B R Y A N T U N I V E R S I T Y

Computer Information Systems

www.bryant.edu/areasofstudy

"As a teacher, I must change my courses constantly to address all the new developments that evolve in this field. It's not just about knowing computers. It's about analyzing business and/or management needs, requirements, and objectives; and implementing information technology applications to improve the operation."

Kenneth Sousa, Ph.D., Associate Professor, Department of Computer Information Systems

COMPUTER INFORMATION SYSTEMS

In today's fast-paced era of mobile commerce and wireless communications, "on-demand" global business requires people who understand both technology and business. Computer Information Systems (CIS) encompasses technical knowledge, business and security needs analysis, global systems implementation, and an understanding of how and when to use technology to advance an organization.

The Bachelor of Science in Business Administration offers a CIS concentration that includes six courses of in-depth study and combines dedicated faculty, small classes, and leading technology to provide you with the latest skills and knowledge in the ever-changing field of information systems. CIS students can specialize in IT management, programming, or Web and IT security.

Because technology is becoming a larger part of most professional careers, Bryant offers a four-course CIS minor to provide technical depth in areas such as digital multimedia and web design for marketing, IT security for management, and advanced spreadsheet analysis for finance and accounting. Knowledge of computer information systems can be useful for all majors.

PRACTICAL EXPERIENCE

Whether it's a research project with a professor or an internship at an organization such as Citizens Bank, Fidelity Investments, or Women and Infants Hospital, you will have hands-on opportunities in the field before graduation. Campus organizations such as the Association for Computing Machinery and many others in a variety of areas give you opportunities to apply classroom theory.

PROFESSIONAL SUCCESS

Students are well prepared both for graduate school and professional success. Recent grads have titles such as application developer, communications specialist, database marketing analyst, programmer analyst, software engineer, senior database developer, applications specialist, and business consultant. A sampling of companies that recruit Bryant interns and graduates include:

- Analog Devices
- EMC
- GTECH
- Hanover
- KPMG
- Mercer
- Perot Systems
- PricewaterhouseCoopers

ACADEMIC EXCELLENCE

The College of Arts and Sciences and the College of Business at Bryant offer a rigorous academic curriculum, and a depth and breadth of study that encourage students to explore new fields and expand their thinking. In fact, the unique integration of business and liberal arts is a hallmark of a Bryant education—business students study liberal arts and liberal arts students study business. This foundation educates the *whole* student and enhances communication skills; leads to a more comprehensive understanding of global, cultural, and ethical issues; and develops critical thinking and decision-making skills.

Bryant's comprehensive curriculum allows you to develop your intellectual passions and define a clear path for success.

DISTINGUISHED FACULTY

Bryant's faculty are accomplished, passionate educators who are dedicated to helping you develop your intellectual potential. They continually enhance their capabilities through research, publishing, consulting, and community service, and bring this knowledge into the classroom. Our full-time tenured and tenure-track faculty come from prestigious academic programs and have demonstrated a deep commitment to your academic growth. Faculty and staff deliver an extraordinary level of personal guidance that has benefited generations of Bryant students.

Learn more at www.bryant.edu/areasofstudy or contact Computer Information Systems Professor Harold Records, Ph.D., department chair, at hrecords@bryant.edu.

Computer Information Systems

Business Core Requirements	Credits	Year
Introduction to Business (BUS101)	3	1
Fundamentals of Computer Information Systems (CIS201)	3	1-2
Financial and Managerial Accounting (ACG203, ACG204)	6	1-2
Financial Management (FIN201)	3	2
Management Principles and Practices (MGT200)	3	2
Foundations of Marketing Management (MKT201)	3	2
The Legal Environment of Business (LGLS211)	3	2
Operations Management (MGT301)	3	3
Business Policy (BUS400)	3	4
Total	**30**	
Liberal Arts Core Requirements		
Liberal Arts Seminar (LCS151)	3	1
Introduction to Literary Studies (LCS121)	3	1
Microeconomic Principles (ECO113)	3	1
Macroeconomic Principles (ECO114)	3	1
Mathematical Reasoning I & II (MATH105, MATH106)	6	1
Statistics I (MATH201)	3	2
Humanities Survey Courses	6	1-2
Total	**27**	
Foundations for Learning (FFL101)	**1**	1
Information Resources Technology (IRT101)	**1**	1
Liberal Arts Distribution Requirements - Modes of Thought		
Social Science Mode of Thought	6	1-4
Historical Mode of Thought (Upper Division)	3	3-4
Literary Mode of Thought (Upper Division)	3	3-4
Scientific Mode of Thought (Include one Lab Science) (One science course must be taken at the 300 or 400 level)	7	1-4
Cultural Mode of Thought	3	1-4
Total	**22***	
*19 net credits – 3 credits from the required liberal arts minor may be applied to this distribution		
Liberal Arts Electives	**3**	1-4
Liberal Arts Minor Requirement		
Selection is made from a variety of liberal arts disciplines (Some minors require more than 12 credits)	12	1-4
Computer Information Systems Concentration		
Using Technology for Effective Management (CIS305)	3	3
Database Management Systems Principles (CIS341)	3	3
Systems Analysis & Design (CIS441)	3	4
Computer Information Systems Electives (must include one 400-level elective) [Two (2) Computer Information Systems electives may be taken in I.T.]	9	3-4
Total	**18**	
Open Electives	**12**	1-4
Total Degree Requirements	**123 Credits**	