

# CAMPBELL

## UNIVERSITY

BuildYourFuture@Campbell



### COLLEGE OF ARTS AND SCIENCES

## INFORMATION TECHNOLOGY AND SECURITY

1-800-334-4111 • WWW.CAMPBELL.EDU

### THE CAMPBELL PROGRAM

The language of computers is complex and elegant. Our goal in this major is to develop professionals in the area of information technology, security, and networking who can harness the capabilities of the computer and the ever-expanding potential of the Internet.

This is one of Campbell's new majors, re-designed for the competitive international job market and explosive demand for network administrators and homeland security information technology specialists. ITS majors must choose to concentrate in one of two areas: Information Technology Management or Information Security.

### THE CAMPBELL APPROACH

One of our key strengths is class size: your initial courses in this major will have only about 20 students; upper level courses feature just 10 or 12. That produces a lot of interaction and teamwork with your teachers and fellow students.

Our program gives you skills and abilities for professions that cannot be outsourced such as security, networking, and key areas of computer programming. This includes learning about networking (servers, switches, routers, hubs, and ports), security (hacking, data assurance, and forensics), and programming (for Internet and research applications).

Our approach throughout is that you learn by doing.

### THE CAMPBELL FACULTY

Every faculty member teaching ITS courses has at least 15 years teaching experience. That means we understand how difficult it can be to master new material, and we take the time and make the effort to ensure you get the support you need.

You'll meet regularly with your advisor, and you'll find that there's an excellent rapport between all the faculty and students in this major.

In fact, students and teachers often work together in our well-equipped computer labs. There are also tutoring sessions every evening except Friday and Saturday.

### THE CAMPBELL RESOURCES

The computing resources at Campbell University allow students to develop the analytic and critical thinking skills needed to enjoy a career in information technology. All majors complete four semesters of core courses and then branch into one of the concentrations: Information Technology Management or Information Security. In addition, the close geographical proximity to the Raleigh-Durham Research Triangle provides a valuable opportunity for internships and career development.

For more information about the program contact:  
The Administrative Assistant  
1-800-334-4111, ext. 1207  
its@campbell.edu

Our facilities include a networking lab and multiple personal computer labs. The labs are staffed by senior-level students eager to help newer students (a strong academic record may make you eligible to work as an assistant in the lab as you progress).

The Department also sponsors a very active student club, which coordinates beneficial professional programs as well as social activities. It's one more way our majors spend time together and develop friendships that will last long after graduation.

### THE CAMPBELL STUDENT

Most of those who enter this major have been fascinated by computers for some time. They also appreciate the impressive job availability and salary that characterize this field.

Campbell students in this discipline score significantly above the 60th percentile on ACT and SAT entrance examinations and perform exceptionally well in the classroom in a cordial classroom environment.

Campbell graduates readily enter the job market as security specialists, network administrators, IT managers, and software engineers. Recent graduates are working for Walmart Corporate, Wake Medical, and Wake Tech, among others.

About a fourth of our students immediately enter graduate school, including Campbell's own MBA program. Our record with students being accepted at their first choice school is very good.

### The Campbell Advantage

Try to picture the world without computers and you immediately see how essential they've become in our global village. Campbell can help you enter this incredible field through our unique environment highlighted by...

- An experienced faculty that is committed to using small classes to teach you the practical skills you need for success.
- A computer lab with excellent resources that you don't need to stand in line for, as at some large universities.
- A dedication to quality liberal arts education, free enterprise, and our Christian Mission.

## INFORMATION TECHNOLOGY AND SECURITY

### Requirements for a Major in Information Technology and Security

The Information Technology Management candidate must complete the following set of courses: ITS 150, 200, 250, 275, 345, 351, 410, and 465. In addition, these courses must be completed: ITS 235 and three of the following: ITS 245, 280, 360, 365, 420, 430, 450, 470, ECON 201, ACCT 213, BADM 331, and one of the following: BADM 332, 336, and 345.

The Information Security candidate must complete the following set of courses: ITS 150, 200, 250, 275, 345, 351, 410, and 465. In addition, these courses must be completed: ITS 300 and three of the following: ITS 235, 310, 360, 365, 425, 450, 460, 470, CRIM 231, 232, 315 or 360, 420 or 475.

## Curriculum Outline

### Information Technology and Security

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#### Freshman Year

SEMESTER 1			SEMESTER 2		
		HRS			HRS
FUND. OF INFO TECH	ITS 150	3	INTERNET APPLICATIONS	ITS 200	3
ENGLISH COMPOSITION	ENGL 101	3	ENGLISH COMPOSITION	ENGL 102	3
MATH ELECTIVE		3	MATH ELECTIVE		3
SCIENCE ELECTIVE		4	SCIENCE ELECTIVE		4
WESTERN CIVILIZATION I	HIST 111	3	WESTERN CIVILIZATION	HIST 112	3
CU WORSHIP	CUW 100	0.5	CU WORSHIP	CUW 100	0.5
			PHYSICAL EDUCATION	PE 111	1

#### Sophomore Year

SEMESTER 3			SEMESTER 4		
		HRS			HRS
SOPHOMORE ENGLISH		3	SOPHOMORE ENGLISH		3
LIFETIME WELLNESS	PE 185	2	ART, MUSIC OR THEATRE		3
MICRO ECONOMICS	ECO 201	3	ACCOUNTING PRINCIPLES I	ACC 213	3
WINDOWS OPERATING ENVR	ITS 235	3	PROGRAMMING LANGUAGE II	ITS 275	3
PROGRAMMING LANGUAGE I	ITS 250	3	ITS ELECTIVE		3
CU WORSHIP	CUW 200	.5	CU WORSHIP	CUW 200	0.5
ELECTIVE		3	ELECTIVE		3

#### Junior Year

SEMESTER 5			SEMESTER 6		
		HRS			HRS
DATABASE MANAGEMENT	ITS 345	3	SYST ANALYSIS AND DESIGN	ITS 351	3
ITS ELECTIVE		3	ITS ELECTIVE		3
PRIN OF MANAGEMENT	BADM 331	3	BADM 332 OR BADM 345		3
INTRO. TO CHRISTIANITY	RELG 125	3	RELIGION ELECTIVE		3
ELECTIVE		3	ELECTIVE		3

#### Senior Year

SEMESTER 7			SEMESTER 8		
		HRS			HRS
NET. AND TELECOMMUN.	ITS 410	3	SENIOR PRO.	ITS 465	3
FOREIGN LANGUAGE ELECTIVE		3	SOCIAL SCIENCE ELEC		3
SOCIAL SCIENCE ELECTIVE		3	ELECTIVE		3
ELECTIVE		3	ELECTIVE		3
ELECTIVE		3	ELECTIVE		1

### Interested?

Call us today and ask about Campbell's:

- Academics
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- 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](http://www.campbell.edu)

*Consider us. Visit us. Call us today.*

*The major requirements outlined within this brochure are intended as a guideline, and the curriculum outlines are only a sample. The most recent copy of the University's Undergraduate Studies Bulletin is the official source related to curriculum guidelines. It is the student's responsibility to consult with his/her academic advisor.*