



**SOUTH DAKOTA BOARD OF REGENTS  
ACADEMIC AFFAIRS FORMS  
New Graduate Degree Program**

<b>UNIVERSITY:</b>	USD
<b>PROPOSED GRADUATE PROGRAM:</b>	Doctor of Nurse Anesthesia Practice
<b>EXISTING OR NEW MAJOR(S):</b>	New
<b>DEGREE:</b>	Doctor of Nurse Anesthesia Practice (DNAP)
<b>EXISTING OR NEW DEGREE(S):</b>	New
<b>INTENDED DATE OF IMPLEMENTATION:</b>	Summer 2023
<b>PROPOSED CIP CODE:</b>	51.3804-Nurse Anesthetist
<b>SPECIALIZATIONS:</b> <i>Note: If the new proposed program includes specific specializations within it, complete and submit a New Specialization Form for each proposed specialization and attach it to this form. Since specializations appear on transcripts, they require Board approval.</i>	N/A
<b>IS A SPECIALIZATION REQUIRED (Y/N):</b>	N/A
<b>DATE OF INTENT TO PLAN APPROVAL:</b>	3/30/2021
<b>UNIVERSITY DEPARTMENT:</b>	Department of Nursing
<b>BANNER DEPARTMENT CODE:</b>	UNUR
<b>UNIVERSITY DIVISION:</b>	School of Health Sciences
<b>BANNER DIVISION CODE:</b>	2H

**Please check this box to confirm that:**

- The individual preparing this request has read [AAC Guideline 2:10](#), which pertains to new graduate degree program requests, and that this request meets the requirements outlined in the guidelines.
- This request will not be posted to the university website for review of the Academic Affairs Committee until it is approved by the Executive Director and Chief Academic Officer.

**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.*

\_\_\_\_\_  
President of the University

\_\_\_\_\_  
Date

**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 1<sup>st</sup>, 2022,

thereafter, will be required to graduate with doctoral degrees.”<sup>1</sup> 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<sup>2</sup>.

## 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.*

BHSU:	<a href="#">SDCL § 13-59</a>	<a href="#">BOR Policy 1:10:4</a>
DSU:	<a href="#">SDCL § 13-59</a>	<a href="#">BOR Policy 1:10:5</a>
NSU:	<a href="#">SDCL § 13-59</a>	<a href="#">BOR Policy 1:10:6</a>
SDSMT:	<a href="#">SDCL § 13-60</a>	<a href="#">BOR Policy 1:10:3</a>
SDSU:	<a href="#">SDCL § 13-58</a>	<a href="#">BOR Policy 1:10:2</a>
USD:	<a href="#">SDCL § 13-57</a>	<a href="#">BOR Policy 1:10:1</a>

[Board of Regents Strategic Plan 2014-2020](#)

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.*

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<sup>1</sup> Council on Accreditation of Nurse Anesthesia programs Policies and Procedures Manual Published in 2012 and Revised in 2018

<sup>2</sup> <https://doh.sd.gov/boards/nursing/CRNA-Practice.aspx>

**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<sup>3</sup>:

Employment projections for CRNAs

Employment projections data for nurse anesthetists, nurse midwives, and nurse practitioners, 2019-29

Occupational Title	SOC Code	Employment, 2019	Projected Employment, 2029	Change, 2019-29		Employment by Industry
				Percent	Numeric	
Nurse anesthetists, nurse midwives, and nurse practitioners	—	263,400	381,100	45	117,700	—
Nurse anesthetists	29-1151	44,900	51,000	14	6,200	<a href="#">Get data</a>
Nurse midwives	29-1161	7,200	8,100	12	800	<a href="#">Get data</a>
Nurse practitioners	29-1171	211,300	322,000	52	110,700	<a href="#">Get data</a>

SOURCE: U.S. Bureau of Labor Statistics, Employment Projections program

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.<sup>4</sup> 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.<sup>5</sup> 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.<sup>2,6</sup>

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

<sup>3</sup> <https://www.bls.gov/ooh/healthcare/nurse-anesthetists-nurse-midwives-and-nurse-practitioners.htm#tab-6>

<sup>4</sup> <https://www.bls.gov/oes/current/oes291151.htm>

<sup>5</sup> Nursing Workforce Supply and Employment Characteristics: 2019 <https://doh.sd.gov/boards/nursing/RandP.aspx>

<sup>6</sup> Projections Managing Partnership, in cooperation with the U.S. Department of Labor, Employment and Training Administration.

occupation is less prevalent in the area than average<sup>7</sup>. 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.<sup>8</sup> 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.<sup>9</sup> Mount Marty University's acceptance rate is 30% based 105 qualified applicants<sup>10</sup> and University of Minnesota's is 10% based on 60 qualified applicants<sup>11</sup>. 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.<sup>12</sup> 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

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<sup>7</sup> <https://www.bls.gov/oes/current/oes291151.htm>

<sup>8</sup> <https://www.mountmarty.edu/sioux-falls/performance-data/>

<sup>9</sup> <https://cnpd.und.edu/nursing/nurse-anesthesia-dnp.html#d32e327-2>

<sup>10</sup> <https://www.mountmarty.edu/sioux-falls/performance-data/>

<sup>11</sup> <https://www.all-crna-schools.com/university-of-minnesota-twin-cities/>

<sup>12</sup> Hawkins, M. (2019). White Paper Series Examining topics affecting the recruitment and retention of physicians and advanced practice professionals <https://www.merrihawkins.com/news-and-insights/blog/healthcare-news-and-trends/New-White-Paper-Examines-Growing-Need-for-CRNAs/>

- 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 anesthesia 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 anesthesia 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):**

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

**Required Courses**

<b>Prefix</b>	<b>Number</b>	<b>Course Title</b>	<b>Credit Hours</b>	<b>New (yes, no)</b>
CRNA	843	Advanced Anatomy/Physiology for Nurse Anesthesiology	4	yes
CRNA	844	Advanced Pharmacology for Nurse Anesthesiology I	3	yes
CRNA	852	Coexisting Pathologies and Anesthesia Implications	4	yes
CRNA	846	Advanced Pharmacology for Nurse Anesthesiology II	3	yes
NURS	773	Clinical Scholarship and Analytical Methods*	3	no
NURS	811	Scientific Underpinning and Evidence-based Practice*	3	no
NURS	812	Leadership Development in Healthcare Policy and Advocacy*	3	no
NURS	813	Scholarly writing and Communication *	1	no
NURS	814	Scholarly Writing for DNP Project*	1	no
CRNA	713	Professional Aspects of Nurse Anesthesiology Practice	2	yes
CRNA	715	Advanced Health Assessment for Nurse Anesthesiology Practice	3	yes
CRNA	716	Basic Principles of Nurse Anesthesiology Practice	4	yes
NURS	740	Population Health Nursing Interventions*	3	no
PUBH	710	Epidemiology*	3	no
NURS	861	Leadership Development in Quality Improvement in Nursing for Health Systems*	3	no
NURS	862	Leadership Development in Information Systems/Technology for Patient care improvement*	3	no
CRNA	854	Advanced Principles of Nurse Anesthesiology I	3	yes

CRNA	856	Advanced Principles of Nurse Anesthesiology II	3	yes
CRNA	857	Advanced Principles of Nurse Anesthesiology III	3	yes
CRNA	881	Clinical Residency I (3 days/week)	3	yes
CRNA	882	Clinical Residency II (4 days/week)	4	yes
CRNA	883	Clinical Residency III (4 days/week)	4	yes
CRNA	884	Clinical Residency IV (4 days/week)	4	yes
CRNA	885	Clinical Residency V (4 days/week)	4	yes
NURS	863	Leadership Development in Healthcare Business*	3	no
CRNA	877	Seminar I Business of Anesthesia	1	yes
CRNA	878	Seminar II Clinical Topics Synthesis	2	yes
NURS	880	DNP Project I-IV	4	no
			<b>Subtotal</b>	<b>84</b>

\*Existing online courses

**Elective Courses: List courses available as electives in the program. Indicate any proposed new courses added specifically for the program.**

Prefix	Number	Course Title	Credit Hours	New (yes, no)
N/A				
			Subtotal	

## 6. Student Outcomes and Demonstration of Individual Achievement

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

Individual Student Outcomes	Program Courses that Address the Outcomes																							
	CRNA Courses												Nursing Courses										Other	
	CRNA 713*	CRNA 715*	CRNA 716*	CRNA 843*	CRNA 844*	CRNA 846*	CRNA 852*	CRNA 854*	CRNA 856*	CRNA 857*	CRNA 877*	CRNA 878*	CRNA 881-5*	NURS 773*	NURS 811*	NURS 812*	NURS 813*	NURS 814*	NURS 740*	NURS 861*	NURS 862*	NURS 863*	NURS 880*	PUBH 710*
Demonstrate patient safety			X					X	X	X		X	X						X					
Demonstrate Perianesthesia patient management		X	X	X	X	X	X	X	X	X			X											X
Demonstrate critical thinking			X					X	X	X			X	X	X									
Demonstrate communication skills			X					X	X	X		X	X					X						
Demonstrate Leadership skills												X					X			X	X	X		
Demonstrate CRNA Professional role	X												X					X	X				X	

### 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<sup>13</sup>. 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<sup>14</sup>. 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<sup>15</sup>. 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.

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<sup>13</sup> <https://www.nbcrna.com/exams/see-resources>

<sup>14</sup> <https://www.nbcrna.com/exams/see-resources>

<sup>15</sup> <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.

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

\*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)?

	Yes/No	Intended Start Date
<b>On campus</b>	No	

	Yes/No	If Yes, list location(s)	Intended Start Date
<b>Off campus</b>	Yes	Sioux Falls	Summer 2023

	Yes/No	If Yes, identify delivery methods <i>Delivery methods are defined in <a href="#">AAC Guideline 5.5</a>.</i>	Intended Start Date
<b>Distance Delivery (online/other distance delivery methods)</b>	No		
<b>Does another BOR institution already have authorization to offer the program online?</b>	No	<b>If yes, identify institutions:</b>	

- 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.

	Yes/No	If Yes, identify delivery methods	Intended Start Date
<b>Distance Delivery (online/other distance delivery methods)</b>	No	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	Summer 2023

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](mailto:napatov@odu.edu)

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239-272-0244  
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Bruce Schoneboom PhD, MHS, CRNA, FAAN  
202-302-1425  
[bschoneboom@aol.com](mailto: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.***

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																									
Individual Student Outcomes	CRNA Courses													Nursing Courses								Other			
	CRNA 713*	CRNA 715*	CRNA 716*	CRNA 843*	CRNA 844*	CRNA 846*	CRNA 852*	CRNA 854*	CRNA 856*	CRNA 857*	CRNA 877*	CRNA 878*	CRNA 881-5*	NURS 773*	NURS 811*	NURS 812*	NURS 813*	NURS 814*	NURS 740*	NURS 861*	NURS 862*	NURS 863*	NURS 880*	PUBH 710*	
Demonstrate patient safety			X					X	X	X		X	X						X						
Demonstrate Perianesthesia patient management		X	X	X	X	X	X	X	X	X			X												X
Demonstrate critical thinking			X					X	X	X			X	X	X										
Demonstrate communication skills			X					X	X	X		X	X					X							
Demonstrate Leadership skills											X					X				X	X	X			
Demonstrate CRNA Professional role	X												X					X	X					X	

**Appendix B**

**University of South Dakota, Certified Registered Nurse Anesthetists**

		1st	2nd	3rd	4th	5th	6th	7th	8th
		FY22	FY23	FY24	FY25	FY26	FY27	FY28	FY29
<b>1. Assumptions</b>									
<i>Headcount &amp; hours from proposal</i>									
Fall headcount (see table in proposal)		0	0	10	24	42	52	57	57
Program FY cr hrs, Off-Campus / Self-Support									
PUBH Credit Hours		0	0	0	27	42	57	57	57
Program FY cr hrs, On-Campus / State-Support									
NURS Credit Hours		0	0	290	660	1,146	1,406	1,541	1,541
Total Credit Hours		0	0	290	687	1,188	1,463	1,598	1,598
CRNA Faculty Regular .5 FTE / Program Director .5 FTE	See p. 3	0.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Faculty Salary & Benefits, average	See p. 3	\$267,534							
CRNA Faculty Regular .5 FTE / Assistant Program Director .5 FTE	See p. 3	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Faculty Salary & Benefits, average	See p. 3	\$227,599							
NURSING Faculty, Regular FTE	See p. 3	0.00	0.00	0.50	1.00	1.50	1.50	1.50	1.50
Faculty Salary & Benefits, average	See p. 3	\$121,486							
BBS/PUBH Faculty, Regular FTE	See p. 3	0.00	0.00	0.50	0.50	0.50	0.50	0.50	0.50
Faculty Salary & Benefits, average	See p. 3	\$129,473							
CRNA Clinical Faculty (Adjunct) - Clinical Residency Supervision- FTE Equivalent	See p. 3	0.00	0.00	0.00	0.50	0.75	1.00	1.00	1.00
Faculty Salary & Benefits, average	See p. 3	\$181,959							
Advisor / Clinical Coordinator FTE (see next page)	See p. 3	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Other Salary & Benefits, average	See p. 3	\$62,154							
Program Assistant FTE (see next page)	See p. 3	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Other Salary & Benefits, average	See p. 3	\$54,167							
<b>2. Budget</b>									
<i>Salary &amp; Benefits</i>									
Academic Administration / Program Directorship		\$133,767	\$267,534	\$267,534	\$267,534	\$267,534	\$267,534	\$267,534	\$267,534
Faculty, Regular		\$0	\$227,599	\$353,079	\$413,822	\$474,565	\$474,565	\$474,565	\$474,565
Faculty, Adjunct (FTE equivalent)		\$0	\$0	\$0	\$90,980	\$136,469	\$181,959	\$181,959	\$181,959
Other FTE		\$0	\$116,321	\$116,321	\$116,321	\$116,321	\$116,321	\$116,321	\$116,321
S&B Subtotal		\$133,767	\$611,454	\$736,934	\$888,656	\$994,889	\$1,040,379	\$1,040,379	\$1,040,379
<i>Operating Expenses</i>									
Travel		\$5,000	\$7,500	\$7,500	\$18,750	\$20,000	\$20,000	\$20,000	\$20,000
Contractual Services		\$45,000	\$50,000	\$27,500	\$36,250	\$75,000	\$75,000	\$75,000	\$75,000
Supplies & materials		\$2,500	\$5,000	\$15,000	\$20,000	\$30,000	\$30,000	\$30,000	\$30,000
Capital equipment		\$2,500	\$500,000	\$50,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000
OE Subtotal		\$55,000	\$562,500	\$100,000	\$150,000	\$200,000	\$200,000	\$200,000	\$200,000
<b>Total</b>		<b>\$188,767</b>	<b>\$1,173,954</b>	<b>\$836,934</b>	<b>\$1,038,656</b>	<b>\$1,194,889</b>	<b>\$1,240,379</b>	<b>\$1,240,379</b>	<b>\$1,240,379</b>
<b>3. Program Resources</b>									
Self-Support tuition/hr, Program Retained	GR	\$265.07							
Off-campus tuition revenue	hrs x amt	\$0	\$0	\$0	\$7,157	\$11,133	\$15,109	\$15,109	\$15,109
State-Support tuition/hr, Program Retained	GR	\$268.90							
On-campus tuition revenue	hrs x amt	\$0	\$0	\$77,981	\$177,474	\$308,159	\$378,073	\$414,374	\$414,374
Program fee, per cr hr (if any) - CRNA ONLY, New Fee- PER SEMESTER		\$3,500.00	\$0	\$105,000	\$252,000	\$441,000	\$546,000	\$598,500	\$598,500
Program fee, per cr hr (if any) - Allied Health Program Fee, Existing Fee		\$103.00	\$0	\$29,870	\$67,980	\$118,038	\$144,818	\$158,723	\$158,723
Delivery fee, per cr hr (if any) - State-Support, Off Campus/Remote, Existing Fee		\$45.80	\$0	\$13,282	\$30,228	\$52,487	\$64,395	\$70,578	\$70,578
University redirections - On-Going .5 FTE, Nursing		\$0	\$0	\$60,743	\$60,743	\$60,743	\$60,743	\$60,743	\$60,743
University redirections - Ramp-Up		\$94,384	\$586,977	\$275,029	\$221,537	\$101,665	\$15,620	\$0	\$0
Community/Employers - Ramp Up		\$94,384	\$586,977	\$275,029	\$221,537	\$101,665	\$15,620	\$0	\$0
Grants/Donations/Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Resources</b>		<b>\$188,767</b>	<b>\$1,173,954</b>	<b>\$836,934</b>	<b>\$1,038,656</b>	<b>\$1,194,889</b>	<b>\$1,240,379</b>	<b>\$1,318,027</b>	<b>\$1,318,027</b>
<b>Resources Over (Under) Budget</b>		<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$77,649</b>	<b>\$77,649</b>
<i>Provide a summary of the program costs and resources in the new program proposal.</i>									

		CRNA Faculty / Pgm Dir - 12 Mos	CRNA Faculty / Asst Pgm Dir - 12 Mos	Nursing Faculty - 12 Mos	BBS Faculty - 12 Mos	CRNA Clinical Faculty / Adjunct - 12 Mos	CRNA Advisor / Clinical Coordinator	Program Assistant
Estimated Salary & Benefits per FTE								
Estimated salary (average) - explain below	(see below)	\$225,000	\$190,000	\$97,000	\$104,000	\$150,000	\$45,000	\$38,000
University's variable benefits rate		0.1410	0.1410	0.1410	0.1410	0.1410	0.1410	0.1410
Variable benefits		\$31,725	\$26,790	\$13,677	\$14,664	\$21,150	\$6,345	\$5,358
Health insurance/FTE, FY18		\$10,809	\$10,809	\$10,809	\$10,809	\$10,809	\$10,809	\$10,809
	Average S&B	\$267,534	\$227,599	\$121,486	\$129,473	\$181,959	\$62,154	\$54,167
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 unit assignment for course/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, maintenance / 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 machine, 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.								
<b>Off-Campus / Self Support Tuition</b>		<b>FY21 Rate</b>	<b>HEFF</b>	<b>BOR/USD</b>	<b>BOR/USD</b>	<b>Net</b>		
Graduate - USD		\$465.80	\$53.57	\$147.16	\$147.16	\$265.07		
State-support: Change cell on page 1 to use the UG or GR net amount for your university.								
<b>On-Campus / State Support Tuition</b>		<b>FY21 Rate</b>	<b>HEFF</b>	<b>BOR/USD</b>	<b>BOR/USD</b>	<b>Net</b>		
GR Resident - USD		\$336.80	\$38.73	\$29.17	\$29.17	\$268.90		
<b>Variable Benefits Rates</b>								
University		FY21						
USD		14.10%		Change the	Change the			
				table on pag	table on page 2			
				for your univ	for your university.			





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

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

### Section 1. Course Title and Description

Prefix & No.	Course Title	Credits
CRNA 713	Professional Aspects of Nurse Anesthesiology Practice <b>[Short title: Prof Aspct NURS Anesthes Pract]</b>	2

#### **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.*

Prefix & No.	Course Title	Credits
PAST 720	Professional Practice I-USD	2
NURS 615	Foundations of Advanced Nursing-SDSU	3

*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



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

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

### Section 1. Course Title and Description

Prefix & No.	Course Title	Credits
CRNA 715	Advanced Health Assessment for Nurse Anesthesiology Practice <b>[Short title: Adv Health Assess NURS Anesth]</b>	3

## Course Description

This course addresses health assessment by nurse anesthesia 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 anesthesia practice with emphasis on the differentiation of normal and abnormal findings by nurse anesthesia 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.*

Prefix & No.	Course Title	Credits
NURS 631	Advanced Assessment Across Lifespan-SDSU	4
NURS 765	FNP Integration: Practicum I-SDSU	7

*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



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

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

**Section 1. Course Title and Description**

Prefix & No.	Course Title	Credits
CRNA 716	Basic Principles of Nurse Anesthesiology Practice <b>[Short title: Basic Princ NURS Anesth Pract]</b>	4

**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.*

Prefix & No.	Course Title	Credits
SURG 820	General Surgery- USD SSOM	1-8

SURG 824	Anesthesiology-USD SSOM	1-4
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*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

**4.9. 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**

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

**Section 1. Course Title and Description**

Prefix & No.	Course Title	Credits
CRNA 843	Advanced Anatomy/Physiology for Nurse Anesthesiology <span style="background-color: yellow;">[Short title: Adv ANAT/PHYS for NURS Anesth]</span>	4

Course Description
<p>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.</p>

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.*

Prefix & No.	Course Title	Credits
ANAT 711	Human Gross Anatomy-USD	1-8
PHGY 730	Human Physiology-USD	6

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

<p>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.</p>
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**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
- 4.12. 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**

Prefix & No.	Course Title	Credits
CRNA 844	Advanced Pharmacology for Nurse Anesthesiology I <b>[Short title: Adv Pharm for NURS Anesthes I]</b>	3

**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.*

Prefix & No.	Course Title	Credits
PHAR 720	Medical Pharmacology-USD	1-5
PHAR 730	Pre-prof Pharmacology I-USD	3

*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

4.14. Banner 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

Prefix & No.	Course Title	Credits
CRNA 846	Advanced Pharmacology for Nurse Anesthesiology II <b>[Short title: Adv Pharm for NURS Anesthes II]</b>	3

### 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

Prefix & No.	Course Title	Pre-Req/Co-Req?
CRNA 844	Advanced Pharmacology for Nurse Anesthesiology I	Pre-Req

### 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.*

Prefix & No.	Course Title	Credits
PHAR 721	Medical Pharmacology II-USD	1-3
PHAR 731	Pre-prof Pharmacology II-USD	3

*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 721) and graduate students intending to apply to medical school (PHAR 731). Their scope and level are not specific to the practice of CRNA.

### **Section 3. Other Course Information**

#### **3.51. 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

**3.60. 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



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

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

**Section 1. Course Title and Description**

Prefix & No.	Course Title	Credits
CRNA 852	Coexisting Pathologies and Anesthesia Implications <span style="background-color: yellow;">[Short title: Coex Path &amp; Anesthesia Implic]</span>	4

<b>Course Description</b>	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.
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<b>Registration Restrictions</b>	Declared Doctor of Nurse Anesthesia Practice students only
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**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.*

Prefix & No.	Course Title	Credits
PATH 821	General Pathology-USD SSOM	1-8
PATH 827	General Pathology- USD SSOM	1-8

*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

4.21. 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**

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

#### **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**

## 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.

Prefix & No.	Course Title	Credits
SURG 820	General Surgery-USD SSOM	1-8
SURG 824	Anesthesiology- USD SSOM	1-4

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

4.24. 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**

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

**Section 1. Course Title and Description**

Prefix & No.	Course Title	Credits
CRNA 856	Advanced Principles of Nurse Anesthesiology II <span style="background-color: yellow;">[Short title: Adv Princ of NURS Anesthes II]</span>	3

**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**

Prefix & No.	Course Title	Pre-Req/Co-Req?
CRNA 854	Advanced Principles of Nurse Anesthesiology I	Pre-Req

**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.*

Prefix & No.	Course Title	Credits
SURG 820	General Surgery-USD SSOM	1-8
SURG 824	Anesthesiology-USD SSOM	1-4

*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**

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

**Section 1. Course Title and Description**

Prefix & No.	Course Title	Credits
CRNA 857	Advanced Principles of Nurse Anesthesiology III <b>[Short title: Adv Princ of NURS Anesthes III]</b>	3

**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**

Prefix & No.	Course Title	Pre-Req/Co-Req?
CRNA 856	Advanced Principles of Nurse Anesthesiology II	Pre-Req

**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.*

Prefix & No.	Course Title	Credits
SURG 820	General Surgery-USD SSOM	1-8
SURG 824	Anesthesiology- USD SSOM	1-4

*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

4.30. 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**

Prefix & No.	Course Title	Credits
CRNA 877	Seminar I Business of Anesthesia [Short title: Seminar I Busin of Anesthesia]	1

**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.*

Prefix & No.	Course Title	Credits
NURS 688	Healthcare Business in a Digital Economy-USD	3
NURS 860	Health Ops/Finance Mgmt: Leadership-SDSU	3

*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



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

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

### **Section 1. Course Title and Description**

Prefix & No.	Course Title	Credits
CRNA 878	Seminar II Clinical Topic Synthesis [Short title: Seminar II Clin Top Synthesis]	2

### 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.*

Prefix & No.	Course Title	Credits
SURG 890	Seminar-USD SSOM	1-24
PAST 792	Topics-USD	1-7

*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

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**

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

**Section 1. Course Title and Description**

Prefix & No.	Course Title	Credits
CRNA 881	Clinical Residency I	3

**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.*

Prefix & No.	Course Title	Credits
SURG 836	Resident Prep Curriculum- USD SSOM	2
SURG 713	Surgery Clerkship- USD SSOM	2

*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**

**3.121. Are there instructional staffing impacts?**

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

**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

**4.39. 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**

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

**Section 1. Course Title and Description**

Prefix & No.	Course Title	Credits
CRNA 882	Clinical Residency II	4

**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**

Prefix & No.	Course Title	Pre-Req/Co-Req?
CRNA 881	Clinical Residency I	Pre-Req

**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.*

Prefix & No.	Course Title	Credits
SURG 713	Surgery Clerkship- USD SSOM	2
SURG 836	Resident Prep Curriculum- USD SSOM	2

*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**

Prefix & No.	Course Title	Credits
CRNA 883	Clinical Residency III	4

**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**

Prefix & No.	Course Title	Pre-Req/Co-Req?
CRNA 882	Clinical Residency II	Pre-Req

**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.*

Prefix & No.	Course Title	Credits
SURG 713	Surgery Clerkship-USD SSOM	2
SURG 836	Resident Prep Curriculum- USD SSOM	2

*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**

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

**Section 1. Course Title and Description**

Prefix & No.	Course Title	Credits
CRNA 884	Clinical Residency IV	4

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**

Prefix & No.	Course Title	Pre-Req/Co-Req?
CRNA 883	Clinical Residency III	Pre-Req

**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**

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.

Prefix & No.	Course Title	Credits
SURG 713	Surgery Clerkship-USD SSOM	2
SURG 836	Resident Prep Curriculum- USD SSOM	2

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

**4.48. 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**

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

**Section 1. Course Title and Description**

Prefix & No.	Course Title	Credits
CRNA 885	Clinical Residency V	4

Course Description
<p>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.</p>

**Pre-requisites**

Prefix & No.	Course Title	Pre-Req/Co-Req?
CRNA 884	Clinical Residency IV	Pre-Req

**Registration Restrictions**

Declared Doctor of Nurse Anesthesia Practice students only
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**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.*

Prefix & No.	Course Title	Credits
SURG 713	Surgery Clerkship- USD SSOM	2
SURG 836	Resident Prep Curriculum- USD SSOM	2

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

<p>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.</p>
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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