tr>
<th>On-Campus / State Support Tuition</th>
<th>FY21 Rate</th>
<th>HEFF</th>
<th>BOR/USD</th>
<th>BOR/USD</th>
<th>Net</th>
</tr>
</thead>
<tbody>
<tr>
<td>GR Resident - USD</td>
<td>$356.80</td>
<td>$38.73</td>
<td>$29.17</td>
<td>$29.17</td>
<td>$268.90</td>
</tr>
</tbody>
</table>

Variable Benefits Rates

<table>
<thead>
<tr>
<th>University</th>
<th>FY21</th>
</tr>
</thead>
<tbody>
<tr>
<td>USD</td>
<td>14.10%</td>
</tr>
</tbody>
</table>

Change the benefits rate cell in the table on page 2 to point to the rate for your university.
Appendix C

SOUTH DAKOTA BOARD OF REGENTS
ACADEMIC AFFAIRS FORMS
New Course Request

USD
Institution
School of Health Sciences/Nursing Department
Division/Department
Elizabeth M. Freeburg
3/15/2021
Institutional Approval Signature
Date

Section 1. Course Title and Description

<table>
<thead>
<tr>
<th>Prefix &amp; No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRNA 713</td>
<td>Professional Aspects of Nurse Anesthesiology Practice</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>[Short title: Prof Aspct NURS Anesthes Pract]</td>
<td></td>
</tr>
</tbody>
</table>

Course Description
This course examines the professional role development of the nurse anesthesiologist. Content focuses on history of nurse anesthesiology; scope and standards of nurse anesthesiology practice; professional ethics; regulation of practice (governmental and nongovernmental); legal aspects of anesthesiology practice; wellness and substance use disorder; structure and function of state, national, and international nurse anesthesiology organizations; professional advocacy and issues in nurse anesthesiology practice. This course provides students with a comprehensive description of the nurse anesthesiology profession.

Registration Restrictions
Declared Doctor of Nurse Anesthesia Practice students only

Section 2. Review of Course

2.1. Will this be a unique or common course?

☒ Unique Course

If the request is for a unique course, institutions must review the common course catalog in the system course database to determine if a comparable common course already exists. List the two closest course matches in the common course catalog and provide a brief narrative explaining why the proposed course differs from those listed. If a search of the common course catalog determines an existing common course exists, complete the Authority to Offer an Existing Course Form. Courses requested without an attempt to find comparable courses will not be reviewed.

<table>
<thead>
<tr>
<th>Prefix &amp; No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAST 720</td>
<td>Professional Practice I-USD</td>
<td>2</td>
</tr>
<tr>
<td>NURS 615</td>
<td>Foundations of Advanced Nursing-SDSU</td>
<td>3</td>
</tr>
</tbody>
</table>

Provide explanation of differences between proposed course and existing system catalog courses below:

This proposed course is uniquely designed to meet the national requirements set by the Council on Accreditation of Nurse Anesthesia Educational Programs (COA). There are no other universities within the SD Board of Regents system currently providing courses that meet the specific objectives of COA for this Certified Registered Nurse Anesthetist program. No courses were found following an investigative search of the Banner/RIS system that meet these specific course requirements. The most similar courses listed are relevant to Physician Assistant Studies or to other areas of the Nursing discipline and not to CRNA students.
Section 3. Other Course Information

3.1. Are there instructional staffing impacts?
   ☒ Yes. Specify below: Yes, we will hire Nurse Anesthesia faculty to teach the course.

3.2. Existing program(s) in which course will be offered (i.e., any current or pending majors, minors, certificates, etc.): New-Doctor of Nurse Anesthesia Practice

3.3. Proposed instructional method by university (as defined by AAC Guideline 5.4): R-Lecture

3.4. Proposed delivery method by university (as defined by AAC Guideline 5.5): 001-Face to face

3.5. Term change will be effective: 2022-2023 catalog with Summer 2023 start

3.6. Can students repeat the course for additional credit?
   ☐ Yes, total credit limit: ___________ ☒ No

3.7. Will grade for this course be limited to S/U (pass/fail)?
   ☐ Yes ☒ No

3.8. Will section enrollment be capped?
   ☐ Yes, max per section: ___________ ☒ No

3.9. Will this course equate (i.e., be considered the same course for degree completion) with any other unique or common courses in the common course system database?
   ☐ Yes ☒ No

3.10. Is this prefix approved for your university?
     ☐ Yes ☒ No

Section 4. Department and Course Codes (Completed by University Academic Affairs)

4.1. University Department Code: UNUR

4.2. Banner Department Code: UNUR

4.3. Proposed CIP Code: 51.3804-Nurse Anesthetist

Is this a new CIP code for the university? ☒ Yes ☐ No

---

**SECTION 1. COURSE TITLE AND DESCRIPTION**

<table>
<thead>
<tr>
<th>Prefix &amp; No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRNA 715</td>
<td>Advanced Health Assessment for Nurse Anesthesiology Practice</td>
<td>3</td>
</tr>
</tbody>
</table>
Course Description
This course addresses health assessment by nurse anesthesiology practice. Critical thinking is emphasized as the basis for synthesis of knowledge regarding the performance of a health assessment. Laboratory experience includes health histories, perform physical assessments, and identify potential diagnostic tests for alterations in health patterns in specific client systems as it relates to nurse anesthesiology practice with emphasis on the differentiation of normal and abnormal findings by nurse anesthesiology practice.

Registration Restrictions
Declared Doctor of Nurse Anesthesia Practice students only

Section 2. Review of Course

2.2. Will this be a unique or common course?
☒ Unique Course

If the request is for a unique course, institutions must review the common course catalog in the system course database to determine if a comparable common course already exists. List the two closest course matches in the common course catalog and provide a brief narrative explaining why the proposed course differs from those listed. If a search of the common course catalog determines an existing common course exists, complete the Authority to Offer an Existing Course Form. Courses requested without an attempt to find comparable courses will not be reviewed.

<table>
<thead>
<tr>
<th>Prefix &amp; No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS 631</td>
<td>Advanced Assessment Across Lifespan-SDSU</td>
<td>4</td>
</tr>
<tr>
<td>NURS 765</td>
<td>FNP Integration: Practicum I-SDSU</td>
<td>7</td>
</tr>
</tbody>
</table>

Provide explanation of differences between proposed course and existing system catalog courses below:

This proposed course is uniquely designed to meet the national requirements set by the Council on Accreditation of Nurse Anesthesia Educational Programs (COA). There are no other universities within the SD Board of Regents system currently providing courses that meet the specific objectives of COA for this Certified Registered Nurse Anesthetist program. No courses were found following an investigative search of the Banner/RIS system that meet these specific course requirements. The most similar courses listed are relevant to other areas of the Nursing discipline and not to CRNA students.

Section 3. Other Course Information

3.11. Are there instructional staffing impacts?
☒ Yes. Specify below: Yes, we will hire Nurse Anesthesia faculty to teach the course.

3.12. Existing program(s) in which course will be offered (i.e., any current or pending majors, minors, certificates, etc.): New-Doctor of Nurse Anesthesia Practice

3.13. Proposed instructional method by university (as defined by AAC Guideline 5.4): C-Clinical Lab-Learning from this course takes place in a clinical laboratory in which diagnostic services and tests are performed on a human body; this course requires direct and close supervision of students by faculty.

3.14. Proposed delivery method by university (as defined by AAC Guideline 5.5): 001-Face to face

3.15. Term change will be effective: 2022-2023 catalog with Summer 2023 start

3.16. Can students repeat the course for additional credit?
☐ Yes, total credit limit: ___________ ☒ No

3.17. Will grade for this course be limited to S/U (pass/fail)?
☐ Yes ☒ No

3.18. Will section enrollment be capped?
☐ Yes, max per section: ___________ ☒ No
3.19. Will this course equate (i.e., be considered the same course for degree completion) with any other unique or common courses in the common course system database?

☐ Yes ☒ No

3.20. Is this prefix approved for your university?

☐ Yes ☒ No

Section 4. Department and Course Codes (Completed by University Academic Affairs)

4.4. University Department Code: UNUR

4.5. Banner Department Code: UNUR

4.6. Proposed CIP Code: 51.3804-Nurse Anesthetist

☒ Is this a new CIP code for the university? ☐ Yes ☒ No

Section 1. Course Title and Description

<table>
<thead>
<tr>
<th>Prefix &amp; No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRNA 716</td>
<td>Basic Principles of Nurse Anesthesiology Practice</td>
<td>4</td>
</tr>
</tbody>
</table>

[Short title: Basic Princ NURS Anesth Pract]

Course Description

The focus of this course is the development of foundational knowledge to deliver safe, effective anesthesia care across the lifespan. Content includes applied chemistry, biochemistry, physics, and genetics principles; anesthesia equipment, instrumentation, and technology; and general principles of anesthesiology practice. Relevant literature related to evidence-based best practices will be reviewed. Simulation will be incorporated in the course.

Registration Restrictions

Declared Doctor of Nurse Anesthesia Practice students only

Section 2. Review of Course

2.3. Will this be a unique or common course?

☒ Unique Course

If the request is for a unique course, institutions must review the common course catalog in the system course database to determine if a comparable common course already exists. List the two closest course matches in the common course catalog and provide a brief narrative explaining why the proposed course differs from those listed. If a search of the common course catalog determines an existing common course exists, complete the Authority to Offer an Existing Course Form. Courses requested without an attempt to find comparable courses will not be reviewed.

<table>
<thead>
<tr>
<th>Prefix &amp; No.</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>SURG 820</td>
<td>General Surgery- USD SSOM</td>
<td>1-8</td>
</tr>
</tbody>
</table>
Provide explanation of differences between proposed course and existing system catalog courses below:

This proposed course is uniquely designed to meet the national requirements set by the Council on Accreditation of Nurse Anesthesia Educational Programs (COA). There are no other universities within the SD Board of Regents system currently providing courses that meet the specific objectives of COA for this Certified Registered Nurse Anesthetist program. No courses were found following an investigative search of the Banner/RIS system that meet these specific course requirements. The most similar courses listed are only available to Pillar IV SSOM medical students and are specific to their curriculum and not to CRNA students.

Section 3. Other Course Information

3.21. Are there instructional staffing impacts?
☒ Yes. Specify below: Yes, we will hire Nurse Anesthesia faculty to teach the course.

3.22. Existing program(s) in which course will be offered (i.e., any current or pending majors, minors, certificates, etc.): New-Doctor of Nurse Anesthesia Practice

3.23. Proposed instructional method by university (as defined by AAC Guideline 5.4): R-Lecture

3.24. Proposed delivery method by university (as defined by AAC Guideline 5.5): 001-Face to face

3.25. Term change will be effective: 2022-2023 catalog with Summer 2023 start

3.26. Can students repeat the course for additional credit?
☐ Yes, total credit limit: __________  ☒ No

3.27. Will grade for this course be limited to S/U (pass/fail)?
☐ Yes  ☒ No

3.28. Will section enrollment be capped?
☐ Yes, max per section: __________  ☒ No

3.29. Will this course equate (i.e., be considered the same course for degree completion) with any other unique or common courses in the common course system database?
☐ Yes  ☒ No

3.30. Is this prefix approved for your university?
☐ Yes  ☒ No

Section 4. Department and Course Codes (Completed by University Academic Affairs)

4.7. University Department Code: UNUR

4.8. Banner Department Code: UNUR


Is this a new CIP code for the university?  ☒ Yes  ☐ No
Section 1. Course Title and Description

<table>
<thead>
<tr>
<th>Prefix &amp; No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRNA 843</td>
<td>Advanced Anatomy/Physiology for Nurse Anesthesiology</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>[Short title: Adv ANAT/PHYS for NURS Anesth]</td>
<td></td>
</tr>
</tbody>
</table>

Course Description

This course presents an extensive exploration of human anatomy, physiology, and pathophysiology of the human body’s organs. The system-focused content addresses normal structure, physiologic, and pathologic mechanisms of disease that serve as the foundation for advanced clinical assessment, decision-making, and management. This course includes a human cadaver lab.

Registration Restrictions

Declared Doctor of Nurse Anesthesia Practice students only

Section 2. Review of Course

2.4. Will this be a unique or common course?

☒ Unique Course

If the request is for a unique course, institutions must review the common course catalog in the system course database to determine if a comparable common course already exists. List the two closest course matches in the common course catalog and provide a brief narrative explaining why the proposed course differs from those listed. If a search of the common course catalog determines an existing common course exists, complete the Authority to Offer an Existing Course Form. Courses requested without an attempt to find comparable courses will not be reviewed.

<table>
<thead>
<tr>
<th>Prefix &amp; No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANAT 711</td>
<td>Human Gross Anatomy-USD</td>
<td>1-8</td>
</tr>
<tr>
<td>PHGY 730</td>
<td>Human Physiology-USD</td>
<td>6</td>
</tr>
</tbody>
</table>

Provide explanation of differences between proposed course and existing system catalog courses below:

This proposed course is uniquely designed to meet the national requirements set by the Council on Accreditation of Nurse Anesthesia Educational Programs (COA). There are no other universities within the SD Board of Regents system currently providing courses that meet the specific objectives of COA for this Certified Registered Nurse Anesthetist program. No courses were found following an investigative search of the Banner/RIS system that meet these specific course requirements. The most similar courses listed were not a combined Anat/Phys course and are specifically tailored to the PA, PT, OT programs or graduate students desiring to apply to medical school.

Section 3. Other Course Information

3.31. Are there instructional staffing impacts?

☒ Yes. Specify below: Yes, we will hire Nurse Anesthesia faculty to teach the course.
3.32. Existing program(s) in which course will be offered (i.e., any current or pending majors, minors, certificates, etc.): New-Doctor of Nurse Anesthesia Practice

3.33. Proposed instructional method by university (as defined by AAC Guideline 5.4): R-Lecture

3.34. Proposed delivery method by university (as defined by AAC Guideline 5.5): 001-Face to face

3.35. Term change will be effective: 2022-2023 catalog with Summer 2023 start

3.36. Can students repeat the course for additional credit?
   - ☐ Yes, total credit limit: ___________  ☒ No

3.37. Will grade for this course be limited to S/U (pass/fail)?
   - ☐ Yes  ☒ No

3.38. Will section enrollment be capped?
   - ☐ Yes, max per section: ___________  ☒ No

3.39. Will this course equate (i.e., be considered the same course for degree completion) with any other unique or common courses in the common course system database?
   - ☐ Yes  ☒ No

3.40. Is this prefix approved for your university?
   - ☐ Yes  ☒ No

---

### Section 4. Department and Course Codes (Completed by University Academic Affairs)

4.10. University Department Code: UNUR

4.11. Banner Department Code: UNUR


Is this a new CIP code for the university?  ☒ Yes  ☐ No

---

### SOUTH DAKOTA BOARD OF REGENTS

ACADEMIC AFFAIRS FORMS

New Course Request

<table>
<thead>
<tr>
<th>Institution</th>
<th>Division/Department</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>USD School of Health Sciences/Nursing Department</td>
<td>Elizabeth M. Freeburg</td>
<td>3/15/2021</td>
</tr>
</tbody>
</table>

### Section 1. Course Title and Description

<table>
<thead>
<tr>
<th>Prefix &amp; No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRNA 844</td>
<td>Advanced Pharmacology for Nurse Anesthesiology I</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>[Short title: Adv Pharm for NURS Anesthes I]</td>
<td></td>
</tr>
</tbody>
</table>

Course Description
This is the first of two courses and will build upon basic pharmacology knowledge attained in the professional nurse’s education and experience. This advanced course will begin with an overview of pharmacodynamics, pharmacokinetics, and drug interactions. The focus of this course will be on the clinical use of drugs for common clinical conditions across the lifespan.

Registration Restrictions
Declared Doctor of Nurse Anesthesia Practice students only

Section 2. Review of Course

2.5. Will this be a unique or common course?

☒ Unique Course
If the request is for a unique course, institutions must review the common course catalog in the system course database to determine if a comparable common course already exists. List the two closest course matches in the common course catalog and provide a brief narrative explaining why the proposed course differs from those listed. If a search of the common course catalog determines an existing common course exists, complete the Authority to Offer an Existing Course Form. Courses requested without an attempt to find comparable courses will not be reviewed.

<table>
<thead>
<tr>
<th>Prefix &amp; No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHAR 720</td>
<td>Medical Pharmacology-USD</td>
<td>1-5</td>
</tr>
<tr>
<td>PHAR 730</td>
<td>Pre-prof Pharmacology I-USD</td>
<td>3</td>
</tr>
</tbody>
</table>

Provide explanation of differences between proposed course and existing system catalog courses below:

This proposed course is uniquely designed to meet the national requirements set by the Council on Accreditation of Nurse Anesthesia Educational Programs (COA). There are no other universities within the SD Board of Regents system currently providing courses that meet the specific objectives of COA for this Certified Registered Nurse Anesthetist program. No courses were found following an investigative search of the Banner/RIS system that meet these specific course requirements. The most similar courses listed are tailored to PA students (PHAR 720) and graduate students intending to apply to medical school (PHAR 730). Their scope and level are not specific to the practice of CRNA.

Section 3. Other Course Information

3.41. Are there instructional staffing impacts?

☒ Yes. Specify below: Yes, we will hire Nurse Anesthesia faculty to teach the course.

3.42. Existing program(s) in which course will be offered (i.e., any current or pending majors, minors, certificates, etc.): New-Doctor of Nurse Anesthesia Practice

3.43. Proposed instructional method by university (as defined by AAC Guideline 5.4): R-Lecture

3.44. Proposed delivery method by university (as defined by AAC Guideline 5.5): 001-Face to face

3.45. Term change will be effective: 2022-2023 catalog with Summer 2023 start

3.46. Can students repeat the course for additional credit?

☐ Yes, total credit limit: _______ ☒ No

3.47. Will grade for this course be limited to S/U (pass/fail)?

☐ Yes ☒ No

3.48. Will section enrollment be capped?

☐ Yes, max per section: _______ ☒ No

3.49. Will this course equate (i.e., be considered the same course for degree completion) with any other unique or common courses in the common course system database?

☐ Yes ☒ No

3.50. Is this prefix approved for your university?

☐ Yes ☒ No
Section 4. Department and Course Codes (Completed by University Academic Affairs)

4.13. University Department Code: UNUR
4.15. Proposed CIP Code: 51.3804-Nurse Anesthetist

Is this a new CIP code for the university? ☒ Yes ☐ No

SOUTH DAKOTA BOARD OF REGENTS
ACADEMIC AFFAIRS FORMS
New Course Request

USD School of Health Sciences/Nursing Department
Institution Division/Department
Elizabeth M. Freeburg 3/15/2021

Institutional Approval Signature Date

Section 1. Course Title and Description

<table>
<thead>
<tr>
<th>Prefix &amp; No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRNA 846</td>
<td>Advanced Pharmacology for Nurse Anesthesiology II</td>
<td>3</td>
</tr>
</tbody>
</table>

[Short title: Adv Pharm for NURS Anesthes II]

Course Description
This is the second of two courses and is designed to build upon the concepts learned in the first course. It provides an in-depth foundation of advanced pharmacology principles and their application to anesthesia across the lifespan, including special populations. The course provides detailed explorations of the uptake, distribution, biotransformation, and elimination of currently used clinical anesthesia pharmacotherapeutics.

Pre-requisites

<table>
<thead>
<tr>
<th>Prefix &amp; No.</th>
<th>Course Title</th>
<th>Pre-Req/Co-Req?</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRNA 844</td>
<td>Advanced Pharmacology for Nurse Anesthesiology I</td>
<td>Pre-Req</td>
</tr>
</tbody>
</table>

Registration Restrictions
Declared Doctor of Nurse Anesthesia Practice students only

Section 2. Review of Course

2.6. Will this be a unique or common course?

☒ Unique Course

If the request is for a unique course, institutions must review the common course catalog in the system course database to determine if a comparable common course already exists. List the two closest course matches in the common course catalog and provide a brief narrative explaining why the proposed course differs from those listed. If a search of the common course catalog determines an existing common course exists, complete the Authority to Offer an Existing Course Form. Courses requested without an attempt to find comparable courses will not be reviewed.

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<thead>
<tr>
<th>Prefix &amp; No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHAR 721</td>
<td>Medical Pharmacology II-USD</td>
<td>1-3</td>
</tr>
<tr>
<td>PHAR 731</td>
<td>Pre-prof Pharmacology II-USD</td>
<td>3</td>
</tr>
</tbody>
</table>

Provide explanation of differences between proposed course and existing system catalog courses below:

This proposed course is uniquely designed to meet the national requirements set by the Council on Accreditation of Nurse Anesthesia Educational Programs (COA). There are no other universities within the SD Board of Regents system currently providing courses that meet the specific objectives of COA for this Certified Registered Nurse Anesthetist.
Section 3. Other Course Information

3.5. Are there instructional staffing impacts?
☐ Yes. Specify below: Yes, we will hire Nurse Anesthesia faculty to teach the course.

3.52. Existing program(s) in which course will be offered (i.e., any current or pending majors, minors, certificates, etc.): New-Doctor of Nurse Anesthesia Practice

3.53. Proposed instructional method by university (as defined by AAC Guideline 5.4): R-Lecture

3.54. Proposed delivery method by university (as defined by AAC Guideline 5.5): 001-Face to face

3.55. Term change will be effective: 2022-2023 catalog with Summer 2023 start

3.56. Can students repeat the course for additional credit?
☐ Yes, total credit limit: _______ ☒ No

3.57. Will grade for this course be limited to S/U (pass/fail)?
☐ Yes ☒ No

3.58. Will section enrollment be capped?
☐ Yes, max per section: _______ ☒ No

3.59. Will this course equate (i.e., be considered the same course for degree completion) with any other unique or common courses in the common course system database?
☐ Yes ☒ No

3.6. Is this prefix approved for your university?
☐ Yes ☒ No

Section 4. Department and Course Codes (Completed by University Academic Affairs)

4.16. University Department Code: UNUR

4.17. Banner Department Code: UNUR

4.18. Proposed CIP Code: 51.3804-Nurse Anesthetist

Is this a new CIP code for the university? ☒ Yes ☐ No
Section 1. Course Title and Description

<table>
<thead>
<tr>
<th>Prefix &amp; No.</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CRNA 852</td>
<td>Coexisting Pathologies and Anesthesia Implications [Short title: Coex Path &amp; Anesthesia Implic]</td>
<td>4</td>
</tr>
</tbody>
</table>

Course Description
This course focuses on pathophysiology of the human body’s organ system with an emphasis on clinical application and integration into nurse anesthesiology practice. This course will provide a foundation for principles of practice.

Registration Restrictions
Declared Doctor of Nurse Anesthesia Practice students only

Section 2. Review of Course

2.7. Will this be a unique or common course?

☒ Unique Course
If the request is for a unique course, institutions must review the common course catalog in the system course database to determine if a comparable common course already exists. List the two closest course matches in the common course catalog and provide a brief narrative explaining why the proposed course differs from those listed. If a search of the common course catalog determines an existing common course exists, complete the Authority to Offer an Existing Course Form. Courses requested without an attempt to find comparable courses will not be reviewed.

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<thead>
<tr>
<th>Prefix &amp; No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PATH 821</td>
<td>General Pathology-USD SSOM</td>
<td>1-8</td>
</tr>
<tr>
<td>PATH 827</td>
<td>General Pathology- USD SSOM</td>
<td>1-8</td>
</tr>
</tbody>
</table>

Provide explanation of differences between proposed course and existing system catalog courses below:
This proposed course is uniquely designed to meet the national requirements set by the Council on Accreditation of Nurse Anesthesia Educational Programs (COA). There are no other universities within the SD Board of Regents system currently providing courses that meet the specific objectives of COA for this Certified Registered Nurse Anesthetist program. No courses were found following an investigative search of the Banner/RIS system that meet these specific course requirements. The most similar courses listed are only available to Pillar III and IV medical students.

Section 3. Other Course Information

3.61. Are there instructional staffing impacts?

☒ Yes. Specify below: Yes, we will hire Nurse Anesthesia faculty to teach the course.

3.62. Existing program(s) in which course will be offered (i.e., any current or pending majors, minors, certificates, etc.): New-Doctor of Nurse Anesthesia Practice

3.63. Proposed instructional method by university (as defined by AAC Guideline 5.4): R-Lecture
3.64. Proposed delivery method by university (as defined by AAC Guideline 5.5): 001-Face to face

3.65. Term change will be effective: 2022-2023 catalog with Summer 2023 start

3.66. Can students repeat the course for additional credit?
   ☐ Yes, total credit limit: _________ ☒ No

3.67. Will grade for this course be limited to S/U (pass/fail)?
   ☐ Yes ☒ No

3.68. Will section enrollment be capped?
   ☐ Yes, max per section: _________ ☒ No

3.69. Will this course equate (i.e., be considered the same course for degree completion) with any other unique or common courses in the common course system database?
   ☐ Yes ☒ No

3.70. Is this prefix approved for your university?
   ☐ Yes ☒ No

Section 4. Department and Course Codes (Completed by University Academic Affairs)

4.19. University Department Code: UNUR

4.20. Banner Department Code: UNUR


Is this a new CIP code for the university? ☒ Yes ☐ No

SOUTH DAKOTA BOARD OF REGENTS
ACADEMIC AFFAIRS FORMS
New Course Request

Section 1. Course Title and Description

<table>
<thead>
<tr>
<th>Prefix &amp; No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRNA 854</td>
<td>Advanced Principles of Nurse Anesthesiology I</td>
<td>3</td>
</tr>
<tr>
<td>[Short title: Adv Princip of NURS Anesthes I]</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Course Description
This course will build upon the knowledge gained in the basic principles course. This course provides students with the foundation to provide safe, evidence-based anesthesia to patients undergoing common procedures with various anesthesia techniques. Relevant literature related to evidence-based best practices will be reviewed. Simulation will be incorporated in the course.

Registration Restrictions
Declared Doctor of Nurse Anesthesia Practice students only

Section 2. Review of Course

AAC Form 2.10 – New Graduate Degree Program
(Last Revised 01/2021)
2.8. Will this be a unique or common course?

☒ Unique Course

If the request is for a unique course, institutions must review the common course catalog in the system course database to determine if a comparable common course already exists. List the two closest course matches in the common course catalog and provide a brief narrative explaining why the proposed course differs from those listed. If a search of the common course catalog determines an existing common course exists, complete the Authority to Offer an Existing Course Form. Courses requested without an attempt to find comparable courses will not be reviewed.

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<tr>
<th>Prefix &amp; No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SURG 820</td>
<td>General Surgery-USD SSOM</td>
<td>1-8</td>
</tr>
<tr>
<td>SURG 824</td>
<td>Anesthesiology- USD SSOM</td>
<td>1-4</td>
</tr>
</tbody>
</table>

Provide explanation of differences between proposed course and existing system catalog courses below:

This proposed course is uniquely designed to meet the national requirements set by the Council on Accreditation of Nurse Anesthesia Educational Programs (COA). There are no other universities within the SD Board of Regents system currently providing courses that meet the specific objectives of COA for this Certified Registered Nurse Anesthetist program. No courses were found following an investigative search of the Banner/RIS system that meet these specific course requirements. The most similar courses listed are only available to Pillar IV SSOM medical students and are specific to their curriculum and not to CRNA students.

Section 3. Other Course Information

3.71. Are there instructional staffing impacts?

☒ Yes. Specify below: Yes, we will hire Nurse Anesthesia faculty to teach the course.

3.72. Existing program(s) in which course will be offered (i.e., any current or pending majors, minors, certificates, etc.): New-Doctor of Nurse Anesthesia Practice

3.73. Proposed instructional method by university (as defined by AAC Guideline 5.4): R-Lecture

3.74. Proposed delivery method by university (as defined by AAC Guideline 5.5): 001-Face to face

3.75. Term change will be effective: 2022-2023 catalog with Summer 2023 start

3.76. Can students repeat the course for additional credit?

☐ Yes, total credit limit: ________ ☒ No

3.77. Will grade for this course be limited to S/U (pass/fail)?

☐ Yes ☒ No

3.78. Will section enrollment be capped?

☐ Yes, max per section: ________ ☒ No

3.79. Will this course equate (i.e., be considered the same course for degree completion) with any other unique or common courses in the common course system database?

☐ Yes ☒ No

3.80. Is this prefix approved for your university?

☐ Yes ☒ No

Section 4. Department and Course Codes (Completed by University Academic Affairs)

4.22. University Department Code: UNUR

4.23. Banner Department Code: UNUR


Is this a new CIP code for the university? ☒ Yes ☐ No
Section 1. Course Title and Description

<table>
<thead>
<tr>
<th>Prefix &amp; No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRNA 856</td>
<td>Advanced Principles of Nurse Anesthesiology II</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>[Short title: Adv Princ of NURS Anesthes II]</td>
<td></td>
</tr>
</tbody>
</table>

Course Description

This course builds on knowledge gained from the previous anesthesia principles courses. Anesthesia considerations patients across the lifespan and special populations will be discussed to include anatomy, physiology, pathophysiology, pharmacology, anesthetic techniques, and management of complications. Relevant literature related to evidence-based best practices will be reviewed. This course provides students with the foundation to provide safe, evidence-based anesthesia to special populations. Simulation will be incorporated in the course.

Pre-requisites

<table>
<thead>
<tr>
<th>Prefix &amp; No.</th>
<th>Course Title</th>
<th>Pre-Req/Co-Req?</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRNA 854</td>
<td>Advanced Principles of Nurse Anesthesiology I</td>
<td>Pre-Req</td>
</tr>
</tbody>
</table>

Registration Restrictions

Declared Doctor of Nurse Anesthesia Practice students only

Section 2. Review of Course

2.9. Will this be a unique or common course?

☒ Unique Course

If the request is for a unique course, institutions must review the common course catalog in the system course database to determine if a comparable common course already exists. List the two closest course matches in the common course catalog and provide a brief narrative explaining why the proposed course differs from those listed. If a search of the common course catalog determines an existing common course exists, complete the Authority to Offer an Existing Course Form. Courses requested without an attempt to find comparable courses will not be reviewed.

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<thead>
<tr>
<th>Prefix &amp; No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SURG 820</td>
<td>General Surgery-USD SSOM</td>
<td>1-8</td>
</tr>
<tr>
<td>SURG 824</td>
<td>Anesthesiology-USD SSOM</td>
<td>1-4</td>
</tr>
</tbody>
</table>

Provide explanation of differences between proposed course and existing system catalog courses below:

This proposed course is uniquely designed to meet the national requirements set by the Council on Accreditation of Nurse Anesthesia Educational Programs (COA). There are no other universities within the SD Board of Regents system currently providing courses that meet the specific objectives of COA for this Certified Registered Nurse Anesthetist program. No courses were found following an investigative search of the Banner/RIS system that meet these specific course requirements. The most similar courses listed are only available to Pillar IV SSOM medical students and are specific to their curriculum and not to CRNA students.
Section 3. Other Course Information

3.81. Are there instructional staffing impacts?
☐ Yes. Specify below: Yes, we will hire Nurse Anesthesia faculty to teach the course.

3.82. Existing program(s) in which course will be offered (i.e., any current or pending majors, minors, certificates, etc.): New-Doctor of Nurse Anesthesia Practice

3.83. Proposed instructional method by university (as defined by AAC Guideline 5.4): R-Lecture

3.84. Proposed delivery method by university (as defined by AAC Guideline 5.5): 001-Face to face

3.85. Term change will be effective: 2022-2023 catalog with Summer 2023 start

3.86. Can students repeat the course for additional credit?
☐ Yes, total credit limit: __________   ☒ No

3.87. Will grade for this course be limited to S/U (pass/fail)?
☐ Yes   ☒ No

3.88. Will section enrollment be capped?
☐ Yes, max per section: __________   ☒ No

3.89. Will this course equate (i.e., be considered the same course for degree completion) with any other unique or common courses in the common course system database?
☐ Yes   ☒ No

3.90. Is this prefix approved for your university?
☐ Yes   ☒ No

Section 4. Department and Course Codes (Completed by University Academic Affairs)

4.25. University Department Code: UNUR

4.26. Banner Department Code: UNUR

4.27. Proposed CIP Code: 51.3804-Nurse Anesthetist

Is this a new CIP code for the university? ☒ Yes   ☐ No

SOUTH DAKOTA BOARD OF REGENTS
ACADEMIC AFFAIRS FORMS
New Course Request

USD School of Health Sciences/Nursing Department
Institution Division/Department
Elizabeth M. Freeburg 3/15/2021
Institutional Approval Signature Date

Section 1. Course Title and Description

<table>
<thead>
<tr>
<th>Prefix &amp; No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRNA 857</td>
<td>Advanced Principles of Nurse Anesthesiology III</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>[Short title: Adv Princ of NURS Anesthes III]</td>
<td></td>
</tr>
</tbody>
</table>
Course Description
This course is the last anesthesia principles course and builds upon knowledge gained in the first principles courses. Course content includes anesthesia considerations and management of more complex and specialty procedures. Relevant literature related to evidence-based best practices will be reviewed. This course provides students with the foundation to provide safe evidence-based anesthesia for patients undergoing specialty and complex procedures. Simulation will be incorporated in the course.

Pr Pre-requisites
<table>
<thead>
<tr>
<th>Prefix &amp; No.</th>
<th>Course Title</th>
<th>Pre-Req/Co-Req?</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRNA 856</td>
<td>Advanced Principles of Nurse Anesthesiology II</td>
<td>Pre-Req</td>
</tr>
</tbody>
</table>

Registration Restrictions
Declared Doctor of Nurse Anesthesia Practice students only

Section 2. Review of Course

2.10. Will this be a unique or common course?
☒ Unique Course

If the request is for a unique course, institutions must review the common course catalog in the system course database to determine if a comparable common course already exists. List the two closest course matches in the common course catalog and provide a brief narrative explaining why the proposed course differs from those listed. If a search of the common course catalog determines an existing common course exists, complete the Authority to Offer an Existing Course Form. Courses requested without an attempt to find comparable courses will not be reviewed.

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<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>SUGR 820</td>
<td>General Surgery-USD SSOM</td>
<td>1-8</td>
</tr>
<tr>
<td>SUGR 824</td>
<td>Anesthesiology- USD SSOM</td>
<td>1-4</td>
</tr>
</tbody>
</table>

Provide explanation of differences between proposed course and existing system catalog courses below:
This proposed course is uniquely designed to meet the national requirements set by the Council on Accreditation of Nurse Anesthesia Educational Programs (COA). There are no other universities within the SD Board of Regents system currently providing courses that meet the specific objectives of COA for this Certified Registered Nurse Anesthetist program. No courses were found following an investigative search of the Banner/RIS system that meet these specific course requirements. The most similar courses listed are only available to Pillar IV SSOM medical students and are specific to their curriculum and not to CRNA students.

Section 3. Other Course Information

3.91. Are there instructional staffing impacts?
☒ Yes. Specify below: Yes, we will hire Nurse Anesthesia faculty to teach the course.

3.92. Existing program(s) in which course will be offered (i.e., any current or pending majors, minors, certificates, etc.): New-Doctor of Nurse Anesthesia Practice

3.93. Proposed instructional method by university (as defined by AAC Guideline 5.4): R-Lecture

3.94. Proposed delivery method by university (as defined by AAC Guideline 5.5): 001-Face to face

3.95. Term change will be effective: 2022-2023 catalog with Summer 2023 start

3.96. Can students repeat the course for additional credit?
☐ Yes, total credit limit: __________  ☒ No

3.97. Will grade for this course be limited to S/U (pass/fail)?
☐ Yes  ☒ No

3.98. Will section enrollment be capped?
☐ Yes, max per section: __________  ☒ No
3.99. Will this course equate (i.e., be considered the same course for degree completion) with any other unique or common courses in the common course system database?
☐ Yes  ☒ No

3.100. Is this prefix approved for your university?
☐ Yes  ☒ No

Section 4. Department and Course Codes (Completed by University Academic Affairs)
4.28. University Department Code:  UNUR
4.29. Banner Department Code:  UNUR

Is this a new CIP code for the university?  ☒ Yes  ☐ No

SOUTH DAKOTA BOARD OF REGENTS
ACADEMIC AFFAIRS FORMS
New Course Request

USD  School of Health Sciences/Nursing Department
Institution  Division/Department
Elizabeth M. Freeburg  3/15/2021
Institutional Approval Signature  Date

Section 1. Course Title and Description

<table>
<thead>
<tr>
<th>Prefix &amp; No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRNA 877</td>
<td>Seminar I Business of Anesthesia</td>
<td>1</td>
</tr>
</tbody>
</table>

[Short title: Seminar I Busin of Anesthesia]

Course Description
This seminar course will introduce the student to business of nurse anesthesiology practice principles. Content includes practice management, anesthesia reimbursement, payment policies, and CRNA practice patterns.

Registration Restrictions
Declared Doctor of Nurse Anesthesia Practice students only

Section 2. Review of Course
2.11. Will this be a unique or common course?

☒ Unique Course
If the request is for a unique course, institutions must review the common course catalog in the system course database to determine if a comparable common course already exists. List the two closest course matches in the common course catalog and provide a brief narrative explaining why the proposed course differs from those listed. If a search of the common course catalog determines an existing common course exists, complete the Authority to Offer an Existing Course Form. Courses requested without an attempt to find comparable courses will not be reviewed.

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<thead>
<tr>
<th>Prefix &amp; No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS 688</td>
<td>Healthcare Business in a Digital Economy-USD</td>
<td>3</td>
</tr>
<tr>
<td>NURS 860</td>
<td>Health Ops/Finance Mgmt: Leadership-SDSU</td>
<td>3</td>
</tr>
</tbody>
</table>

Provide explanation of differences between proposed course and existing system catalog courses below:
This proposed course is uniquely designed to meet the national requirements set by the Council on Accreditation of Nurse Anesthesia Educational Programs (COA). There are no other universities within the SD Board of Regents system currently providing courses that meet the specific objectives of COA for this Certified Registered Nurse Anesthetist program. No courses were found following an investigative search of the Banner/RIS system that meet these specific course requirements. The only similar courses found do not include topics specific to anesthesia and the practice of a CRNA.

**Section 3. Other Course Information**

3.101. Are there instructional staffing impacts?

☒ Yes. Specify below: Yes, we will hire Nurse Anesthesia faculty to teach the course.

3.102. Existing program(s) in which course will be offered (i.e., any current or pending majors, minors, certificates, etc.): New-Doctor of Nurse Anesthesia Practice

3.103. Proposed instructional method by university (as defined by AAC Guideline 5.4): E-Seminar

3.104. Proposed delivery method by university (as defined by AAC Guideline 5.5): 001-Face to face

3.105. Term change will be effective: 2022-2023 catalog with Summer 2023 start

3.106. Can students repeat the course for additional credit?

☐ Yes, total credit limit: __________  ☒ No

3.107. Will grade for this course be limited to S/U (pass/fail)?

☒ Yes  ☐ No

3.108. Will section enrollment be capped?

☐ Yes, max per section: __________  ☒ No

3.109. Will this course equate (i.e., be considered the same course for degree completion) with any other unique or common courses in the common course system database?

☐ Yes  ☒ No

3.110. Is this prefix approved for your university?

☒ Yes  ☐ No

**Section 4. Department and Course Codes (Completed by University Academic Affairs)**

4.31. University Department Code: UNUR

4.32. Banner Department Code: UNUR

4.33. Proposed CIP Code: 51.3804-Nurse Anesthetist

*Is this a new CIP code for the university?*  ☒ Yes  ☐ No

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**SOUTH DAKOTA BOARD OF REGENTS**  
**ACADEMIC AFFAIRS FORMS**  
**New Course Request**

**USD**  
**School of Health Sciences/Nursing Department**

**Institution**  
**Division/Department**

**Elizabeth M. Freeburg**

**Institutional Approval Signature**  
**Date**

3/15/2021

---

**Section 1. Course Title and Description**

AAC Form 2.10 – New Graduate Degree Program  
(Last Revised 01/2021)
<table>
<thead>
<tr>
<th>Prefix &amp; No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRNA 878</td>
<td>Seminar II Clinical Topic Synthesis</td>
<td>2</td>
</tr>
</tbody>
</table>

**Course Description**

This clinical correlation course consists of relevant research and anesthesia topics presented by students and faculty, including current evidence-based practice literature, as well as culturally relevant information. The course is designed to encourage integration and correlation of research and clinical experiences to enhance the student’s theoretical foundation. This course reviews comprehensive topics encountered on the National Certification Examination (NCE).

**Registration Restrictions**

Declared Doctor of Nurse Anesthesia Practice students only

**Section 2. Review of Course**

2.12. Will this be a unique or common course?

☒ Unique Course

*If the request is for a unique course, institutions must review the common course catalog in the system course database to determine if a comparable common course already exists. List the two closest course matches in the common course catalog and provide a brief narrative explaining why the proposed course differs from those listed. If a search of the common course catalog determines an existing common course exists, complete the Authority to Offer an Existing Course Form. Courses requested without an attempt to find comparable courses will not be reviewed.*

<table>
<thead>
<tr>
<th>Prefix &amp; No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SURG 890</td>
<td>Seminar-USD SSOM</td>
<td>1-24</td>
</tr>
<tr>
<td>PAST 792</td>
<td>Topics-USD</td>
<td>1-7</td>
</tr>
</tbody>
</table>

Provide explanation of differences between proposed course and existing system catalog courses below:

This proposed course is uniquely designed to meet the national requirements set by the Council on Accreditation of Nurse Anesthesia Educational Programs (COA). There are no other universities within the SD Board of Regents system currently providing courses that meet the specific objectives of COA for this Certified Registered Nurse Anesthetist program. No courses were found following an investigative search of the Banner/RIS system that meet these specific course requirements. The most similar courses listed are relevant to the Physician Assistant Studies profession or limited to Pillar IV SSOM medical students and not to CRNA students.

**Section 3. Other Course Information**

3.111. Are there instructional staffing impacts?

☒ Yes. Specify below: Yes, we will hire Nurse Anesthesia faculty to teach the course.

3.112. Existing program(s) in which course will be offered (i.e., any current or pending majors, minors, certificates, etc.): New-Doctor of Nurse Anesthesia Practice

3.113. Proposed instructional method by university (as defined by AAC Guideline 5.4): E-Seminar

3.114. Proposed delivery method by university (as defined by AAC Guideline 5.5): 001-Face to face

3.115. Term change will be effective: 2022-2023 catalog with Summer 2023 start

3.116. Can students repeat the course for additional credit?

☐ Yes, total credit limit: ____________  ☒ No

3.117. Will grade for this course be limited to S/U (pass/fail)?

☐ Yes  ☒ No

3.118. Will section enrollment be capped?

☐ Yes, max per section: ____________  ☒ No

AAC Form 2.10 – New Graduate Degree Program

(Last Revised 01/2021)
3.119. Will this course equate (i.e., be considered the same course for degree completion) with any other unique or common courses in the common course system database?

☐ Yes ☒ No

3.120. Is this prefix approved for your university?

☐ Yes ☒ No

Section 4. Department and Course Codes (Completed by University Academic Affairs)

4.34. University Department Code: UNUR

4.35. Banner Department Code: UNUR

4.36. Proposed CIP Code: 51.3804-Nurse Anesthetist

Is this a new CIP code for the university? ☒ Yes ☐ No

SOUTH DAKOTA BOARD OF REGENTS
ACADEMIC AFFAIRS FORMS
New Course Request

USD School of Health Sciences/Nursing Department

Institution Division/Department

Elizabeth M. Freeburg 3/15/2021

Institutional Approval Signature Date

Section 1. Course Title and Description

<table>
<thead>
<tr>
<th>Prefix &amp; No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRNA 881</td>
<td>Clinical Residency I</td>
<td>3</td>
</tr>
</tbody>
</table>

Course Description

This is the first of five (5) clinical residency courses. Applications of perianesthesia concepts are integrated throughout the clinical experience. Students develop the advanced nursing practice role in anesthesia, including preoperative evaluation of patients and anesthetizing areas prior to anesthesia administration; develop patient/procedure specific anesthesia management plans; and administer safe vigilant anesthesia care to patients with various comorbidities.

Registration Restrictions

Declared Doctor of Nurse Anesthesia Practice students only

Section 2. Review of Course

2.13. Will this be a unique or common course?

☒ Unique Course

If the request is for a unique course, institutions must review the common course catalog in the system course database to determine if a comparable common course already exists. List the two closest course matches in the common course catalog and provide a brief narrative explaining why the proposed course differs from those listed. If a search of the common course catalog determines an existing common course exists, complete the Authority to Offer an Existing Course Form. Courses requested without an attempt to find comparable courses will not be reviewed.

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<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SURG 836</td>
<td>Resident Prep Curriculum- USD SSOM</td>
<td>2</td>
</tr>
<tr>
<td>SURG 713</td>
<td>Surgery Clerkship- USD SSOM</td>
<td>2</td>
</tr>
</tbody>
</table>

Provide explanation of differences between proposed course and existing system catalog courses below:
Section 3. Other Course Information

3.121. Are there instructional staffing impacts?
☒ Yes. Specify below:

3.122. Existing program(s) in which course will be offered (i.e., any current or pending majors, minors, certificates, etc.):

New Doctor of Nurse Anesthesia Practice

3.123. Proposed instructional method by university (as defined by AAC Guideline 5.4): G-Clinical Experience-
Provision of direct patient care in a clinic-based setting is performed by students; students develop specific skill sets designed to improve health of patients through observation and treatment; direct and close supervision and instruction are provided by faculty and/or approved site supervisors, which limits the number of students at one time.

3.124. Proposed delivery method by university (as defined by AAC Guideline 5.5): 001-Face to face

3.125. Term change will be effective: 2022-2023 catalog with Summer 2023 start

3.126. Can students repeat the course for additional credit?
☐ Yes, total credit limit: ___________ ☒ No

3.127. Will grade for this course be limited to S/U (pass/fail)?
☐ Yes ☒ No

3.128. Will section enrollment be capped?
☐ Yes, max per section: ___________ ☒ No

3.129. Will this course equate (i.e., be considered the same course for degree completion) with any other unique or common courses in the common course system database?
☐ Yes ☒ No

3.130. Is this prefix approved for your university?
☐ Yes ☒ No

Section 4. Department and Course Codes (Completed by University Academic Affairs)

4.37. University Department Code: UNUR

4.38. Banner Department Code: UNUR


Is this a new CIP code for the university? ☒ Yes ☐ No
Section 1. Course Title and Description

<table>
<thead>
<tr>
<th>Prefix &amp; No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRNA 882</td>
<td>Clinical Residency II</td>
<td>4</td>
</tr>
</tbody>
</table>

Course Description

This is the second in a series of five (5) courses and provides the student with the opportunity to apply didactic content learned in course prerequisites. The student progressively assumes more responsibility to provide advanced nursing practice anesthesia care patients during the perioperative period. The student will be assigned more complex patients/procedures as skills and critical thinking increase.

Pre-requisites

<table>
<thead>
<tr>
<th>Prefix &amp; No.</th>
<th>Course Title</th>
<th>Pre-Req/Co-Req?</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRNA 881</td>
<td>Clinical Residency I</td>
<td>Pre-Req</td>
</tr>
</tbody>
</table>

Registration Restrictions

Declared Doctor of Nurse Anesthesia Practice students only

Section 2. Review of Course

2.14. Will this be a unique or common course?

☒ Unique Course

If the request is for a unique course, institutions must review the common course catalog in the system course database to determine if a comparable common course already exists. List the two closest course matches in the common course catalog and provide a brief narrative explaining why the proposed course differs from those listed. If a search of the common course catalog determines an existing common course exists, complete the Authority to Offer an Existing Course Form. Courses requested without an attempt to find comparable courses will not be reviewed.

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</thead>
<tbody>
<tr>
<td>SURG 713</td>
<td>Surgery Clerkship- USD SSOM</td>
<td>2</td>
</tr>
<tr>
<td>SURG 836</td>
<td>Resident Prep Curriculum- USD SSOM</td>
<td>2</td>
</tr>
</tbody>
</table>

Provide explanation of differences between proposed course and existing system catalog courses below:

This proposed course is uniquely designed to meet the national requirements set by the Council on Accreditation of Nurse Anesthesia Educational Programs (COA). There are no other universities within the SD Board of Regents system currently providing courses that meet the specific objectives of COA for this Certified Registered Nurse Anesthetist program. No courses were found following an investigative search of the Banner/RIS system that meet these specific course requirements. The most similar courses listed are limited to Pillar II-IV SSOM medical students and not to CRNA students.

Section 3. Other Course Information

3.131. Are there instructional staffing impacts?

☒ Yes. Specify below: Yes, we will hire Nurse Anesthesia faculty to teach the course.
3.132. Existing program(s) in which course will be offered (i.e., any current or pending majors, minors, certificates, etc.): New-Doctor of Nurse Anesthesia Practice

3.133. Proposed instructional method by university (as defined by AAC Guideline 5.4): G-Clinical Experience- Provision of direct patient care in a clinic-based setting is performed by students; students develop specific skill sets designed to improve health of patients through observation and treatment; direct and close supervision and instruction are provided by faculty and/or approved site supervisors, which limits the number of students at one time.

3.134. Proposed delivery method by university (as defined by AAC Guideline 5.5): 001-Face to face

3.135. Term change will be effective: 2022-2023 catalog with Summer 2023 start

3.136. Can students repeat the course for additional credit?
   ☐ Yes, total credit limit: _________  ☒ No

3.137. Will grade for this course be limited to S/U (pass/fail)?
   ☐ Yes  ☒ No

3.138. Will section enrollment be capped?
   ☐ Yes, max per section: _________  ☒ No

3.139. Will this course equate (i.e., be considered the same course for degree completion) with any other unique or common courses in the common course system database?
   ☐ Yes  ☒ No

3.140. Is this prefix approved for your university?
   ☐ Yes  ☒ No

Section 4. Department and Course Codes (Completed by University Academic Affairs)

4.40. University Department Code: UNUR

4.41. Banner Department Code: UNUR

4.42. Proposed CIP Code: 51.3804-Nurse Anesthetist

   Is this a new CIP code for the university?  ☒ Yes  ☐ No

SOUTH DAKOTA BOARD OF REGENTS
ACADEMIC AFFAIRS FORMS
New Course Request

USD School of Health Sciences/Nursing Department
Institution Division/Department
Elizabeth M. Freeburg 3/15/2021
Institutional Approval Signature Date

Section 1. Course Title and Description

<table>
<thead>
<tr>
<th>Prefix &amp; No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRNA 883</td>
<td>Clinical Residency III</td>
<td>4</td>
</tr>
</tbody>
</table>
Course Description
This course builds upon the clinical knowledge and foundational concepts developed in Clinical Residencies I and II and provides continuing intensive clinical practice in advanced nursing practice anesthesia interventions. Students complete clinical experiences in various specialties, the student is introduced to a progression of patients with more complex alterations in health patterns requiring more expertise in anesthesia management.

Pre-requisites

<table>
<thead>
<tr>
<th>Prefix &amp; No.</th>
<th>Course Title</th>
<th>Pre-Req/Co-Req?</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRNA 882</td>
<td>Clinical Residency II</td>
<td>Pre-Req</td>
</tr>
</tbody>
</table>

Registration Restrictions
Declared Doctor of Nurse Anesthesia Practice students only

Section 2. Review of Course

2.15. Will this be a unique or common course?
☒ Unique Course

If the request is for a unique course, institutions must review the common course catalog in the system course database to determine if a comparable common course already exists. List the two closest course matches in the common course catalog and provide a brief narrative explaining why the proposed course differs from those listed. If a search of the common course catalog determines an existing common course exists, complete the Authority to Offer an Existing Course Form. Courses requested without an attempt to find comparable courses will not be reviewed.

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<tbody>
<tr>
<td>SURG 713</td>
<td>Surgery Clerkship-USD SSOM</td>
<td>2</td>
</tr>
<tr>
<td>SURG 836</td>
<td>Resident Prep Curriculum-USD SSOM</td>
<td>2</td>
</tr>
</tbody>
</table>

Provide explanation of differences between proposed course and existing system catalog courses below:
This proposed course is uniquely designed to meet the national requirements set by the Council on Accreditation of Nurse Anesthesia Educational Programs (COA). There are no other universities within the SD Board of Regents system currently providing courses that meet the specific objectives of COA for this Certified Registered Nurse Anesthetist program. No courses were found following an investigative search of the Banner/RIS system that meet these specific course requirements. The most similar courses listed are limited to Pillar II-IV SSOM medical students and not to CRNA students.

Section 3. Other Course Information

3.141. Are there instructional staffing impacts?
☒ Yes. Specify below: Yes, we will hire Nurse Anesthesia faculty to teach the course.

3.142. Existing program(s) in which course will be offered (i.e., any current or pending majors, minors, certificates, etc.): New-Doctor of Nurse Anesthesia Practice

3.143. Proposed instructional method by university (as defined by AAC Guideline 5.4): G-Clinical Experience-
Provision of direct patient care in a clinic-based setting is performed by students; students develop specific skill sets designed to improve health of patients through observation and treatment; direct and close supervision and instruction are provided by faculty and/or approved site supervisors, which limits the number of students at one time.

3.144. Proposed delivery method by university (as defined by AAC Guideline 5.5): 001-Face to face

3.145. Term change will be effective: 2022-2023 catalog with Summer 2023 start

3.146. Can students repeat the course for additional credit?
☐ Yes, total credit limit: ___________ ☒ No

3.147. Will grade for this course be limited to S/U (pass/fail)?
☐ Yes ☒ No
3.148. Will section enrollment be capped?
☐ Yes, max per section: __________   ☒ No

3.149. Will this course equate (i.e., be considered the same course for degree completion) with any other unique or common courses in the common course system database?
☐ Yes     ☒ No

3.150. Is this prefix approved for your university?
☐ Yes     ☒ No

Section 4. Department and Course Codes (Completed by University Academic Affairs)
4.43. University Department Code: UNUR
4.44. Banner Department Code: UNUR
4.45. Proposed CIP Code: 51.3804-Nurse Anesthetist

Is this a new CIP code for the university? ☒ Yes   ☐ No

SOUTH DAKOTA BOARD OF REGENTS
ACADEMIC AFFAIRS FORMS
New Course Request

USD School of Health Sciences/Nursing Department
Institution Division/Department
Elizabeth M. Freeburg 3/15/2021
Institutional Approval Signature Date

Section 1. Course Title and Description

<table>
<thead>
<tr>
<th>Prefix &amp; No.</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>CRNA 884</td>
<td>Clinical Residency IV</td>
<td>4</td>
</tr>
</tbody>
</table>

Course Description
Students use critical thinking skills and best practices in the synthesis and correlation of didactic information to the clinical practice of nurse anesthesia. Students develop, implement, and evaluate anesthesia management plans for all patient populations based on best evidence. Clinical experiences focus on anesthesia care of complex patients across the lifespan undergoing elective and emergency surgical and diagnostic procedures. Students provide culturally competent care of the patient throughout the perianesthesia continuum.

Pre-requisites

<table>
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<th>Course Title</th>
<th>Pre-Req/Co-Req?</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRNA 883</td>
<td>Clinical Residency III</td>
<td>Pre-Req</td>
</tr>
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Registration Restrictions
Declared Doctor of Nurse Anesthesia Practice students only

Section 2. Review of Course

2.16. Will this be a unique or common course?
☒ Unique Course
Provide explanation of differences between proposed course and existing system catalog courses below:

This proposed course is uniquely designed to meet the national requirements set by the Council on Accreditation of Nurse Anesthesia Educational Programs (COA). There are no other universities within the SD Board of Regents system currently providing courses that meet the specific objectives of COA for this Certified Registered Nurse Anesthetist program. No courses were found following an investigative search of the Banner/RIS system that meet these specific course requirements. The most similar courses listed are limited to Pillar II-IV SSOM medical students and not to CRNA students.

Section 3. Other Course Information

3.151. Are there instructional staffing impacts?

☒ Yes. Specify below: Yes, we will hire Nurse Anesthesia faculty to teach the course.

3.152. Existing program(s) in which course will be offered (i.e., any current or pending majors, minors, certificates, etc.): New-Doctor of Nurse Anesthesia Practice

3.153. Proposed instructional method by university (as defined by AAC Guideline 5.4): G-Clinical Experience

-Provision of direct patient care in a clinic-based setting is performed by students; students develop specific skill sets designed to improve health of patients through observation and treatment; direct and close supervision and instruction are provided by faculty and/or approved site supervisors, which limits the number of students at one time.

3.154. Proposed delivery method by university (as defined by AAC Guideline 5.5): 001-Face to face

3.155. Term change will be effective: 2022-2023 catalog with Summer 2023 start

3.156. Can students repeat the course for additional credit?

☐ Yes, total credit limit: ___________ ☒ No

3.157. Will grade for this course be limited to S/U (pass/fail)?

☐ Yes ☒ No

3.158. Will section enrollment be capped?

☐ Yes, max per section: ___________ ☒ No

3.159. Will this course equate (i.e., be considered the same course for degree completion) with any other unique or common courses in the common course system database?

☐ Yes ☒ No

3.160. Is this prefix approved for your university?

☐ Yes ☒ No

Section 4. Department and Course Codes (Completed by University Academic Affairs)

4.46. University Department Code: UNUR
4.47. Banner Department Code: UNUR

Is this a new CIP code for the university? ☒ Yes ☐ No
Section 1. Course Title and Description

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<td>CRNA 885</td>
<td>Clinical Residency V</td>
<td>4</td>
</tr>
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</table>

Course Description
This course is the culmination of the student’s clinical experience. Students develop, implement, and evaluate comprehensive perianesthesia management plans for all patient populations based on best evidence. Emphasis is on perianesthesia management of complex patients/procedures. In addition, this course provides the third-year student with opportunities to further explore the role of the DNAP through the synthesis and application of advanced principles regarding patient safety, risk reduction, healthcare law, healthcare policy, and bioethics for anesthesiology practice.

Pre-requisites

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Registration Restrictions
Declared Doctor of Nurse Anesthesia Practice students only

Section 2. Review of Course

2.17. Will this be a unique or common course?

☑ Unique Course
If the request is for a unique course, institutions must review the common course catalog in the system course database to determine if a comparable common course already exists. List the two closest course matches in the common course catalog and provide a brief narrative explaining why the proposed course differs from those listed. If a search of the common course catalog determines an existing common course exists, complete the Authority to Offer an Existing Course Form. Courses requested without an attempt to find comparable courses will not be reviewed.

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Provide explanation of differences between proposed course and existing system catalog courses below:
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Section 3. Other Course Information

3.161. Are there instructional staffing impacts?
☐ Yes. Specify below: Yes, we will hire Nurse Anesthesia faculty to teach the course.

3.162. Existing program(s) in which course will be offered (i.e., any current or pending majors, minors, certificates, etc.): New-Doctor of Nurse Anesthesia Practice

3.163. Proposed instructional method by university (as defined by AAC Guideline 5.4): G-Clinical Experience-
Provision of direct patient care in a clinic-based setting is performed by students; students develop specific skill sets designed to improve health of patients through observation and treatment; direct and close supervision and instruction are provided by faculty and/or approved site supervisors, which limits the number of students at one time.

3.164. Proposed delivery method by university (as defined by AAC Guideline 5.5): 001-Face to face

3.165. Term change will be effective: 2022-2023 catalog with Summer 2023 start

3.166. Can students repeat the course for additional credit?
☐ Yes, total credit limit: ☒ No

3.167. Will grade for this course be limited to S/U (pass/fail)?
☐ Yes ☒ No

3.168. Will section enrollment be capped?
☐ Yes, max per section: ☒ No

3.169. Will this course equate (i.e., be considered the same course for degree completion) with any other unique or common courses in the common course system database?
☐ Yes ☒ No

3.170. Is this prefix approved for your university?
☐ Yes ☒ No

Section 4. Department and Course Codes (Completed by University Academic Affairs)

4.49. University Department Code: UNUR

4.50. Banner Department Code: UNUR

4.51. Proposed CIP Code: 51.3804-Nurse Anesthetist

Is this a new CIP code for the university? ☒ Yes ☐ No
Use this form to request permission to seek accreditation of an approved program. Board of Regents (BOR) action is required to seek program accreditation.

**UNIVERSITY:** USD  
**PROGRAM:** Doctor of Nurse Anesthesia Practice (DNAP)  
**CIP CODE:** 51.3804 - Nurse Anesthetist  
**UNIVERSITY DEPARTMENT:** Department of Nursing  
**UNIVERSITY DIVISION:** School of Health Sciences  

**University Approval**  
To the Board of Regents and the Executive Director: I certify that I have read this proposal, that I believe it to be accurate, and that it has been evaluated and approved as provided by university policy.  
5/7/2021  
President of the University  

1. **Level of program seeking accreditation (place an “X” in the appropriate box):**  
   - [ ] Certificate  
   - [ ] Associate  
   - [ ] Bachelor’s  
   - [X] Doctoral  
   - [ ] Master’s  

2. **Accrediting Agency:** Council on Accreditation of Nurse Anesthesia Educational Programs (COA).  

3. **What are the advantages of accreditation?**  
   Accreditation is required through The Council on Accreditation of Nurse Anesthesia Educational programs (COA). To become a Certified Registered Nurse Anesthetist (CRNA), a student must graduate from an educational program that is accredited by COA or its predecessor. The COA is recognized by the U.S. Department of Education and the Council for Higher Education Accreditation as the sole accrediting authority for nurse anesthesia educational programs. The COA provides for systematic self-study and on-site evaluation of all nurse anesthesia educational programs. The COA publishes a list of accredited nurse anesthesia educational programs annually.  
   Accreditation of this program acknowledges the quality of the program in all areas. It also serves as a mechanism for continuous assessment and quality improvement. Program accreditation serves as a means of reasonable assurance of the external evaluation of the program and its conformity with published standards and expectation in the field of study. Accreditation also serves as a means to attract students and inform potential employers and the public about the level and scope of the program.
4. What are the anticipated costs involved in accreditation, including:
   A. Costs involved in undergoing self-study and preparing the application for accreditation:

   The self-study and preparation of the application for COA accreditation will be completed by the administration and faculty of the Department of Nursing. There is a COA Capability Application fee of $11,050.

   B. Out-of-pocket costs related to dues or site visits:

   Onsite reviews ~ $6,075

   C. Base budget implications including incremental costs and minimum base resources required (dollars and FTE):

   Cost for doctoral degree review is $6,075
   Cost for distance education review is $1,225
   Annual accreditation maintenance is $106/student + base fee of $2,390
   Re-accreditation fees approximates $15,000 (5-year timeframe)

5. What is the source of the revenue needed?
DNAP program tuition and fees

6. What is the estimated date for submission of accreditation application?

The application date will be determined by COA. The timeframe will be communicated when COA has confirmed the dates.