Office of Institutional Research, Assessment & Analytics

December 11, 2023

Dr. Kevin Sightler, Director of Substantive Change
Commission on Colleges
Southern Association of Colleges and Schools
1866 Southern Lane
Decatur, GA 30033-4097

Dear Dr. Sightler:

The University of South Carolina Columbia is submitting the attached prospectus for approval of a new program at the current degree level that is a significant departure from current programs. The Nurse Midwife Master of Science in Nursing program will be offered in Fall 2024. The program will be delivered via 100% online didactic learning. Nursing courses have didactic components online but require direct Face-to-Face clinical practice and other activities such as clinical conferencing or case-based projects along with timed on campus immersions to assess student competency.

In addition to providing notice of this new program this prospectus also provides notification of a new off-campus instructional site location where students will be able to earn 25%-49% of the Nurse Midwife Master of Science in Nursing degree. The address of the new off-campus site is: Lexington Medical Center Nursing Building, 150 Sunset Court, West Columbia, SC 29169.

The University of South Carolina has prepared a prospectus to request approval to offer the Nurse Midwife Master of Science program. Should you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Douglas Miles

Donald Miles, Executive Director OIRAA
SACSCOC Accreditation Liaison

Enclosure

Substantive Change Cover Sheet

Note:

1. Include a completed cover sheet with each submission; please don't submit a cover sheet only.
2. Submit substantive changes as separate submissions except as permitted by policy.
3. Submit substantive changes defined in policy only; others are not reviewable.
4. For best results, download this form and complete with Adobe Reader. Hover mouse over fields for guidance.

INSTITUTIONAL INFORMATION

INSTITUTION (NO ABBREVIATIONS PLEASE)

University of South Carolina Columba

CITY + STATE/PROVINCE
Columbia, SC

SUBSTANTIVE CHANGE RESTRICTION

	Yes	No
1. Is the institution currently on Warning, Probation, or Probation for Good Cause?	○ Yes	◉ No
2. Was the institution placed on Warning, Probation, or Probation for Good Cause on or after September 3, 2020, and subsequently removed from sanction?	○ Yes	◉ No
3. Is the institution currently under provisional certification for participation in federal financial aid programs?	○ Yes	◉ No

If ANY are "Yes" the institution is on **SUBSTANTIVE CHANGE RESTRICTION.**
Additional and/or different requirements may apply; consult policy.

SUBMISSION INFORMATION

SUBSTANTIVE CHANGE TYPE (SELECT FROM DROP-DOWN LIST: SUBMIT ONLY TYPES DEFINED IN POLICY)

Program Change: New Program-Approval

SUBMISSION DATE
12/11/2023

SUBSTANTIVE CHANGE DESCRIPTION (BRIEF SUMMARY)
Prospectus for approval of Nurse Midwife Master of Science Program

INTENDED IMPLEMENTATION
08/01/2024

OFF-CAMPUS INSTRUCTIONAL SITES SUBMITTED IN THIS SUBSTANTIVE CHANGE

Site Name, Physical Address, City, State/Province, ZIP or Postal Code, and Country/Territory

1. Lexington Medical Center Nursing Building, 150 Sunset Court, West Columbia, SC 29169
2.
3.
4.
5.

There are more than **5** sites in this submission→

PROGRAMS SUBMITTED IN THIS SUBSTANTIVE CHANGE

Include credential AND discipline: e.g., Associate of Arts in English, Bachelor of Science in Physics, Certificate in Office Management, etc.

1. Master of Science in Nurse Midwife
2.
3.
4.
5.

There are more than **5** programs in submission→

SUBMITTED

I certify the information on this form is correct and accurately represents the current status of the institution at the time of submission.

SUBMITTING LIAISON or CEO NAME

Donald Miles

EMAIL ADDRESS

dmiles@mailbox.sc.edu

FOR OFFICE USE

University of South Carolina - Columbia

Substantive Change Prospectus

Nursing Midwife Master of Science in Nursing Program

December 11, 2023

Douglas Miles
_____

Donald Miles
Executive Director OIRAA
SACSCOC Liaison

Contact:

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ABSTRACT

The purpose of this proposed program in Nurse Midwife at the University of South Carolina (USC) College of Nursing (CON) is to promote the health of women in South Carolina. As an institution committed to optimizing health and quality of life for citizens of South Carolina, nurse-midwifery is a natural fit as nurse-midwives are primary care providers who promote the health of women and newborns.

The proposed program **Nurse Midwife Master of Science in Nursing Program** at the University of South Carolina, College of Nursing seeks to educate registered nurses to obtain advanced educational preparation to promote the health of women in South Carolina. The MSN will permit BSN prepared nurses to obtain a certificate to practice in less time supporting the goal of increasing postsecondary educational attainment by providing an accessible online pathway to further education of students and promoting health and equity of health care for all South Carolina citizens. As such, it is aligned with the SC Public Agenda for Higher Education's goal to increase the proportion of South Carolinians with high-quality postsecondary credentials as it provides a clear pathway to further education, employment, or both.

The projected start date for the first cohort of students is Fall 2024.   The projections for the program enrollment are below:

Projected Enrollment – Nurse Midwife MSN PROGRAM									
	Fall Headcount			Spring Headcount			Summer Headcount		
Year	New	Total	Total Credit Hours	New	Total	Total Credit Hours	New	Total	Total Credit Hours
Year 1	4	4	24	0	4	24	6	10	72
Year 2	4	14	92	0	14	94	6	20	248
Year 3	4	24	240	0	24	268	6	24	428
Year 4	4	28	404	0	28	408	6	24	428
Year 5	4	28	404	0	28	408	6	24	428

Delivery Method of Program

The Nurse midwife program will be delivered via 100% online didactic learning. Nursing courses have didactic components online but require direct Face-to-face clinical practice and other activities such as clinical conferencing or case-based projects along with timed on campus immersions to assess student competency.

The Learning Management System (Blackboard) allows USC faculty to create a secure course website for class communications, posting assignments, posting readings, linking to complementary websites, administering exams, and much more. In courses that use Blackboard, the course syllabus will provide basic information about accessing Blackboard (https://blackboard.sc.edu). Additional information about Blackboard is available at http://www.uts.sc.edu/academic/blackboard/.

Program Locations University of South Carolina Columbia

- Online / Columbia Delivery

- Immersions at Lexington Medical Center Nursing Building planned for NURS 704, 753 and 762 only. Address: 150 Sunset Court West Columbia, SC 29169

This prospectus also provides notification to SACSCOC of a new off-campus instructional site location, Lexington Medical Center Nursing Building, for the University of South Carolina Columbia where students will be able to earn 25%-49% of the Nurse Midwife Master of Science in Nursing Program Degrees.   This change is effective August 2024. The address of the new off-campus site is listed below:

Lexington Medical Center Nursing Building
150 Sunset Court West Columbia, SC 29169

The Lexington Medical Center location is not intended to be a branch campus. This location is an off-campus instructional site. This site will be ongoing.

DETERMINATION OF THE NEED FOR THE CHANGE/RELATIONSHIP TO MISSION/PLANNNING AND APPROVALS FOR THE CHANGE

USC's Mission Alignment

The proposed program fits with the University's mission to educate "the state's citizens through teaching, research, creative activity, and community engagement" and to lead "the way in providing all students with the highest-quality education, including the knowledge, skills, and values necessary for success and responsible citizenship in a complex and changing world." This program was developed to meet the state's need to improve access to care for women and children. In addition, the proposed program aligns with the University's recently released Strategic Plan as it will help attract and retain a diverse student body and develop impactful community partnerships as this program was developed at the request of a community partner (PRISMA).

Assessment of the Need

The need is great for nurse midwife programs across the country, but especially in SC. Currently, there are only 39 ACME-accredited DNP, MSN, and Certificate programs combined in the U.S.[1] Kentucky and North Carolina each have one program while there are two programs in Tennessee and Georgia. There are no nurse midwife programs in South Carolina.

South Carolina Labor Market / Career Placement Outlook and Salaries

Occupation	SOC Code	Source	Current Employment Totals	10 year % Growth Projections	Average Salary (O-Net data)

Nurse-Midwife	29-1161	Bureau of Labor Statistics and ONet	8,100 nationally (BLS)	BLS: 7% (from 8,100 in 2021 to 8,700 projected for 2031 nationally) ONet: 8-10%	$120,880 annual (ONet)
Nursing Instructors and Teachers, Postsecondary	25-1072	EDEPS	Average annual openings of 110 for SC	24.4% (from 860 in SC in 2020 to 1070 projected for 2030)	$77,280 (EDEPS)

Note – SOC Codes should closely align with the CIP code.

Certified Nurse Midwives (CNMs) have legal authority to practice in every state and can work in a variety of settings: private practices, hospitals, birth centers, health clinics, and home birth services. In a conversation with Sharon Ryan CNM, DNP, Director of Midwifery Practice, Education and Global Outreach at ACNM (January 2020), she noted the US Bureau of Labor Statistics projects a 16% increase in midwifery jobs over the next 10 years reflecting about 1000 jobs created. Growth will probably be even more since this does not take into consideration the emerging maternity care provider shortage; ACOG projects an 18% shortage of providers by 2030. In 2020, SC only had 77 certified nurse midwives and only 16 of 46 counties had a certified nurse midwife (2021 South Carolina Health Professions Data Book). Additionally, in 2020, 11 of 46 counties did not have an Obstetrician-Gynecologist (2021 South Carolina Health Professions Data Book)). Additionally, about one-third of the state's population is more than 30-40 minutes away from an obstetrician (Sexton, 2021).

Our SC affiliate is aware of several practice locations interested in employing CNMs to help meet the needs of underserved areas, though these services have not advertised for position openings. There are also positions currently filled by CNMs nearing retirement who will need replacements, and current physician practices looking to add midwifery in the next two to four years. A search of positions on SCWorks on July 26, 2023 resulted in 17 open positions for nurse midwives.

Industry Collaboration and Feedback

The U.S. maternal mortality rate is 14 deaths per 100,000 live births and is substantially higher than in peer nations such as Canada, which has 7 maternal deaths per 100,000 live births, and the United Kingdom, which has 9 maternal deaths per 100,000 live births. The maternal mortality rate in SC is 24.7/100,000 live births. For Black women in SC, the maternal mortality rate is 46.3/100,000 and in white women, 13.7/100,000. Healthy 2020's goal is to have a rate no higher than 11.4 deaths/100,000 live births.[2]

While inadequate prenatal care clearly affects women's health, inadequate care also has adverse effects on newborns and infants. The 2019 March of Dimes Report Card[3] gave South Carolina a grade of "D" for the high rate of preterm births in our state (11.3%). Only 6 other states exceed SC's rate. According to the Charleston Post & Courier[4], 3406 infants in SC died prior to their first birthday in 2018, for an average of 7.2/1000 infants compared with the U. S. national average of 5.9/1000, placing SC's infant mortality rate among the 10 highest in US states. Black infants in SC die at more than twice the rate of white infants (12.2/1000 vs. 5/1000). More than 1,200 women who gave birth in SC received no prenatal

care and access to care for women living in rural, underserved counties is costly on social, economic, and psychological levels. Attached are letters of support from USC School of Medicine/Prisma Health and the ACNM SC Affiliate (APPENDIX).

Admission and Completion Requirements

Admission Criteria
- Bachelor of Science in Nursing from a nationally accredited program.
- Minimum Cumulative GPA of 3.0 on a 4.0 scale from previous undergraduate and any graduate work.
- Official transcripts from all colleges or universities attended must be submitted, whether you received a degree or not. Applicants who attended a BSN program that issued pass or fail grades for all classes will not be considered a competitive applicant.
- Three professional references - The professional recommendation form should come from individuals with a master's or higher in a healthcare field who can evaluate your potential for success in a graduate program. (Letters of recommendation cannot be used in lieu of our recommendation form.) Recommendations from family members are not appropriate.
- A personal goal statement that reflects MSN program outcomes
- Current curriculum vitae or resume
- Current unencumbered RN licensure in the state of residence
- GRE not required

Requirements for earning the Masters include:
1. Completion of an approved program of study;
2. Completion of an applied research course, NURS 791 (3);
3. A GPA of 3.00 (on a 4.00 scale) on all courses attempted for graduate credit and all courses numbered 700 and above;
4. A GPA of a 3.00 (on a 4.00 scale) on all courses on the approved program of study;
5. Passing a comprehensive assessment during the last semester of the program

CURRICULUM

The Nurse Midwifery program prepares registered nurses to provide direct patient management in primary care and hospital. Graduates are employed in a variety of settings including the hospital, community health clinics, birth centers, and women's health care settings.
The curriculum prepares students to take the national certification exam from the American Midwifery Certification Board (AMCB).

Learning Outcomes
- Apply theoretical knowledge to the practice of advanced nursing roles.
- Utilize evidence to address population health problems.
- Demonstrate professionalism at the advanced nursing level in caring for women across the lifespan.
- Pursue quality, effectiveness, and innovation in shared leadership of interprofessional health teams in caring for women across the lifespan.

Requirements for earning the Masters include:

1. Completion of an approved program of study;
2. Completion of an applied research course, NURS 791 (3);
3. A GPA of 3.00 (on a 4.00 scale) on all courses attempted for graduate credit and all courses numbered 700 and above;
4. A GPA of a 3.00 (on a 4.00 scale) on all courses on the approved program of study;
5. Passing a comprehensive assessment during the last semester of the program.

Course Requirements (51 Hours)

Course	Title	Credits
NURS 707	Advanced Pathophysiology for Nurses	3
NURS 702	Pharmacologic Mgmt in Pediatric, Adult, & Gerontological Patients Across Hlthcare Delivery Continuum	3
NURS 704	Advanced Health Assessment and Diagnostic Reasoning [1]	3
NURS 718	Diagnostic Interpretation and Therapeutic Modalities	3
NURS 700	Theoretical and Conceptual Foundation for Nursing	3
NURS 789	Statistical and Research Methods for Nursing Practice	3
NURS 791	Seminar in Clinical Nursing Research	3
NURS 720	Clinical Application of Population Analysis	3
NURS 749	Foundations of Midwifery Care	2
NURS 744	Anatomy & Physiology for Midwives	3
NURS 762	Midwifery Care in Women's Health[1, 2]	3
NURS 752	Nurse-Midwifery Management: Antepartum Care & Postpartum Care [2]	7
NURS 753	Nurse-Midwifery Management: Intrapartum Care, Immediate Postpartum & Newborn Care [1, 2]	7
NURS 754	Nurse-Midwifery Management: Integration [2]	3
NURS 755	Professional Roles of the Nurse-Midwife	2
Total Credit Hours		**51**

1 Indicates on campus immersion course.
2 Indicates practicum course.

Curriculum Map:

BSN to MSN CNM (8 semesters)

Fall semester start (August)

Year 1	Fall Semester 1		Spring Semester 2		Summer Semester 3	
	NURS 700 (3 credits) A			NURS 789 (3 credits) B		NURS 791 (3 credits) B
	NURS 707 (3 credits)		NURS 702 (3 credits)		NURS 704 (3 credits)+	
Year 2	**Fall Semester 4**		**Spring Semester 5**		**Summer Semester 6**	
	NURS 720 (3 credits) A		NURS 744 Anatomy & Physiology for Midwives (3 credits)		NURS 752 Nurse-Midwifery Management: Antepartum & Postpartum Care (7 credits)*	
	NURS 718 (3 credits) NURS 762 (3 credits) +*		NURS 749 Foundations of Midwifery Care (2 credits)			
Year 3	**Fall Semester 7**		**Spring Semester 8**			
	NURS 753 Nurse-Midwifery Management: Intrapartum, Immediate Postpartum & Newborn Care (7 credits)*+		NURS 754 Nurse Midwifery Management: Integration Practicum (3 credits)*			
			NURS 755 Professional Roles of the Nurse-Midwife (2 credits)			

Total 51 credit hours, 896 clinical hours
+ on campus immersion
* course requires clinical hours
New Course

Course Descriptions

The program will include seven (7) new courses covering the essential components of Nurse Midwifery core standards. These 6 (six) courses were developed and approved in Fall 2021. One course pending approval Fall 2023.

NURS 744* (3 credits) Anatomy & Physiology for Certified Nurse Midwife Analysis of the normal anatomy & physiologic basis for reproduction in humans that serves as the foundation for clinical assessment, decision making, and management for nurse midwives.

NURS 749* (2 credits) Foundations of Midwifery Analysis of both historical perspectives and current societal influences with consideration of how each has impacted the development of nurse-midwifery and the midwifery profession.

NURS 752* (7 credits) Nurse-Midwifery Management: Antepartum & Postpartum Care Evaluation Management of antepartum care using evidence-based practice guidelines as well as laboratory and diagnostic studies, health promotion in pregnancy and understanding of fetal evaluation.

NURS 753* (7 credits) Nurse-Midwifery Management: Intrapartum, Immediate Postpartum Care & Newborn Care Focuses on the management of care during physiologic childbearing including the development of clinical judgment and decision-making from concepts of physiologic birth and its variations through management of intrapartum complications.

NURS 754* (3 credits) Nurse Midwifery Management: Integration Practicum Integrates, applies, and reflects upon the full scope clinical midwifery experience incorporating decision-making and self-evaluation in providing holistic care to the lifespan of the woman and the newborn.

NURS 755* (2 credits) Professional Roles of the Certified Nurse-Midwife This course focuses on the role of the nurse midwife. Special consideration is given to business, policy, legal, cultural, and ethical issues regarding nurse midwifery.

NURS 762 (3 credits) Midwifery Care in Women's Health Women's health care focused on the reproductive, gynecological, and primary health care needs. Field study required. (New course pending approval Fall 2023)

The program will include eight (8) already approved MSN courses.

NURS 700 (3 Credits) Theoretical and Conceptual Foundation for Nursing
Concept development, model and theoretical framework interpretation, and theoretical formulations in nursing. Critical analysis of current theories of nursing, related nursing research, and selected theories from natural, behavioral, and applied health sciences.

NURS 702 (3 credits) Pharmacologic Management in Pediatric, Adult, & Gerontological Patients Across Healthcare Delivery Continuum Pharmacologic management of acute and chronic health problems of pediatric, adult and gerontological patients across the healthcare delivery continuum.

NURS 704 (3 credits) Advanced Health Assessment and Diagnostic Reasoning Advanced theory and practice in critical thinking, physical assessment, diagnostic reasoning for clients across the lifespan to identify pathologic variations and initiate appropriate interventions. Didactic, lab, and field study.

NURS 707 (3 credits) Advanced Pathophysiology for Nurses Advanced concepts of pathophysiological functioning with application to advanced nursing practice in selected specialty areas.

NURS 718 (3 credits) Diagnostic Interpretation and Therapeutic Modalities Analysis of diagnostic and laboratory findings for clinical decision-making in advanced practice nursing. Course incorporates selected medical and nursing diagnostic and therapeutic modalities.

NURS 720 (3 credits) Clinical Application of Population Analysis Application of concepts and principles of epidemiology, genetics/genomics, health informatics, and population health assessment to support clinical decision-making skills within different practice environments and health policy development.

NURS 789 (3 credits) Statistical and Research Methods for Nursing Practice Exploration of research methods, including application of basic statistical principles and procedures. Evaluation of published nursing research reports.

NURS 791 (3 credits) Seminar in Clinical Nursing Research Survey and critical analysis of current research in clinical nursing and related disciplines.

Total Credit Hours Required: 51

Objectives and Outcomes

Master of Science Nurse-Midwife
The Nurse Midwifery program prepares registered nurses to provide direct patient management in primary care and hospital. Graduates are employed in a variety of settings including the hospital, community health clinics, birth centers, and women's health care settings.
The curriculum prepares students to take the national certification exam from the American Midwifery Certification Board (AMCB).

Program Learning Outcomes

Program Learning Outcomes	
Outcome 1	Apply theoretical knowledge to the practice of advanced nursing roles.
Outcome 2	Utilize evidence to address population health problems.
Outcome 3	Demonstrate professionalism at the advanced nursing level in caring for women across the lifespan.
Outcome 4	Pursue quality, effectiveness, and innovation in shared leadership of interprofessional health teams in caring for women across the lifespan.

Evaluation and Assessment

The chart below summarizes student learning outcomes, measures and criteria, methods of assessment and expectation of student performance.

Learning Outcomes (LOs)	Curriculum	Measures and Criteria	Methods
1. Apply theoretical knowledge to the practice of advanced nursing roles.	NURS 700	**Assignment**: PO-1 Essay. **Outcome Assessed**: 80% of students earn a B or higher on the assignment.	**Collection plan**: NURS 700 faculty will report the grades each time NURS 700 is taught for the PO-1 Essay to the DNP/MSN/CGS Evaluation committee. The DNP/MSN/CGS evaluation committee will assess results and determine if results: exceed, meet, or falls below the stated benchmark. The DNP/MSN/CGS evaluation committee will report the results to the academic council. The DNP/MSN/CGS Evaluation committee will work with the faculty to make changes to the course should results warrant. Final approval would be in DNP/MSN/CGS council.
2. Utilize evidence to address population health problems.	NURS 720	**Assignment**: Infographic Project. **Outcome Assessed**: 80% of students demonstrate competency with a grade of B or higher on the assignment.	**Collection plan**: NURS 720 faculty will report the grades each time NURS 720 is taught for the Infographic Project to the DNP/MSN/CGS Evaluation committee. The DNP/MSN/CGS evaluation committee will assess results and determine if results: exceed, meet, or falls below the stated benchmark. The DNP/MSN/CGS evaluation committee will report the results to the academic council. The DNP/MSN/CGS Evaluation committee will work with the faculty to make changes to the course should results warrant.

			Final approval would be in DNP/MSN/CGS council.
3. Demonstrate professionalism at the advanced nursing level in caring for women across the lifespan.	NURS 754	**Assignment**: Completion of clinical experiences. **Outcomes Assessed**: Faculty review of preceptor evaluation and determined satisfactory completion of practicum experience as demonstrated by evaluation of the tool specific to program. 85% of all students successfully complete the required clinical experience.	**Collection plan**: Course faculty for NURS 754 will report the numbers of students satisfactorily completing the clinical requirements to the DNP/MSN/CGS/DNP Evaluation committee each time the courses are taught. The DNP/MSN/CGS evaluation committee will assess results and determine if results: exceed, meet, or falls below the stated benchmark. The DNP/MSN/CGS evaluation committee will report the results to the academic council. The DNP/MSN/CGS Evaluation committee will work with the faculty to make changes to the course should results warrant. Final approval would be in DNP/MSN/CGS council.
4. Pursue quality, effectiveness, and innovation in shared leadership of interprofessional health teams in caring for women across the lifespan.	NURS 755	**Assignment**: IPE learning modules on interprofessional leadership using a case study approach. **Outcomes Assessed**: 85% of students will successfully complete all learning modules.	**Collection plan**: Course faculty for NURS 755 will report the numbers of students satisfactorily completing the case study / discussion to the DNP/MSN/CGS Evaluation committee each time the courses are taught The DNP/MSN/CGS evaluation committee will assess results and determine if results: exceed, meet, or falls below the stated benchmark. The DNP/MSN/CGS evaluation committee will report the results to the academic council. The DNP/MSN/CGS Evaluation committee will work with the faculty to make changes to the course should results warrant. Final approval would be in DNP/MSN/CGS council.

Compliance with SACSCOC Standard 10.7

The College of Nursing follows University policies for determining the amount and level of credit awarded for its courses. Course development begins with an assigned faculty member with content expertise, with the help of the Director of Distributed Learning as applicable. Decisions regarding the number of credit hours and level of the proposed course are proposed to the Curriculum committee and voted on within the appropriate Academic Council.

Clinical course hours: credit allocation is at an 8:1 ratio. For every eight (8) clock hours of direct clinical 1 credit is awarded.

Simulation course hours: credit allocation is at a 4:1 ratio. For every four (4) clock hours of direct clinical 1 credit is awarded.

Lab course hours: credit allocation is at a 2:1 ratio. For every two (2) clock hours of direct clinical 1 credit is awarded.

Clock hours: are allocated at the 50-minute academic hour.

All courses are overseen by qualified faculty.

Administrative Resources and Oversight

Chief Nursing Administrator: Jeannette O. Andrews, PhD, RN, ANP, FAAN is the seventh Dean of the USC College of Nursing beginning January 2013. Dr. Andrews' distinguished record of leadership in education, scholarship, practice, administration, strategic planning, and development clearly demonstrates her ability to lead the College forward in the years ahead.

Chief Academic Administrator: Alicia Ribar, PhD, APRN, FNP-BC, CNE is the chief academic officer, providing leadership in the strategic development and implementation of curricula that meet the needs of a diverse undergraduate and graduate student population. She oversees the Office of Student Affairs and Clinical Simulation Center.

Program Director: A full-time certified nurse midwife will serve as the program director for the certificate, MSN, and DNP programs and also serve as a full-time program faculty member. The program director will provide day-to-day oversight of the program.

Academic Advisor: A shared professional advisor will provide student support for the program.

Shared Faculty Governance: The faculty component of the shared governance model is organized around three academic councils (BSN, DNP/ MSN/Certificate, and PhD). The DNP/ MSN/Certificate Council will provide admission, curricular, and evaluation of the Nurse Midwife Certificate, MSN, and DNP programs.

Academic Assessment & Accreditation Manager: The Academic Assessment and Accreditation Manager will work directly with the Chief Academic Administrator on all matters related to assessment and accreditation; oversee the work of the Academic Councils by supporting the council and committee chairs in assisting with their assessment needs, conduct training, research and/or program administration.

Faculty Qualifications

The University of South Carolina Faculty Manual outlines the minimum qualifications required of teaching faculty by rank. For tenured/tenure/track appointments (e.g., Professor, Associate Professor, Assistant Professor) faculty are required to hold a terminal degree in the teaching, or in a closely related, discipline in addition to a potential, for untenured faculty, or an established scholarly presence within a disciplinary area of expertise. For Instructors, a faculty member is expected to possess a master's degree in the teaching discipline or a master's degree with a concentration in the teaching discipline. ACAF 1.20: Credentials Verification for Instructors of Record (Appendix D) requires that the credentials of all

instructors of record are in compliance with accreditation requirements. For instructors of record at the graduate level, faculty must have earned a doctoral/terminal degree in the teaching discipline or related discipline. When the credentials of an instructor of record does not meet these requirements but demonstrates outstanding professional experience or contributions to the teaching discipline, the individual may be alternatively credentialed. To teach a course at the graduate level this requires that the course department explain and provide documentation of the instructor's alternative qualifications to teach a specific course, which may include research, professional licensure or qualification, professional development, or other specialized training. In addition, for graduate courses, the instructor must have, at a minimum, 18 hours of relevant graduate coursework in addition to alternative credentials. Any exceptions require approval from the Office of the Provost.

Please see (**Appendix C**) for the faculty roster containing information for those faculty teaching required coursework within the Nurse Midwife Master of Science in Nursing Program. The faculty roster includes courses taught during Spring 2023 and Fall 2023. Faculty listed in roster are the same faculty that are expected to teach when the program starts in Fall 2024.

Resources and Budget

Faculty Resources
Total FTE needed to support the proposed program:
Faculty: All courses in the MSN 51 credit hour curriculum are already being taught in the MSN/DNP programs except the Nurse Midwife specific courses totaling 27 credit hours. Each major specific course will be offered once a year. New expenses in year 1 include a faculty member who will also serve as program director and part-time staff member that will be hired during the second year of the program. The program will also share in the existing costs of an advisor, and associate deans. All courses in the program are allocated as 25% (twenty-five) percent teaching workload for the assigned faculty. Total human resources are:
Faculty: 3.75 FTE (1.5 new across the DNP, MSN, CGS NM Programs)
Staff: 0.25 FTE
Administration: 0.5 FTE

 Non-Instructional Staff
The College of Nursing (CON) recently added an additional staff line in student services to support the growth in all the CON programs for academic advising and contracts. Student resources are listed in the graduate student handbook located at
http://www.sc.edu/study/colleges_schools/nursing/internal/current_students/index.php
All nursing courses in the MSN Program are delivered online through Blackboard.
The CON employs a full-time instructional designer who has 20+ years of experience with online educational best practices and pedagogy. This individual provides support to all faculty teaching online. The College has a long, successful history of online education that meets the needs of working nurses at the graduate level.

Library and Learning Resources

The Thomas Cooper Library acquires material in a variety of formats to support current and projected curricular offerings, the needs of students, and faculty teaching and researching. Reference librarians are available during normal operating hours. Reference and literature search requests are accepted in-person, by telephone, or online. Assistance is offered in locating materials, computerized bibliographic

searches, identifying authoritative web sites with quality content, using local databases, interlibrary loan requests, class presentations, and advice on library services and policies. Students are made aware of library services through course syllabi and individual course orientation.

The Thomas Cooper Library's Research & Instruction Department offers a range of instructional services. Class-tailored sessions are offered to provide general library introductions and hands-on instruction focusing on the information needs of a particular class. Personal instruction is available at the reference desk, via email, Ask a Librarian online chat, via the telephone, and by appointment via the online Library's Book a Librarian service.

The Educational Film Collection is housed in Thomas Cooper Library and provides documentary and feature films for classroom education. Collections include videotapes, 16mm films, and DVDs as well as streaming film resources that are licensed for classroom use. For example, a mediated access model is available for Kanopy, which is a streaming video platform. Faculty or instructors can request a Kanopy film license to provide required course material. The Educational Film Collection has a Film Manager, who is able to work with faculty or instructors to research options for and secure films that are required course material.

Interlibrary loan services are provided to obtain materials that are not available from University Libraries. The University Libraries provides interlibrary loan services to current students, faculty, and staff of the University of South Carolina Columbia campus free of charge. Faculty may have up to 100 active requests, staff may have up to 25 active requests, graduate students may have up to 50 active requests, and undergraduates may have up to 15 active requests. Electronic desktop delivery of book chapters and periodical articles can be requested through the Scan and Deliver link located in the library catalog or via the Scan and Deliver option in ILL Express.

Students also have access to additional library collections, databases, and resources provided by the Partnership Among South Carolina Academic Libraries (PASCAL). In addition to shared licensing of electronic resources, PASCAL Delivers enables students, faculty, and staff to request and receive print books from participating academic libraries in South Carolina. Students are made aware of library and learning information resources available to them during orientation sessions, course syllabi, and individual course orientation.

Students will utilize the online resources provided to all University of South Carolina (USC) students via Thomas Cooper Library and PASCAL. A search of the Thomas Cooper library shows 300-400 holdings under "maternal child health/nursing." Nursing also has several key databases available through the library:
CINAHL Complete is coverage of the literature in nursing and allied health care areas. PubMed-Medline is the premier database of worldwide biomedical literature including research, clinical practice, administration, policy issues, and health care services.
Joanna Briggs Institute EBP (Evidence-Based Practice) Database covers a wide range of medical, nursing, and health science specialties and includes a unique suite of information that has been analyzed, appraised, and prepared by expert reviewers at the JBI so you can integrate the world's best evidence into your research. It includes evidence summaries, evidence-based recommended practices, best practice information sheets, systematic reviews, consumer information sheets, systematic review protocols, and technical reports.
The Cochrane Library at the School of Medicine also provides reliable and up-to-date information on the effects of interventions in health care.

Equipment

The USC – Columbia campus Center for Simulation and Experiential Learning (SAEL) is clinical teaching environment designed as a hospital-like setting including beds with head wall units that house suction and oxygen, exam tables, task trainers, and high-fidelity manikins. In partnership with Lexington Medical Center, the CON broke ground on a new teaching facility in West Columbia, South Carolina. The second floor of the building will house a new state of the art 15,000-square-foot nursing simulation center and there is an open classroom area equipped with advanced audio/visual equipment for group simulation learning activities for groups of 40 students. There are eight individual simulation suites replicating hospital/clinical environments and an additional six clinical exam rooms for Simulated Participant experiences. Each room has cameras and microphones to capture simulation experiences with a web-based learning management system. Experiences can be viewed live or after it has been recorded from anywhere on campus. Students and faculty also have access to one of five rooms, all outfitted with audio/visual equipment, that can be used for debriefing simulated experiences or using those spaces for skills activities. Current equipment used for nurse practitioner education will be used for the proposed program. In December 2020, the SAEL was accredited by the Society for Simulation in Healthcare and the Council for Accreditation of Healthcare Simulation, demonstrating a high level of quality.

Facilities

The Primary CON campus is housed in Columbia on the USC campus, in a recently renovated building with private offices and computers for each faculty. The CON occupies 43,342 square feet of the Williams-Brice Building and the annex auditorium. The CON has a 7,300 square foot clinical simulation center (using about 500 for undergraduate and 525 for graduate), which is about 7.12 sq ft/student and demonstrates our compliance with simulation standards that "there is adequate space to facilitate quality educational experiences." The simulation lab supports multiple components of clinical curricula, including graduate NP programs. Physical space expanded in 2015, with the procurement of eight additional offices. Renovations in 2015 included two new "smart classrooms", eight new offices, two new conference and meeting rooms. In 2017, an outdated space, made way for an improved computer center available for testing. Renovations in 2018 provided additional office spaces, a large multi-purpose classroom with high technology for distance broadcasting, study rooms and spaces for students.

Sources of Financing for the Program by Year												
Category	1st		2nd		3rd		4th		5th		Grand Total	
	New	Total	New	Total	New	Total	New	Total	New	Total	New	Total
Tuition Funding	$18,874.92	$18,874.92	$65,021.88	$65,021.88	$245,124.36	$245,124.36	$324,737.40	$324,737.40	$324,737.40	$324,737.40	$978,495.96	$978,495.96
Program-Specific Fees	$8,880.00	$8,880.00	$29,008.00	$29,008.00	$59,352.00	$59,352.00	$74,960.00	$74,960.00	$72,440.00	$72,440.00	$244,640.00	$244,640.00
Special State Appropriation	$-	$-	$-	$-	$-	$-	$-	$-	$-	$-	$-	$-
Reallocation of Existing Funds	$-	$-	$-	$-	$-	$-	$-	$-	$-	$-	$-	$-
Federal, Grant, or Other Funding	$69,164.40	$69,164.40	$74,635.60	$74,635.60	$75,915.20	$75,915.20	$-	$-	$-	$-	$219,715.20	$219,715.20
Total	**$96,919.32**	**$96,919.32**	**$168,665.48**	**$168,665.48**	**$380,391.56**	**$380,391.56**	**$399,697.40**	**$399,697.40**	**$397,177.40**	**$397,177.40**	**$1,442,851.16**	**$1,442,851.16**
Estimated Costs Associated with Implementing the Program by Year												
Category	1st		2nd		3rd		4th		5th		Grand Total	
	New	Total	New	Total	New	Total	New	Total	New	Total	New	Total
Program Administration and Faculty/Staff Salaries	$66,000.00	$103,350.00	$67,980.00	$138,985.60	$80,099.60	$153,235.20	$89,222.40	$164,552.00	$91,899.20	$169,488.80	$395,201.20	$729,611.60

Facilities, Equipment, Supplies, and Materials	$1,600.00	$1,600.00	$10,800.00	$10,800.00	$11,124.00	$11,124.00	$11,457.72	$11,457.72	$11,801.45	$11,801.45	$46,783.17	$46,783.17
Library Resources	$-	$-	$-	$-	$-	$-	$-	$-	$-	$-	$-	$-
Service Support (estimated at 17%)	$3,208.74	$3,208.74	$11,053.72	$11,053.72	$41,671.14	$41,671.14	$55,205.36	$55,205.36	$55,205.36	$55,205.36	$166,344.31	$166,344.31
Other (specify)	$7,172.47	$7,172.47	$24,708.31	$24,708.31	$93,147.26	$93,147.26	$123,400.21	$123,400.21	$123,400.21	$123,400.21	$371,828.46	$371,828.46
Total	$77,981.21	$115,331.21	$114,542.03	$185,547.63	$226,042.00	$299,177.60	$279,285.69	$354,615.29	$282,306.22	$359,895.82	$980,157.15	$1,314,567.55
Net Total (Sources of Financing Minus Estimated Costs)	$18,938.11	$(18,411.89)	$54,123.45	$(16,882.15)	$154,349.56	$81,213.96	$120,411.71	$45,082.11	$114,871.18	$37,281.58	$462,694.01	$128,283.61

The College of Nursing has been provided state funding appropriations to support the start-up of this program and offset some of the initial investment associated with launching a new program. Enrollment in the program is specific and not anticipated to impact enrollments in other programs or create any negative impacts on other services, facilities, or the institution as a whole.

Midwifery Library Specific Resources

All resources will be available in person or via online text and journals to students using the USC library portal.

Resource	Associated Course/Courses
Texts	
Coad, J., Pedley, K. & Dunstall, M. (2020). *Anatomy and physiology for midwives.* Sydney, Australia: Elsevier. ISBN: 978-0702066689	NURS 744
Phillippi, J., & Kantrowitz-Gordon, I. (2023). *Varney's Midwifery*. Jones & Bartlett Learning.	NURS 749 NURS 752 NURS 753 NURS 754 NURS 755
Varney, H., & Thompson, J. B. (2016). A history of midwifery in the United States: The midwife said fear not. New York, NY. Springer Publishing Company. ISBN-13: 978-0826125378	NURS 749
Dutton, L. A., Densmore, J. E., & Turner, M. B. (2020). *A pocket guide to clinical midwifery: The efficient midwife*. (2nd Ed.). Burlington, MA: Jones & Bartlett Learning. ISBN: 97812841521814	NURS 752 NURS 754
Posner, G., Black, A., Jones, G. & Dy, J. (2013). Oxorn Foote Human Labor & Birth (6th Ed.). New York, NY: McGraw Hill Medical. ISBN-13: 978-0071740289	NURS 752 NURS 753

Miller, L. A., Miller, D. A., & Cypher, R. L. (2017). *Mosby's pocket guide to fetal monitoring: A multidisciplinary approach* (8th Ed.). St. Louis, MO: Elsevier ISBN-13: 978-0323401579	NURS 752 NURS 753
Tappero, E. P., & Honeywell, M. E. (2019). *Physical assessment of the newborn: A comprehensive approach to the physical examination* (6th Ed.). New York, NY: Springer Publishing. ISBN: 978-0826174437	NURS 753
Doughton, S., (2020). *Becoming a midwife: Masters at work*. New York, NY: Simon & Schuster. ISBN: 978-1-9821-4143-1	NURS 754
American Nurses Association. (2015). Code of Ethics for Nurses with Interpretive Statements. Washington: ANA Publishing.	NURS 755
Anderson, B., Rooks, J.P., & Barroso R. (2016). Best practices in midwifery, 2nd ed.: Using the evidence to implement change. New York, NY: Springer Publishing Company. ISBN: 978-0826131782	NURS 755
Hackley, B. K. &; Kriebs, J. M. (2016). Primary Care of Women: A Guide for Midwives and Women's Health Providers. (2nd Ed.) Jones & Bartlett Learning. ISBN: 1284045978	NURS 762
Carcio, H.A., Secor, R. M. (2019). Advanced Health Assessment of Women: Clinical Skills and Procedures. (4 th Ed.). New York, NY: Springer Publishing Company. ISBN: 978-0-8261-2424-1	NURS 762
Tharpe, N. L., Farley, C. L., & Jordan, R. G. (2021). *Clinical practice guidelines for midwifery & women's health*. Jones & Bartlett Learning.	NURS 762
Journals	
Journal of Midwifery and Women's Health (Impact Factor 2.39)	NURS 744 NURS 749 NURS 752 NURS 753 NURS 754 NURS 755
Midwifery (Impact Factor 2.97)	NURS 744 NURS 749 NURS 752 NURS 753 NURS 754 NURS 755
Obstetrics and Gynecology (Impact Factor 7.62)	NURS 749 NURS 752

	NURS 753
	NURS 754
	NURS 755
Women's Health Issues	NURS 744
(Impact Factor 2.73)	NURS 749
	NURS 752
	NURS 753
	NURS 754
	NURS 755
Other	
ACNM Core Competencies for Basic Midwifery Practice	NURS 749
American College of Nurse-Midwives. (2015). Code of Ethics for Midwives with Explanatory Statements. https://www.midwife.org/acnm/files/ACNMLibraryData/UPLOADFILENAME/000000000293/Code-of-Ethics-w-Explanatory-Statements-June-2015.pdf	NURS 755

Description of Institutional Evaluation and Assessment Process for Change

The University of South Carolina, Columbia has an assessment protocol in place for all programs within academic units. The program assessment process occurs on a 2-year schedule in which programs report their assessment data as means to analyze student performance, evaluate program efficiency, and utilize results to influence program and/or assessment revisions. The program will be assessed through the standard University of South Carolina assessment software system, Assessment Plan Composer, which is used to report results on all program goals and objectives and within, or outside of, specific course assessment will occur. Assessment data will be reviewed each year by the program director, program faculty, and department chair to determine if changes need to be made to individual courses and/or the program.

Contingency Plan Nurse Midwife Master of Science in Nursing Program

Most of the resources for the Nurse Midwife Master of Science Program build of the existing infrastructure that is already in place at the University. Enrollment projections are very conservative based on anticipated demand and our assessment of need within the institution, state, region, and nationally. Therefore, if enrollment numbers decline, we can propose and implement a teach out plan if needed.