

### PROGRAM MODIFICATION PROPOSAL FORM

Name of Institution: University of South Carolina

Briefly state the nature of the proposed modification (e.g., adding a new concentration, extending the program to a new site, curriculum change, etc.):

**Change in Program Designation and CIP Code**

Current Name of Program (include degree designation and all concentrations, options, and tracks):

**Doctor of Nursing Practice in Nurse Anesthesia - 513818 (Nursing Practice)**

Proposed Name of Program (include degree designation and all concentrations, options, and tracks):

**Doctor of Nurse Anesthesia Practice - 513804 (Nurse Anesthetist)**

Program Designation:

- |  |  |
|--|--|
| <input type="checkbox"/> Associate's Degree  | <input type="checkbox"/> Master's Degree   |
| <input type="checkbox"/> Bachelor's Degree: 4 Year   | <input type="checkbox"/> Specialist  |
| <input type="checkbox"/> Bachelor's Degree: 5 Year   | <input type="checkbox"/> Doctoral Degree: Research/Scholarship (e.g., Ph.D. and DMA) |
| <input checked="" type="checkbox"/> Doctoral Degree: Professional Practice (e.g., Ed.D., D.N.P., J.D., Pharm.D., and M.D.) |  |

Does the program currently qualify for supplemental Palmetto Fellows and LIFE Scholarship awards?

- Yes  
 No

If No, should the program be considered for supplemental Palmetto Fellows and LIFE Scholarship awards?

- Yes  
 No

Proposed Date of Implementation: May 2021

CIP Code: 513818 (Nursing Practice) to 513804 (Nurse Anesthetist)

Current delivery site(s) and modes: Columbia Campus (SOM) and Traditional

Proposed delivery site(s) and modes: Columbia Campus (SOM) and Traditional

Program Contact Information (name, title, telephone number, and email address):

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Institutional Approvals and Dates of Approval:

BOT AAFL June 5, 2020 (expected)

BOT June 19, 2020 (expected)

### **Background Information**

Provide a detailed description of the proposed modification, including target audience, centrality to institutional mission, and relation to strategic plan.

The Graduate Program in Nurse Anesthesia (GPNA) at UofSC's School of Medicine and the UofSC College of Nursing (CON) has just been informed that the Commission on Collegiate Nursing Education (CCNE) will need to accredit the program, which requires oversight changes to the current, approved program if GPNA retains the designation 513818 (Nursing Practice). This requirement, that resides solely within CCNE, affects the new program due to the current CCNE accreditation of existing DNP programs housed in the College of Nursing. This oversight requirement would necessitate awkward (difficult/cumbersome) organizational changes in the College of Nursing, at the University of South Carolina, and the Nurse Anesthesia Program, located within the School of Medicine. Failure to implement this institutional change while maintaining the GPNA as a DNP program could threaten the current CCNE accreditation of the College of Nursing's DNP programs. A simple solution to this unforeseen complication is to change the program designator from DNP under CIP Code 513818 (Nursing Practice) to a DNAP under CIP Code 513804 (Nurse Anesthetist). This designator is actually a better descriptor of the GPNA's program and is the same designator used by peer programs: "A program that prepares registered nurses to administer anesthetics and provide care for patients before, during and after anesthesia. Includes instruction in the biochemistry and physics of anesthesia; advanced anatomy and physiology; clinical pharmacology of anesthetics and adjunctive drugs; pain management; acute care and operating room practice; clinical technology and procedures; emergency intervention; patient assessment and education; and legal issues." With this change, CCNE states that they would not require any CON oversight of this program (513804) and that the program could be administered exactly as approved by the CHE in June 2019 with the program being accredited by only the Council on Accreditation of Nurse Anesthesia Educational Programs (COA). Therefore, this is a request for a change in program designation and CIP Code only for the purpose of maintaining accreditation of the current nurse anesthesia program (by COA) and the existing CON DNP programs (by CCNE).

### **Assessment of Need**

Provide an assessment of the need for the program modification for the institution, the state, the region, and beyond, if applicable.

This is a program designator change only, so the assessment of need is unchanged from the DNP program approved in June 2019

### **Transfer and Articulation**

Identify any special articulation agreements for the modified proposed program. Provide the articulation agreement or Memorandum of Agreement/Understanding.

N/A

**Description of the Program**

Projected Enrollment						
Year	Fall Summer Headcount		Spring Headcount		Summer Headcount	
	New	Total	New	Total	New	Total
2020-2021	0	0	0	0	26	26
2021-2022	0	26	0	26	26	52
2022-2023	0	52	0	52	26	78
2023-2024	0	78	0	78	26	78
2024-2025	0	78	0	78	26	78

Explain how the enrollment projections were calculated.

Enrollment numbers are unchanged from the June 2019 approved plan. This chart is copied from original CHE approved 513818 (Nursing Practice) for reference.

Enrollment numbers were calculated based upon current enrollment in the master’s program, available university resources, the historical yearly application number of 90-110 applicants per year, and the matriculation of around 30-35 students per year as a master’s program. It is projected that the doctoral level admissions will need to be reduced by a few students to accommodate the additional program workload created by the doctoral projects. The 2021 (first) year numbers reflect the initial year admission numbers (26) for the May 2021 matriculation. As the program runs continuously for the 36 months of the program, with 1 cohort matriculating each year, the total program numbers double then triple each successive year for the first 3 years then stabilize to 78 total students (first, second and third year cohorts). The program has a teach out plan as masters level cohorts (averaging 30 students per year) may continue and the last cohort will graduate in May 2023 (if plans progress as projected), thus the actual numbers in the program will remain around 85-90 students each semester.

**Curriculum**

Attach a curriculum sheet identifying the courses required for the program.

**Curriculum Changes**

Courses Eliminated from Program	Courses Added to Program	Core Courses Modified

**New Courses**

List and provide course descriptions for new courses.

No changes in the curriculum will occur as a result of the degree designation and CIP Code change.

**Similar Programs in South Carolina offered by Public and Independent Institutions**

Identify the similar programs offered and describe the similarities and differences for each program.

Program Name and Designation	Total Credit Hours	Institution	Similarities	Differences
Doctor of Nurse Anesthesia Practice (DNAP)	116	MUSC	Must meet same standards set by Council on Accreditation of Nurse Anesthesia Educational Programs	Curriculum between the two programs varies slightly but is heavily regulated by accreditation body. No differences in the target audiences or candidates for admission. MUSC provided a letter of support (see attached)

### Faculty

State whether new faculty, staff or administrative personnel are needed to implement the program modification; if so, discuss the plan and timeline for hiring the personnel. Provide a brief explanation of any personnel reassignment as a result of the proposed program modification.

No additional changes will be required from faculty/staff/administration for this change in program designation, as program plan and curriculum will not change

### Resources

Identify new library, instructional equipment and facilities needed to support the modified program.

**Library Resources:** No additional requirements from the current DNP designator

**Equipment:** No additional requirements from the current DNP designator

**Facilities:** No additional requirements from the current DNP designator

This is a program designator change only, so use of resources is unchanged from the DNP program approved in June 2019.

### Impact on Existing Programs

Will the proposed program impact existing degree programs or services at the institution (e.g., course offerings or enrollment)? If yes, explain

Yes

No

This is a program designator change only, so impact on existing degree programs or services at the institution is unchanged from the DNP program approved in June 2019.

**Financial Support**

<b>Sources of Financing for the Program by Year</b>												
<b>Category</b>	<b>1<sup>st</sup></b>		<b>2<sup>nd</sup></b>		<b>3<sup>rd</sup></b>		<b>4<sup>th</sup></b>		<b>5<sup>th</sup></b>		<b>Grand Total</b>	
	<b>New</b>	<b>Total</b>	<b>New</b>	<b>Total</b>	<b>New</b>	<b>Total</b>	<b>New</b>	<b>Total</b>	<b>New</b>	<b>Total</b>	<b>New</b>	<b>Total</b>
Tuition Funding	208,000	1,333,000	208,000	1,507,000	208,000	1,889,000	0	1,889,000	0	1,889,000	624,000	8,507,000
Program-Specific Fees	44,460	300,960	44,460	331,740	44,460	362,520	0	362,520	0	362,520	133,380	1,720,260
Special State Appropriation												
Reallocation of Existing Funds												
Federal, Grant, or Other Funding												
<b>Total</b>	254,460	1,633,960	254,460	1,838,740	254,460	2,251,520	0	2,251,520	0	2,251,520	763,380	10,227,260
<b>Estimated Costs Associated with Implementing the Program by Year</b>												
<b>Category</b>	<b>1<sup>st</sup></b>		<b>2<sup>nd</sup></b>		<b>3<sup>rd</sup></b>		<b>4<sup>th</sup></b>		<b>5<sup>th</sup></b>		<b>Grand Total</b>	
	<b>New</b>	<b>Total</b>	<b>New</b>	<b>Total</b>	<b>New</b>	<b>Total</b>	<b>New</b>	<b>Total</b>	<b>New</b>	<b>Total</b>	<b>New</b>	<b>Total</b>
Program Administration and Faculty/Staff Salaries	217,770	1,349,625	215,940	1,528,050	215,940	1,894,050	0	1,894,000	0	1,894,000	649,650	8,559,675
Facilities, Equipment, Supplies, and Materials	5,000	140,000	5,000	145,000	5,000	150,000	0	150,000	0	150,000	15,000	735,000
Library Resources	5,000	10,000	2,500	12,500	2,500	15,000	0	15,000	0	15,000	10,000	67,500
Other (specify) Service Support (8.5%)	20,230	125,375	20,060	141,950	20,060	175,950	0	175,950	0	175,950	60,350	793,175
<b>Total</b>	248,000	1,625,000	246,000	1,827,500	246,000	2,245,000	0	2,245,000	0	2,245,000	740,000	10,187,500
<b>Net Total (Sources of Financing Minus Estimated Costs)</b>	6,460	8960	8,460	11,240	8,460	16,520	0	16520	0	16520	23380	69740

### Budget Justification

Provide a brief explanation for all new costs and sources of financing identified in the Financial Support table.

No changes will occur to the budget from the program designation change. All revenue and expenditures will remain the same. The above budget and below explanation is from the current DNP designator.

1. Tuition Funding calculation:

Year 1:

Masters – 52 students X \$7500 X 2 (semesters) = \$780,000

Doctoral – 26 Students X \$7545 X 3 (semesters) = \$588,510

Total tuition dollars year 1 = \$1,368,510

Minus 15 % to provost/graduate school \$216,450 (% I was given from chair)

Tuition to College thus is \$1,163,335

Year 2

Masters – 26 students X \$7500 X 2 semesters = \$390,000

Doctoral – 52 students X \$7545 X 3 semesters = \$1,326,000

Total tuition dollars year 2 = \$1,716,000

Minus 15 % to provost/graduate school \$257,400 (% I was given from chair)

Tuition to College thus is \$1,458,600

Year 3, 4, 5...

Doctoral – 78 students X 7545 X 3 semesters = \$1,989,000

Total tuition dollars per year = \$1,989,000

Minus 15 % to provost/graduate school \$298,350 (% I was given from chair)

Tuition to College thus is \$1,690,650

2. Since this is a new program, should they be including tuition for their Master's program in their budget?

The Graduate Program in Nurse Anesthesia is converting to a doctoral level, the DNAP will not be a separate program from the existing program, as Masters level students will still be completing their program after we admit the first two doctoral level classes. The Masters Fees and expenses were included as it will still be running thus incurring expenses.

3. Need details of their program fees and how they were calculated. According to their website the Master's program charges a total of \$1,710 per semester. This includes \$800 Health Science Fee, \$300 Tech fee and Ed Enrichment Fee of \$610. Would this new program have the same fees? It would have to be Board approved for a new program.

Was not sure what the program fees included but now utilizing the \$1710 as an estimate for the projected program fees.

Year 1

Masters - \$1710 X 52 students X 2 semesters = \$177,840

Doctoral - \$1710 X 26 students X 3 semesters = \$133,380

Total for year 1 = \$311,220

Year 2

Masters - \$1710 X 26 students x 2 semesters = \$88,920

Doctoral - \$1710 X 52 Students X 3 semesters = \$266,760

Total for year 2 = \$355,680

Year 3, 4, 5...

Doctoral – 1710 X 78 students X 3 semesters = \$400,140

### Evaluation and Assessment

Program Objectives	Student Learning Outcomes Aligned to Program Objectives	Methods of Assessment
<p>Integrate ethical principles and respect for the individual in delivering compassionate and quality care to patients and families - including those in vulnerable populations and from diverse backgrounds.</p>	<ol style="list-style-type: none"> <li>1) Explore the role of the DNAP as a leader, scholar, clinician, educator, advocate and ethical healthcare provider as well as involvement in health care policy.</li> <li>2) Demonstrates effective communication skills.</li> <li>3) Identify the impact of ethical-moral factors on questions studies, designs used in research, and functions of the nurse anesthetist.</li> <li>4) Asses the challenges faced by vulnerable populations, such as access to healthcare and incorporate social determinants of health.</li> </ol>	<p>Social determinants in healthcare analysis with case studies/vignettes Formative preceptor evaluation during clinical experiences Summative faculty evaluation of clinical performance Vulnerable Population Issue presentation</p>
<p>Generate evidence-based practice improvement initiatives that impact patient/population outcomes, safety, quality or innovation in anesthesia care delivery or healthcare</p>	<ol style="list-style-type: none"> <li>1) Apply a conceptual framework in developing a practice improvement project for an identified practice problem/issue.</li> <li>2) Integrate best evidence into patient care management.</li> <li>3) Integrate the implications from current research in the anesthetic management of selected cases or topics.</li> <li>4) Formulate an evidence-based anesthesia practice improvement initiative/project.</li> </ol>	<p>Completion of practice improvement initiative/project Faculty guided participation in Journal Clubs with peer critique using rubrics</p>
<p>Integrate physiological concepts, anesthesia delivery principles, and cultural understanding to create and administer anesthesia plans of care to patients across the life span.</p>	<ol style="list-style-type: none"> <li>1) Evaluate each patient’s status and formulate an individualized treatment plan throughout the perioperative process.</li> <li>2) Demonstrate skill in the preoperative, operative, and postoperative management of patients across the life span.</li> <li>3) Demonstrate knowledge of the integration of all body systems.</li> </ol>	<p>Anesthesia plans of perioperative care created for clinical encounters Formative preceptor evaluation during clinical experiences Summative faculty evaluation of clinical performance every semester</p>
<p>Apply systems theory, informatics, and current research to design, implement, and evaluate emerging approaches to nurse anesthesia practice and healthcare delivery.</p>	<ol style="list-style-type: none"> <li>1) Apply basic science concepts and foundational principles of anesthesia for the development of anesthesia care strategies for perioperative patients.</li> <li>2) Apply information theories/models and data management knowledge to the health care setting</li> <li>3) Present selected cases and anesthetic management or topics related to the practice of anesthesia in a peer review forum.</li> </ol>	<p>Evaluation of EBP Class Presentations Faculty guided class discussions of anesthesia cases Completion of the doctoral project with aspects of informatics and data management.</p>
<p>Develop and sustain collaborative relationships with patients, their families, and interprofessional teams to support healthcare policy improvement, facilitate patient safety, and improve patient outcomes.</p>	<ol style="list-style-type: none"> <li>1) Analyze learning theories as it applies to healthcare students, patients, families, staff, and peers.</li> <li>2) Critique multiple leadership and management styles effective in team and individual performance.</li> <li>3) Integrate patient safety strategies into all anesthesia provided services.</li> </ol>	<p>Evaluation of performance of educational objectives by clinical preceptors Evaluation of mentor/educator capabilities by other students and faculty Individualized Patient Anesthesia Care plans</p>



Will any the proposed modification impact the way the program is evaluated and assessed? If yes, explain.

Yes

No

This is a program designator change only, so program evaluation and assessment is unchanged from the 513818 (Nursing Practice) program approved by CHE in June 2019

Will the proposed modification affect or result in program-specific accreditation? If yes, explain; and, if the modification will result in the program seeking program-specific accreditation, provide the institution's plans to seek accreditation, including the expected timeline.

Yes

No

The Council on Accreditation of Nurse Anesthesia Educational Programs (COA) approves the program designator of DNP or DNAP. As this proposed modification changes the program designator from a DNP to DNAP, our pursuit of accreditation from the COA is unchanged and not affected. This is a program designator change only, so pursuit of program-specific accreditation is unchanged from the 513818 (Nursing Practice) program approved in June 2019. However, neglecting to make this change will require significant changes in the College of Nursing (CON) and the Graduate Program in Nurse Anesthesia in order to maintain the CON's current accreditation with the Commission on Collegiate Nursing Education (CCNE). CCNE accreditation was not sought or required for full accreditation from the national accreditation body for Nurse Anesthesia Programs (Council on Accreditation of Nurse Anesthesia Educational Programs). Program is fully accredited by the Council on Accreditation of Nurse Anesthesia Educational Programs, for a full 10 years, after a recent reaccreditation review in October 2019.

Will the proposed modification affect or lead to licensure or certification? If yes, identify the licensure or certification.

Yes

No

Explain how the program will prepare students for this licensure or certification.

This is a program designator change only, so preparation for certification or licensure is unchanged from the DNP program approved in June 2019. The Master's Program in Nurse Anesthesia already prepares its students for licensure and certification. This process will remain unchanged. Students will take the required courses for Advanced Nursing Practice licensure and to sit for the certification exam. Though courses required for Advanced Nursing Practice is unchanged, due to new COA requirements, courses to sit for the certification exam require acquisition of a Doctoral degree. This coursework has been added to the curriculum as shown in this new program proposal. Required paperwork/documentation from the university is processed prior to the student applying for licensure and the certification exam.

If the program is an Educator Preparation Program, does the proposed certification area require national recognition from a Specialized Professional Association (SPA)? If yes, describe the institution's plans to seek national recognition, including the expected timeline.

Yes

No



**Division of Anesthesia for Nurses**  
**Department of Health Professions**  
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Charleston, SC 29425  
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October 25, 2018

South Carolina Commission on Higher Education  
1122 Lady Street  
Suite 300  
Columbia SC 29201

To Whom It May Concern:

As the Division Director of the Medical University of South Carolina Anesthesia for Nurses program, I am writing this letter in support of the University of South Carolina's Nurse Anesthesia Program's transition to the Doctor of Nurse Anesthesia Practice. The faculty from both programs have discussed the transition and how we assist each other in the future. I look forward to collaborating with their faculty as both programs continue to develop South Carolina's nurse anesthesia workforce.

Please contact me with any questions,

A handwritten signature in black ink that reads "Angie Mund". The signature is written in a cursive, flowing style.

Angela Mund DNP CRNA  
Associate Professor  
Division Director  
Anesthesia for Nurses  
[mund@musc.edu](mailto:mund@musc.edu)