

RC 494-Individual Study

Course Description

NDSU Bulletin: Individual student work on research or criticism under the supervision of a professor (1-5 credits)

RC 494 focuses on integration of theory and practice in a specialty area of respiratory care and serves as the capstone experience for RC majors. Common specialty areas include neonatal/pediatrics, adult intensive care, sleep medicine, cardiac/pulmonary diagnostics, pulmonary rehabilitation, home care, education, and management, however, other options may be possible; students are encouraged to discuss additional areas of interest with the course instructor. According to guidelines provided, students will develop a written proposal consisting of at least 160 hours of clinical experience and a research project or case study. Proposals are presented for approval by the RC Curriculum Committee prior to commencing the clinical experience. (Pre-requisite: successful completion of RC 496; 4 credits)

Course Objectives

1. Develop a written individual study specialty proposal according to guidelines provided that includes:
 - a. goals and proficiencies to be obtained as a result of participation in the specialty experience,
 - b. special elective courses that will or have assisted in meeting goals,
 - c. a summary of the clinical experience planned, and
 - d. a summary of the research or case study project to be completed.
2. Apply knowledge, procedural competency and professional behaviors acquired during RC 496 to a specialty practice setting;
3. Complete a minimum of 160 hours of clinical experience in a related specialty area;
4. Complete a research project or case study that includes use of appropriate sources and citations and prepare a manuscript that complies with the author's guidelines for manuscript preparation for the professional journal, *Respiratory Care*;
5. Complete an oral presentation of the student's specialty project to faculty, staff and students.

Instructor Contact

Name:

Office location:

Phone:

Email:

Office Hours:

Course Calendar

Students will meet individually with the instructor to develop their specialty proposal. Upon approval of the student's proposal, clinical hours will be arranged with the clinical site. Clinical hours may be completed at Sanford Hospital, Fargo, or another facility with which NDSU/ Sanford has a signed affiliation agreement. Students' oral presentations of their specialty projects will be on (date) .

Required student resources

There is no required text to purchase for this course. Students will use *Respiratory Care* for guidelines to prepare their project manuscript.

Evaluation

Students are responsible for planning a specialty rotation that will best fulfill their specialty goals to maximize the quality of the learning experience. Grades are based on successful completion of clinical hours (10%), clinical proficiencies achieved (35%), journal (15%) and project (40%). Letter grades will be awarded as follows: 90-100% = A; 80-89% = B; 70-79% = C (minimum grade required to pass RC 494); 60-69% = D; < 60% = F. Attendance according to the clinical schedule is mandatory; absences must be reported in advance to the predetermined clinical preceptor. Arrangements must be made with the preceptor to make-up missed clinical hours.

Special Needs Accommodations

Any students with disabilities or other special needs who need special accommodations are invited to share these concerns or requests with the instructor and contact the Disability Services Office (phone: 701-231-8463) as early in the course as possible.

Academic Responsibility and Conduct

The academic community is operated on the basis of honesty, integrity, and fair play. NDSU Policy 335: Code of Academic Responsibility and Conduct applies to cases in which cheating, plagiarism, or other academic misconduct have occurred in an instructional context. Students found guilty of academic misconduct are subject to penalties, up to and possibly including suspension and/or expulsion. Student academic misconduct records are maintained by the Office of Registration and Records. Informational resources about academic honesty for students and instructional staff members can be found at www.ndsu.edu/academichonesty

Students participating in clinical experiences must uphold the specific policies of their clinical site and the academic and professional standards of the College of Pharmacy, Nursing and Allied Sciences Student Academic and Conduct Policy 3.01: www.ndsu.edu/fileadmin/pharmacy/Policy_Manual_9-26.2011.pdf