

# CAMPBELL UNIVERSITY



## School of Pharmacy

# Clinical Research

1-800-334-4111 ext. 1690 [www.campbell.edu/pharmacy](http://www.campbell.edu/pharmacy)

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The Administrative Assistant

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## The Campbell Program

Clinical research has emerged as a multi-disciplinary enterprise that requires a highly trained team of scientists and clinical investigators serving a variety of functions. The challenge before academic, industrial, and governmental institutions is how to move these new discoveries as quickly as possible into humans without a compromise in safety or quality. The Clinical Research bachelor's level program is ideally suited to prepare students for entry level positions in contract research organizations (CRO's), pharmaceutical and biotech companies, government, academia, or other health care employers.

## The Campbell Approach

The Clinical Research major includes the benefit of a Senior Internship taken during your final semester. Most internships occur in North Carolina's Research Triangle Park area, home to many world-renowned pharmaceutical, biotech, and clinical research companies.

## The Campbell Clinical Research Faculty

Our access to the clinical research faculty at the Campbell RTP site is second to none. Experts in pharmaceutical, biotechnology devices, clinical research organizations, state and federal government agencies, and academic research groups all participate in educating students with actual up-to-date practice situations. Our full time faculty provides a unique communication link with the industry providing students the opportunity to interact with numerous experts and professionals. The faculty members maintain these relationships with our industry partners and work closely with students who have interest in specific areas of study thereby linking students with the appropriate industry personnel for research and educational opportunities.

In addition, our professors have a solid foundation of experience in Clinical Research. Our faculty members frequently are invited to present papers at national and international meetings as well as publish their works in clinical research, pharmacy, and other health care related journals.

## The Campbell Resources

The clinical research program utilizes state-of-the-art technology for videoconferencing courses between the main campus in Buies Creek and the Research Triangle Park (RTP) campus facilities. In addition, many faculty use web-based systems including BlackBoard communication for classes where they post syllabi, lecture notes, class assignments, and provide chat room opportunities for question and answer sessions.

## The Campbell Student

We're looking for students with strong interests in patient research who possess a sound background in the natural sciences. Prior to entering the major, students must have completed 67 semester hours of college credit taken from the core liberal arts curriculum and must include the following courses or their equivalents: General Biology; Anatomy and Physiology; Microbiology and Immunology; Molecular or Cellular Biology; Chemistry I and II, Organic Chemistry I and II, and Algebra or Calculus.

The course work for this major is rigorous and challenging and is accompanied by a significant amount of student autonomy. Strong analytical skills are necessary, along with high personal motivation, perseverance, and dedication.

## The Campbell Advantage

As a result, you'll discover at Campbell:

- A widely respected, award-winning faculty committed to your success and well-being.
- A program personalized to complement your initiative and talents with a significant advantage in gaining acceptance to entry level clinical research positions, graduate and/or professional school such as pharmacy

## Interested?

Call us today and ask for your informational materials about Campbell's:

Academics  
Advantages  
Campus Visits  
Career Services  
Community  
"Creek" Life  
Financial Aid  
International Admissions  
Outcomes  
Residence Life  
Value

Admissions Office  
Campbell University  
1-800-334-4111

International: 01-910-893-1415  
www.campbell.edu

Consider us. Visit us. Call us today.

# Curriculum Outline

## Clinical Research

# CAMPBELL

## UNIVERSITY

### Freshman Year

SEMESTER 1			SEMESTER 2		
		HRS			HRS
GENERAL CHEMISTRY I	CHEM 111	4	GENERAL CHEMISTRY II	CHEM 113	4
BASIC BIOLOGY	BIOL 111	4	CELL & MOLECULAR BIOL	BIOL 201	4
INT TO ART/MUSIC/OR THEA	A/M/T 131	3	ALGEBRA <b>OR</b> CALCULUS	MATH_	3-4
FRESHMAN COMP I	ENGL 101	3	FRESHMAN COMP II	ENGL 102	3
LIFETIME WELLNESS	PE 185	2	INTRO TO CHRISTIANITY	RELG 125	3
CU WORSHIP	CUW 100	0.5	CU WORSHIP	CUW 100	0.5

### Sophomore Year

SEMESTER 3			SEMESTER 4		
		HRS			HRS
ORGANIC CHEMISTRY I	CHEM 227	4	ORGANIC CHEMISTRY II	CHEM 228	4
MICRO AND IMMUNOLOGY	BIOL 334	4	HUMAN ANAT & PHYS	BIOL 221	4
INTER FOREIGN LANG I	LANG 201	3	LIT I (BRIT/AMER/WORLD)	ENGL 20_	3
WESTERN CIVILIZATION I	HIST 111	3	ELECTIVE	UNIV_	3-4
EXERCISE ACTIVITY	CLNR 324	1	WESTERN CIVILIZATION II	HIST 112	3
CU WORSHIP	CUW 200	0.5	CU WORSHIP	CUW 200	0.5

### Junior Year

SEMESTER 5			SEMESTER 6		
		HRS			HRS
GEN BIOCHEMISTRY	PHSC 323/325	4	INTRO TO PHARMACOLOGY	PHSC 328	4
LABORATORY SAFETY	PHSC 210	1	PHYS & CLIN ASSESS	CLNR 479	2
QUANTITATIVE LAB TECH	PHSC 220	1	REGULATORY AFFAIRS	CLNR 530	3
NEW PRODUCT DEV	CLNR 362	1.5	INTERPERSONAL SKILLS	CLNR 442	2
PRIN. OF CLINICAL RES	CLNR 453	1.5	SCIENTIFIC LIT SEMINAR II	PHSC 336	1
EXPER DESIGN & BIostat	PHSC 324	4	MICRO ECONOMICS	ECON 224	3
SCIENTIFIC LIT SEMINAR I	PHSC 334	1	ELECTIVE		

### Senior Year

SEMESTER 7			SEMESTER 8		
		HRS			HRS
MAN/MONIT CLIN TRIALS	CLNR 459	3	SENIOR INTERNSHIP	CLNR 420	14
DATA MANAGEMENT	CLNR 450	2	SENIOR SEMINAR	CLNR 416	1
MEDICAL ETHICS	RELG 348	3			
SOCIAL SCIENCE ELECTIVE	UNIV_	3			
SCIENT & TECH WRITING	PHSC 451	1.5			
LIT II (BRIT/AMER/WORLD)	ENGL 20_	3			