



## Bachelor of Science in Clinical Research

The University of North Carolina Wilmington, Onslow Extension Program, in partnership with the North Carolina Community College System, offers a Bachelor of Science in Clinical Research that can be completed entirely in Jacksonville, NC.

Online and face-to-face courses are available and offered in Jacksonville at Coastal Carolina Community College and at the John A. Lejeune Education Center aboard Camp Lejeune. Area residents, military, and military dependents have access to these courses.

### Career Opportunities in Clinical Research

This undergraduate program will prepare health science professionals to participate in the science and business of developing biopharmaceutical products from discovery to market and human utilization. This four year undergraduate program includes a didactic curriculum and a mentored experience or internship in clinical research during the senior year. The Basic Studies, Collaterals, Electives (64 hours), and Core Curriculum (61 hours) are designed to provide essential knowledge and skills to promote competency for professional practice. All CLR courses are online or web enhanced.

### UNCW Application Information

- Prospective students must meet criteria for admission to UNCW and must apply through the normal application process. View the admissions website [www.uncw.edu/admissions](http://www.uncw.edu/admissions) for details.
- Students may transfer a maximum of 64 semester hour credits from two-year institutions or a maximum of 93 semester credit hours from four-year institutions.
- Students admitted to UNCW Extension degree programs, as extension transfer students, must have completed a minimum of 24 college credits (from any college in the North Carolina Community College System or other accredited institutions).
- Application deadline is **March 1** for summer and fall classes and **November 1** for spring classes.

### UNCW School of Nursing Clinical Research Application Information

- You may obtain an application at [www.uncw.edu/son/](http://www.uncw.edu/son/)
- In addition to admission to UNCW, the Clinical Research Program admissions requirements include:
  - A minimum GPA of 2.5 calculated over all college course work.
  - A minimum of a C (2.0) or better in all science courses.
- Admission to the Clinical Research Program occurs once per year. Application deadline is **March 1** for fall classes. All Basic Studies, including all Collateral Courses, (64 credits), must be completed or in progress at the time of application.
- Academic Advisor: Dr. Kris Walters 910.962.3640 [waltersk@uncw.edu](mailto:waltersk@uncw.edu)
- For more information about the Bachelor of Science in Clinical Research program visit [www.uncw.edu/son/academic-bscr.htm](http://www.uncw.edu/son/academic-bscr.htm) or call the School of Nursing Clinical Research Program at (910) 962-3802.

Contact UNCW Extension Program at:  
Coastal Carolina Community College 910.455.2310  
Camp Lejeune 910.451.5266  
New River 910.449.4440

Visit us on the web at: [www.uncw.edu/extension](http://www.uncw.edu/extension)

This program sheet is a guide and does not serve as an official tracking sheet. Degree requirements are subject to change in accordance with the UNCW undergraduate/graduate catalogue located at [www.uncw.edu/catalogue](http://www.uncw.edu/catalogue).

# Clinical Research

## Basic Studies (22 Credits)

| UNCW Course  | Title  | Credit | NCCC Equivalent   | Comments |
|--|--|--------|---|----------|
| ENG 101  | College Writing & Reading I                      | 3      | ENG 111   |          |
| ENG 201  | College Writing & Reading II ( <b>choose 1</b> ) | 3      | ENG 112,113,114   |          |
| PED 101  | Foundations of Physical Activity                 | 2      | PED 110   |          |
| History: <i>student choice (choose 1)</i>            |  | 3      | HIS,121,122,115,131,132   |          |
| Foreign Language: <i>student choice (choose 1)</i>   |  | 3      | SPA 111,112,211,212<br>FRE 111, 112,211,212   |          |
| English Literature: <i>student choice (choose 1)</i> |  | 3      | ENG 231, 232, 241, 242,<br>261, 262   |          |
| Fine Arts: <i>student choice (choose 1)</i>          |  | 3      | Art 114, or 115; or DRA<br>111 or 122; or MUS 111,<br>121, 141, 142, 231, 232,<br>237, 238, 241, or 242 |          |
| <b>Electives: Student Choice</b>                     |  | 2      |   |          |

## Pre-requisite/Collateral Requirements (42 credits)

| UNCW Course | Title                             | Credit | NCCC Equivalent      | Comments |
|-------------|-----------------------------------|--------|----------------------|----------|
| CSC 110     | Fluency in Information Technology | 3      | CIS110               |          |
| MAT 111     | College Algebra                   | 3      | MAT 161/161A         |          |
| CHM/L 101   | General Chemistry I               | 4      | CHM 151 and CHM 151L |          |
| CHM/L 102   | General Chemistry II              | 4      | CHM 152 and CHM 152L |          |
| BIO 201     | Principles of Biology; Cells      | 4      | BIO 111              |          |
| BIO 240     | Human Anatomy and Physiology I    | 4      | BIO 168              |          |
| BIO 241     | Human Anatomy and Physiology II   | 4      | BIO 169              |          |
| BIO 246     | Microbiology of Human Disease     | 4      | BIO 275              |          |
| PSY 105     | General Psychology                | 3      | PSY 150              |          |
| PSY 223     | Lifespan Human Development        | 3      | PSY 241              |          |
| SOC 105     | Introduction to Sociology         | 3      | SOC 210              |          |
| STT 210     | Introduction to Statistics        | 3      | MAT 151              |          |

A minimum of 124 hours is required for graduation. Students must take additional elective courses to meet graduation requirements for Bachelor of Science in Clinical Research

## Clinical Research Degree Requirements (61 credits)

All CLR courses are offered only once per year in the semesters listed

| 3 <sup>rd</sup> Year Fall Semester (13 credits) |  |        | 3 <sup>rd</sup> Year Spring Semester (17 credits) |  |        |
|---|--|--------|---|--|--------|
| UNCW Course                                     | Title  | Credit | UNCW Course                                       | Title                                  | Credit |
| SOC 345 or<br>PSY 366                           | Sociology of the Family or<br>Psych of Marriage and Family | 3      | CLR 330   | Fundamentals of Product<br>Development | 3      |
| CLR 301   | Basics of Clinical Research                                | 3      | CLR 305   | Clinical Research Seminar              | 2      |
| CHM 211   | Organic Chemistry  | 3      | CLR 310   | Scientific Writing                     | 3      |
| CHML 211  | Organic Chemistry Lab                                      | 1      | CLR 320   | Science Literature Seminar             | 3      |
| PAR 215   | Bioethics  | 3      | NSG 325   | Intro to Pharmacotherapeutics          | 3      |
|   |  |        | NSG 250   | Intro to Health Assessment             | 3      |
| 4 <sup>th</sup> Year Fall Semester (17 credits) |  |        | 4 <sup>th</sup> Year Spring Semester (14 credits) |  |        |
| CLR 420   | Regulatory Affairs   | 2      | CLR 498   | Senior Internship                      | 12     |
| CLR 430   | Managing/Monitoring Clinical<br>Trials                     | 2      | CLR 460   | Senior Seminar                         | 2      |
| CLR 440   | Pharmacoeconomics  | 3      |   |  |        |
| CLR 450   | Data Management  | 3      |   |  |        |
| CLRL 450  | Data Management Lab  | 1      |   |  |        |
| CLR 410   | Advance Science Writing                                    | 3      |   |  |        |
| MKT 340   | Principles of Marketing                                    | 3      |   |  |        |