

The College of Business Administration

Roger D. Weikle, Dean

Steven Frankforter, Assistant Dean for Administration

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Undergraduate Degree Programs and Requirements

Four undergraduate programs are offered by the College of Business Administration: the Bachelor of Science in Business Administration, the Bachelor of Science in Computer Science, the Bachelor of Arts in Economics, and the Bachelor of Science in Information Design. The baccalaureate degree program in Business Administration is accredited by AACSB International--The Association to Advance Collegiate Schools of Business and the baccalaureate degree in Computer Science is accredited by ABET (111 Market Place, Suite 1050, Baltimore, MD 21202-4012; telephone: 410-347-7700).

Our mission is to prepare students in a learning-centered environment, through effective teaching, scholarship, and service, with the professional and leadership skills necessary for positions in the global marketplace, while fostering life-long learning and service to the external community.

Twelve areas of concentration, called options, are available within the Bachelor of Science in Business Administration degree program. These options are accounting, computer information systems, economics, entrepreneurship, finance, general business, health care management, human resource management, international business, marketing, management, and sustainable business. Two of these options, accounting and general business, can be earned through our evening program. The accounting option offers an integrated undergraduate/graduate curriculum that allows for optimum efficiency in continuing into a graduate program with an accounting emphasis.

The Business degree program prepares undergraduates for careers in the business world by offering an academically challenging program that produces a new kind of leader for business, industry, government, the arts, and health services. This new leader leaves the program with the skills needed to function as a professional in the complex organizations of the 21st century. The requirements for the Bachelor of Science in Business Administration integrate the business core. The foundation for the program is a four-course sequence emphasizing a cross functional approach to business issues and perspectives. These courses, BADM 180, ACCT 280, MKTG 380 and MGMT 480 are augmented by liberal arts studies taught across diverse disciplines, fundamental business courses, and more advanced courses in the business option. Along with an integrated curriculum, the faculty and business leaders have developed a comprehensive list of competencies that students must attain before graduation from this program. The competency categories for the business degree are communication, teamwork/diversity, adaptability, problem solving and accountability and ethics. The computer science degree categories are technical, social, environment and interpersonal development. Most business courses also emphasize team projects in addition to individual assignments. Co-op and internship experiences are integrated into some options and encouraged in others.

The College of Business Administration is dedicated to offering quality classroom instruction and to enhancing personal development through interaction between faculty and students. A faculty open-door policy facilitates this approach. Quality classroom instruction is provided by a faculty who meet the high standards of scholarship required for AACSB and ABET accreditation.

A number of scholarships are awarded annually to College of Business Administration students. Eligibility is determined on the basis of outstanding academic performance.

For those students working toward a degree outside of the College of Business Administration, minors in the areas of accounting, business administration, computer science, economics, entrepreneurship, health care management, human resource management, marketing and professional business are offered. For specific requirements for individual minors, see page 138.

Academic Advising

Academic advising is an integral part of the learning process in the College of Business Administration. The role of the academic adviser is to assist in making appropriate decisions about academic programs and career goals, provide academic information about Winthrop University and degree programs, and suggest appropriate involvement in on-campus, off-campus and experiential opportunities. Freshmen are assigned a faculty adviser after summer orientation and keep the same adviser during the freshman year. Not only will advisers help with program selections and scheduling, but will also be available to assist with the adjustment to university life throughout the first year. At the end of the freshman year, an option in the College of Business will be chosen and an adviser will be assigned from that area. Students who transfer after their freshman year are assigned an adviser in the academic option of their choice.

Transfer evaluations are completed by the Office of Student Services. The subject matter and the level of the course are considered for evaluation. Upper-level courses in the core and option, which have been completed prior to achieving junior status, may be used to meet elective requirements, but must be replaced in the core or option by approved advanced courses (if not transferred from an AACSB accredited institution). Upper-level business and computer science courses may not transfer from two-year institutions. In addition to the requirement that the final 31 hours be completed at Winthrop, only 50% of the business core and option may transfer toward a business administration degree. CSCI majors must complete 20 hours of CSCI courses numbered above 299 and an additional 9 which may be taken at Winthrop University or any schools with programs in Computer Science accredited by (ABET).

The College of Business Administration's Director of Student Services is:

Gay Randolph, Office of Student Services
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Faculty**Professors**

Charles E. Alvis
 Robert H. Breakfield
 Qidong Cao
 Clarence Coleman
 Steven Frankforter
 Barbara K Fuller
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 Richard L. Morris
 Louis J. Pantuosco
 D. Keith Robbins, *Chair*
Management & Marketing
 Marilyn Smith
 Martha C. Spears
 Gary L. Stone
 Jane B. Thomas
 Roger D. Weikle, *Dean*

Visiting Professor, Executive in Residence

James Olson

Executive Professor

Michael D. Evans

Associate Professors

Keith Benson
 Stephen Dannelly, *Chair*
Computer Science & Quantitative Methods
 Kent E. Foster
 Chlotia Garrison
 Harold Manasa
 Michael Matthews
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 Hemant Patwardhan
 Cara Peters
 Barbara Pierce, *Chair*
Accounting, Finance & Economics
 Emma Jane Riddle
 Robert Stonebraker
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Assistant Professors

Page Bowden
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 Melissa Carsten
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 James Hammond
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 Malayka Klimchak
 Willis Lewis
 Jayne Maas
 S. Gay Randolph
 James Schultz
 Vaibhav Sharma
 Vikram Sharma
 Brooke Stanley
 Laura Ullrich

Bachelor of Science in Business Administration

Students enrolled in the Bachelor of Science in Business Administration program or enrolled in business classes may not enroll in courses numbered above 299 unless they have at least a 2.0 grade-point average, completed 54 hours, and a grade of C- or better in HMXP 102.

Transfer students must complete HMXP 102 prior to taking upper-level courses in the College of Business Administration. Students who transfer in 54 or more semester hours must complete this course within their first semester. If, during this time, such students do not earn a C- or better in HMXP 102, they will not be permitted to take additional courses above 299 until this general education requirement is met.

Within the 124 hours required for this degree, the student must include 48 hours in courses numbered above 299. In addition, students enrolled in the Bachelor of Science in Business Administration programs may not enroll in courses in the College of Business numbered above 299 unless they have taken and passed ACCT 280, ECON 215, MATH 105, and QMTH 205 within their first 60 semester hours. Transfer students who need to take any of these courses and who meet the other requirements will be permitted to take courses above 299 in these areas during their first two semesters at Winthrop. If, by the end of the second semester, such students have not taken and passed all four of the required courses, they will not be permitted to take additional courses above 299 until those four courses are passed. Students not enrolled in the Bachelor of Science in Business Administration, but taking courses within the College of Business, must only have the specific prerequisites of the courses taken.

Bachelor of Science in Business Administration

General Education Courses		Semester Hours
ACAD 101	Principles of the Learning Academy	1
Critical Skills		
Writing and Critical Thinking		
WRIT 101, CRTW 201	Composition; Crit Reading, Thinking, & Writing	6
Quantitative Skills		
MATH 105 or MATH 201	Calc for Managerial and Life Sci or Calculus I	3
Technology		
CSCI 101 and CSCI 101B and 2 of CSCI 101A, C, F, I or P	Comp & Info Processing; Microsoft Excell & Access Frontpage, Powerpoint; Programming	3
Oral Communication	Met in major with WRIT 465	0
Logic/Language/Semiotics		
QMTH 205, 206	Applied Statistics I & II	6
Skills for Common Experience and Thinking Across Disciplines		
HMXP 102 (C- or better required)	The Human Experience: Who Am I?	3
Global Perspectives	See approved list, p. 16	3
Historical Perspectives	See approved list, p. 16	3
Developing Critical Skills and Applying them to Disciplines		
Social Science		
ECON 215, ECON 216, and one from PSYC 101, SOCL 101 or 201	Microeconomics, Macroeconomics General Psychology, Social Problems, Prin of Sociology	6 3
Humanities and Arts	See approved list, p. 16; must include 2 designators	6
Natural Science	See approved list, p. 16; must include a lab science; must come from 2 different science categories	7
Intensive Writing	Met in major with WRIT 465	0
Constitution Requirement	See approved list, p. 16	0-3
Subtotal		50-55
Business Administration Program Requirements		36
Business Requirements		
ACCT 280	Accounting Info for Business Decisions I	3
ACCT 281	Accounting Info for Business Decisions II	3
WRIT 465	Preparation of Oral and Written Reports	3
Core Courses (C- or better required for each course)		
BADM 180	Contemporary Business Issues	3
MGMT 321	Principles of Management	3
MKTG 380	Principles of Marketing	3
MGMT 355	Business Communication - Oral Intensive	3
MGMT 326	Sustainable Operations	3
MGMT 341	Information Systems	3
FINC 311	Principles of Finance	3
BADM 350	Econ and Legal Environment of Organization	3
MGMT 480	Business Policy	3
Business Option Requirement; choose one of the following: (C- or better required for each course)		18-27
Accounting, page 64		
Computer Informations Systems, page 64		
Economics, page 64		
Entrepreneurship, page 64		
Finance, page 65		
General Business, page 65		
Health Care Management, page 66		
Human Resource Mangement, page 66		
International Business,page 66		
Management, page 66 (If MGMT 529 is used to meet the Global Requirement, student may take free electives to satisfy graduation requirements.)		
Marketing, page 67		
Sustainable Business, page 67		
Electives (Number varies depending on hours required for option.)		6-20
Total		124

See pages 16-18 for additional degree requirements.

Bachelor of Science in Business Administration - Accounting Option

General Education, see page 63		50-55
Business Requirements and Core, see page 63		36
Accounting Option		21
ACCT 303	Accounting Information Systems	3
ACCT 305	Intermediate Accounting I	3
ACCT 306	Intermediate Accounting II	3
ACCT 309	Cost Accounting	3
ACCT 401	Introduction to Tax	3
ACCT 509	Auditing Principles & Procedures	3
One of:		
ACCT 502	Corporate Tax	3
ACCT 505	Intermediate Accounting III	3
ACCT 506	Not for Profit Accounting	3
ACCT 491	Accounting Internship	3
One course from PHIL 230, 575 or MGMT 575		3
Electives		12-17
Total		124

Bachelor of Science in Business Administration - Computer Information Systems Option

General Education, see page 63		50-55
Business Requirements and Core, see page 63		36
Computer Information Systems Option		27
CSCI 207 & 208	Intro to Computer Sci I & II	8
CSCI 291 or 293 or 295 or 392	Cobol, C#, Visual Basic, Java	1
CSCI 325	File Structures	3
CSCI 355	Database Processing	3
CSCI 475	Software Engineering I	3
CSCI 476	Software Engineering II	3
MATH 261	Found of Discrete Mathematics	3
One of:		
ACCT 303	Accounting Information Systems	3
ACCT 309	Cost Accounting	3
CSCI above 299		3
Electives		6-11
Total		124

Bachelor of Science in Business Administration - Economics Option

General Education, see page 63		50-55
Business Requirements and Core, see page 63		36
Economics Option		18
ECON 315	Microeconomic Theory	3
ECON 316	Macroeconomic Theory	3
ECON 335	Money and Banking	3
Three of any ECON above 299		9
Electives		15-20
Total		124

Bachelor of Science in Business Administration - Entrepreneurship Option

General Education, see page 63		50-55
Business Requirements and Core, see page 63		36
Entrepreneurship Option		18
ENTR 373	Intro to Entrepreneurship	3
ENTR 374	Strategic Entrepreneurial Growth	3
ENTR 473	Entrepreneurial Finance	3
ENTR 579	Business Plan Development	3

Two of:		
BADM 561	Electronic Commerce for Managers	3
MGMT 322	Introduction to Talent Management	3
MKTG 382	Retailing	3
MKTG 481	Promotion Management	3
MKTG 482	Marketing Research	3
MKTG 491	Internship in Marketing	3
MKTG 581	Marketing for Global Competitiveness	3
Electives		15-20
Total		124

Bachelor of Science in Business Administration - Finance Option

General Education, see page 63		50-55
Business Requirements and Core, see page 63		36
Take one of two tracks:		
Finance Option--Corporate Finance Track		18
FINC 312	Intermediate Corporate Financial Management	3
FINC 498	Adv Corp Financial Mgmt	3
FINC 514	Intern'l Financial Management	3
Two of:		
FINC 491	Internship in Finance	3
FINC 512	Investments	3
FINC 513	Banking and Financial Service Management	3
One of:		
ACCT 305	Intermediate Accounting I	3
ECON 335	Money and Banking	3
Electives		15-20
Total		124

Finance Option--Financial Planning Track		
ACCT 401	Introduction to Tax	3
BADM 501	Estate Planning	3
FINC 315	Principles of Financial Planning	3
FINC 512	Investments	3
FINC 515	Insurance and Risk Management	3
FINC 516	Employee Benefits and Retirement Planning	3
Electives		15-20
Total		124

Note: Anyone completing any combination of 15 hours of FINC from the above lists plus 3 hours of ACCT, BADM or ECON from the above lists would qualify for the Finance option, general track.

Bachelor of Science in Business Administration - General Business Option

General Education, see page 63		50-55
Business Requirements and Core, see page 63		36
General Business Option		18
MGMT 475	Leadership Theory and Development	3
Choose 6 hours numbered above 299 and 9 hours numbered above 399 from advanced courses in ACCT, BADM, CSCI, ECON, ENTR, FINC, HCMT, MGMT, MKTG. A maximum of 9 hours may be taken from a single designator. Internship course credit must not exceed 3 hours.		15
Electives		15-20
Total		124

Bachelor of Science in Business Administration - Health Care Management Option

General Education, see page 63		50-55
Business Requirements and Core, see page 63		36
Health Care Management Option		21
HCMT 200	Intro to Health Care Mgmt	3
HCMT 300	The Health Care Manager	3
HCMT 302	Health Care Planning & Marketing	3
HCMT 303	Health Care Organizations & the Legal Environ	3
HCMT 491	Health Care Management Internship	3
HCMT 492	Econ & Health Care Finance	3
HCMT 493	Seminar in Health Care Management	3
Required internship to be taken summer between Jr & Sr year.		
Electives		12-17
Total		124

Bachelor of Science in Business Administration - Human Resource Management Option

General Education, see page 63		50-55
Business Requirements and Core, see page 63		36
Human Resource Management Option		18
MGMT 322	Introduction to Talent Management	3
MGMT 323	Acquiring Talent	3
MGMT 325	Organizational Theory and Behavior	3
MGMT 522	Growing and Developing Talent	3
MGMT 524	Employment Law	3
MGMT 526	Talent Management Seminar	3
Electives		15-20
Total		124

Bachelor of Science in Business Administration - International Business Option

General Education, see page 63		50-55
Business Requirements and Core, see page 63		36
International Business Option		18
ECON 521	International Trade & Investment	3
FINC 514	International Financial Management	3
MGMT 529	International Management	3
MKTG 581	Marketing for Global Competitiveness	3
One of:		
BADM 492	Internship in International Business	3
BADM 400	International Field Experience	
BADM 401	Business and Study Abroad	
Choose 3 hours from ANTH 301, 321, 323, 325, 351; FREN 301; GEOG 303, 304, 306; GERM 300, 301; HIST 345, 351, 547, 548, 551, 552, 553, 561; MCOM 302; PLSC 335, 336, 338, 345, 532; RELG 300; SPAN 301, 302		
Electives		15-20
Total		124

Note: Students whose first language is English are required to have 6 hrs. of one Foreign Language. If MGMT 529 or MKTG 581 is used to meet Global Requirement, student may take free electives to satisfy graduation requirements.

Bachelor of Science in Business Administration - Management Option

General Education, see page 63		50-55
Business Requirements and Core, see page 63		36
Management Option		18
MGMT 322	Introduction to Talent Management	3
MGMT 325	Organ Theory & Behavior	3
MGMT 475	Leadership Theory and Development	3
MGMT 575 or PHIL 575	Business Ethics	3
Two of:		
ENTR 373	Introduction to Entrepreneurship	3
BADM 561	Electronic Commerce	3

COLLEGE OF BUSINESS ADMINISTRATION--MARKETING/SUSTAINABLE BUSINESS

MGMT 491	Internship in Management	3
MGMT 529	International Management	3
Electives		15-20
Total		124

Bachelor of Science in Business Administration - Marketing Option

General Education, see page 63		50-55
Business Requirements and Core, see page 63		36
Marketing Option		18
MKTG 381	Consumer Behavior	3
MKTG 481	Promotion Management	3
MKTG 482	Marketing Research	3
MKTG 489	Marketing Strategy	3
Two of:		
BADM 561	Electronic Commerce for Managers	3
MKTG 382	Retailing	3
MKTG 483	Sales and Relationship Marketing	3
MKTG 491	Internship in Marketing	3
MKTG 581	Marketing for Global Competitiveness	3
Electives		15-20
Total		124

Bachelor of Science in Business Administration - Sustainable Business Option

General Education, see page 63		50-55
Business Requirements and Core, see page 63		36
Sustainable Business Option		18
SUBU 330	Sustainable Business Practices	3
SUBU 430	Seminar in Sustainable Business	3
ECON 343	Environmental Economics	3
One of:		
ENTR 373	Introduction to Entrepreneurship	3
MGMT 475	Leadership Theory and Development	3
MGMT 529	International Management	3
MGMT 575	Business Ethics	3
One of:		
BIOL 106, CHEM 101, ENVS 101, SUST 102, PHYS 105, GEOL 225		3
One of:		
BIOL 323, GEOG 302, 305, 500, 501, HIST 530, PHIL 565, PLSC 325, PSYC 311, SOCL 310, SUST 300		3
Electives		15-20
Total		124

COLLEGE OF BUSINESS ADMINISTRATION--COMPUTER SCIENCE
Bachelor of Science in Computer Science

The Bachelor of Science in Computer Science is accredited by the Computing Accreditation Commission of ABET (www.abet.org).

The goal of the Bachelor of Science in Computer Science is to prepare students for careers in software design and implementation and for graduate study in Computer Science. The students in this program are provided with a background that allows them to progress toward leadership roles.

The goal is implemented by a curriculum that carefully blends theory and applications. After completing a two semester introductory sequence in computer science, the student takes a series of courses that provide a strong background in the basic mathematical tools of calculus, logic, discrete mathematics, and probability and statistics and that provide a good background in the natural and social sciences and the humanities.

Transfer students bringing in upper level Computer Sciences courses may transfer those courses from any school with programs in Computer Science accredited by the Computer Accrediting Commission (CAC) of the Accreditation Board for Engineering and Technology (ABET).

General Education Courses		Semester Hours
ACAD 101	Principles of the Learning Academy	1
Critical Skills		
Writing and Critical Thinking		
WRIT 101, CRTW 201	Composition; Critical Reading, Thinking & Writing	6
Quantitative Skills		
MATH 201	Calculus I	4
Technology	Met in major with CSCI 207 and 327	0
Oral Communication	Met in major with CSCI 327	0
Logic/Language/Semiotics	3 hours met in major CSCI 208	0
QMTM 205	Applied Statistics I	3
Skills for Common Experience and Thinking Across Disciplines		
HMXP 102 (C- or better required)	The Human Experience: Who Am I?	3
Global Perspectives	See approved list, p. 16	3
Historical Perspectives	See approved list, p. 16	3
Developing Critical Skills and Applying them to Disciplines		
Social Science	See approved list, p. 16; must have at least 2 designators	6-9*
Humanities and Arts	See approved list, p. 16; must have at least 2 designators	6-9*
*Must have 15 hours within these two areas		
Natural Science		
PHYS 211/212 or CHEM 105, 106/108		8
Choose from the current catalog as follows:		4
BIOL 203/204 or GEOL in the geology minor that is approved as a Natural Science course.		
Intensive Writing	met in major with CSCI 327	0
Constitutional Requirement	See approved list, p. 17; may be met by other requirement	0-3
Subtotal		50-53
Additional Math and Science Requirements		
MAED 200	Introduction to Mathematica	1
MATH 202	Calculus II	4
MATH 261	Foundations of Discrete Mathematics	3
A MATH course over 299		3
Computer Science Program Requirements		
CSCI 207	Introduction to Computer Science I	4
CSCI 208	Introduction to Computer Science II	4
CSCI 211	Intro to Assembly Language and Comp Architecture	3
CSCI 271	Algorithm Analysis and Data Structures	3
CSCI 311	Computer Architecture and Organization	3
CSCI 327	Social Implications of Computing	3
CSCI 371	Theoretical Foundations	3
CSCI 411	Operating Systems	3
CSCI 431	Organization of Programming Languages	3
CSCI 475	Software Engineering I	3
CSCI 476	Software Engineering II	3
CSCI courses numbered above 299 (excluding CSCI 514, max 3 hrs from combination of 471 and 491)		9
Choose two different courses from: CSCI 291, 292, 293, 295, 297, 392, 395 or 398		2

Students are required to complete the CSCI culminating assessment exam in the semester in which they graduate. This assessment exam is administered by the Computer Science & Quantitative Methods Department Chair.

Second Discipline (may count courses in other areas)	0-24
Choose one of the following or a minor (other than CSCI): <i>Information Systems:</i> ACCT 280-281, 303 or 309; MGMT 321, and one of FINC 311, MKTG 380 <i>Physics and Mathematics:</i> PHYS 301, and one of PHYS 315, 321, or 350; MATH 301 and 305	
Electives	0-17
Total	124

A cumulative 2.0 GPA or better is required on courses in the Computer Science Program Requirements.
See pages 16-18 for additional degree requirements.

Bachelor of Arts in Economics

Economics provides students with an analytical training that is a valuable asset in any career. Many graduates enter the workforce directly and find employment in such diverse areas as banking and finance, management, government service, labor relations, policy research, sports management, consulting, journalism, and marketing. Other students use economics as a foundation for graduate programs in law, business, economics, and policy studies.

General Education Courses		Semester Hours
ACAD 101	Principles of the Learning Academy	1
Critical Skills		
Writing and Critical Thinking		
WRIT 101, CRTW 201	Composition; Crit Reading, Thinking, & Writing	6
Quantitative Skills		
MATH 105 or MATH 201	Calc for Managerial and Life Sci or Calculus I	3-4
Technology		
CSCI 101and CSCI 101B and 101C and either CSCI 101A or 101P	Comp & Info Processing; Microsoft Excell & Access Frontpage, Powerpoint; Programming	3
Oral Communication		
WRIT 465	Preparation of Oral & Written Reports	3
Logic/Language/Semiotics		
QMTM 205, 206	Applied Statistics I & II	6
Skills for Common Experience and Thinking Across Disciplines		
HMXP 102 (C- or better required)	The Human Experience: Who Am I?	3
Global Perspectives	See approved list, p. 16	3
Historical Perspectives	See approved list, p. 16	3
Developing Critical Skills and Applying them to Disciplines		
Social Science	6 hours met in major with ECON 215 and 216	0
Choose from approved list of courses, p. 16; may not use ECON designator		3
Humanities and Arts	See approved list, p. 16; must include 2 designators	6
Natural Science	See approved list, p. 16; must include a lab science; must come from 2 different science categories	7
Intensive Writing	Met with WRIT 465	0
Constitution Requirement	See approved list, p. 16	0-3
Subtotal		47-51
Economics Courses		30
ECON 215	Prin of Microeconomics	3
ECON 216	Prin of Macroeconomics	3
ECON 315	Microeconomic Analysis	3
ECON 316	Macroeconomic Analysis	3
Six courses from ECON above 299		18
Minor		15-24
Electives		16-35
Total		124

See pages 16-18 for additional degree requirements.

Students majoring in Digital Information Design have three concentrations to choose from: Digital Commerce Digital Mass Media , and Interactive Media. To enroll in the Digital Commerce or Interactive Media concentration, a student must earn a grade of C- or better in HMXP 102. To enroll in the Digital Mass Media concentration, a student must earn a grade of B- or better in HMXP 102.

Bachelor of Science in Digital Information Design with a concentration in Digital Commerce

General Education Courses		Semester Hours
ACAD 101	Principles of the Learning Academy	1
Critical Skills		
Writing and Critical Thinking		
WRIT 101, CRTW 201	Composition; Crit Reading, Thinking, & Writing	6
Quantitative Skills		
MATH 151, or a MATH course that includes Calculus or has Calculus as a prerequisite		3
Technology	Met in major with CSIC 101 and labs	0
Oral Communication		
WRIT 465	Preparation of Oral & Written Reports	3
Logic/Language/Semiotics	Met in major with VCOM 262 and DIFD 141	0
Skills for Common Experience and Thinking Across Disciplines		
HMXP 102	The Human Experience: Who Am I?	3
Global Perspectives		
ANTH 201	Introduction to Cultural Anthropology	3
Historical Perspectives	See approved list, p. 16	3
Developing Critical Skills and Applying them to Disciplines		
Social Science		
ECON 215, PSYC 101	Microeconomics, General Psychology	6
	See approved list, p. 16	0-3
Humanities and Arts	See approved list, p. 16; must include 2 designators	6-9
Natural Science	See approved list, p. 16; must include a lab science; must come from 2 different science categories	7
Intensive Writing	Met with WRIT 465	0
Constitution Requirement	See approved list, p. 16	0-3
Subtotal		44-47
Information Design Core		27-27.5
CSCI 101 & 101 A, F & P or CSCI 151 and CSCI 101F	Intro to Comp & Info Proc; Windows, Photoshop, C++ Overview of Computer Science; Photoshop	3-3.5
DIFD 141	Introduction to Web Application Design	4
DIFD 151	Introduction to Information Design	1
VCOM 262	Introduction to Web Design	3
DIFD 211	Communication Theory and the Internet	3
DIFD 351	Information Design Seminar: Special Topics	1
DIFD 321	Information Systems and Organizations	3
DIFD 322	Visual Design of Complex Systems	3
DIFD 415	Law and Ethics for Digital Media	3
DIFD 451	Senior Synthesis	3
Digital Commerce Concentration		34
CSCI 101 B & C	Microsoft Excel & Access	1
ACCT 280	Accounting Info for Bus Decisions I	3
QMTM 205 & 206	Applied Statistics I and II	6
MKTG 380	Principles of Marketing	3
MKTG 482	Marketing Research	3
MGMT 341	Information Systems	3
BADM 561	Electronic Commerce for Managers	3
MCOM 260	Writing for Interactive Media	3
MCOM 341	Advertising Principles	3
Choose 2 courses from the following: MKTG 381, 382, 481, 581		6
Electives		14.5-19
Total		124

See pages 16-18 for additional degree requirements.

COLLEGE OF BUSINESS ADMINISTRATION--DIGITAL INFORMATION DESIGN-DIGITAL MASS MEDIA
Bachelor of Science in Digital Information Design with a concentration in Digital Mass Media

General Education Courses		Semester Hours
ACAD 101	Principles of the Learning Academy	1
Critical Skills		
Writing and Critical Thinking		
WRIT 101, CRTW 201	Composition; Crit Reading, Thinking, & Writing	6
Quantitative Skills		
MATH 150 (recommended) or 151, or a MATH course that includes Calculus or has Calc as a prereq		3
Technology		
	Met in major with CSCI 101 and labs	0
Oral Communication		
SPCH 201	Public Speaking	3
Logic/Language/Semiotics		
	Met in major with VCOM 262 and DIFD 141	0
Skills for Common Experience and Thinking Across Disciplines		
HMXP 102	The Human Experience: Who Am I?	3
Global Perspectives		
	See approved list, p. 16	3
Historical Perspectives		
HIST 212	US History since 1877	3
Developing Critical Skills and Applying them to Disciplines		
Social Science		
ECON 215, PSYC 101	Microeconomics, General Psychology	6
PLSC 202	State and Local Government	3
Humanities and Arts		
	See approved list, p. 16; must include 2 designators	6
Natural Science		
	See approved list, p. 16; must include a lab science; must come from 2 different science categories	7
Intensive Writing		
	Met in major with MCOM 441	0
Constitution Requirement		
	See approved list, p. 16	3
Subtotal		47
Information Design Core		27-27.5
CSCI 101 & 101 A, F & P	Intro to Comp & Info Proc; Windows, Photoshop, C++	3
Or CSCI 151 & CSCI 101F	Overview of Computer Science; Photoshop	3.5
DIFD 141	Introduction to Web Application Design	4
DIFD 151	Introduction to Information Design	1
VCOM 262	Introduction to Web Design	3
DIFD 211	Communication Theory and the Internet	3
DIFD 351	Information Design Seminar: Special Topics	1
DIFD 321	Information Systems and Organizations	3
DIFD 322	Visual Design of Complex Systems	3
DIFD 415	Law and Ethics for Digital Media	3
DIFD 451	Senior Synthesis	3
Digital Mass Media Concentration		30-31
MCOM 241*	Media Writing	3
MCOM 260	Writing for Interactive Media	3
MCOM 341	Advertising Principles	3
MCOM 346	Television Production	3
MCOM 441	Reporting Public Affairs	3
VCOM 261	Electronic Image Making	3
VCOM 363	Multimedia Design I	3
QMTM 205	Applied Statistics	3
Choose 2 courses from the following (Internship optional)		6-7
MCOM 333, 345, 349, 471, 491, 492, 493		
Electives		17.5-20
Total		124

*Requires B- or higher in WRIT 101 and HMXP 102

See pages 16-18 for additional degree requirements.

COLLEGE OF BUSINESS ADMINISTRATION--DIGITAL INFORMATION DESIGN-INTERACTIVE MEDIA
Bachelor of Science in Digital Information Design with a concentration in Interactive Media

General Education Courses		Semester Hours
ACAD 101	Principles of the Learning Academy	1
Critical Skills		
Writing and Critical Thinking		
WRIT 101, CRTW 201	Composition; Crit Reading, Thinking, & Writing	6
Quantitative Skills		
MATH 150 (recommended) or 151, or a MATH course that includes Calculus or has Calc as a prereq		3
Technology	Met in major with CSCI and labs	0
Oral Communication		
WRIT 465	Preparation of Oral and Written Reports	3
Logic/Language/Semiotics	Met in major with VCOM 262	0
Skills for Common Experience and Thinking Across Disciplines		
HMXF 102	The Human Experience: Who Am I?	3
Global Perspectives	See approved list, p. 16	3
Historical Perspectives	Met in major with ARTH 176	0
Developing Critical Skills and Applying them to Disciplines		
Social Science		
ANTH 201, PSYC 101	Intro to Cultural Anthropology, General Psychology	6
SOCL 201	Principles of Sociology	3
Humanities and Arts	See approved list, p. 16; must include 2 designators	6
Natural Science	See approved list, p. 16; must include a lab science; must come from 2 different science categories	7
Intensive Writing	Met with WRIT 465	0
Constitution Requirement	See approved list, p. 16	3
Subtotal		44
Information Design Core		27-27.5
CSCI 101 & 101 A, F & P or CSCI 151 and CSCI 101F	Intro to Comp & Info Proc; Windows, Photoshop, C++ Overview of Computer Science; Photoshop	3-3.5
DIFD 141	Introduction to Web Application Design	4
DIFD 151	Introduction to Information Design	1
VCOM 262	Introduction to Web Design	3
DIFD 211	Communication Theory and the Internet	3
DIFD 251	Information Design Seminar: Special Topics	1
DIFD 321	Information Systems and Organizations	3
DIFD 322	Visual Design of Complex Systems	3
DIFD 415	Law and Ethics for Digital Media	3
DIFD 451	Senior Synthesis	3
Interactive Media Concentration		52.5
ARTH 176	Intro to Art History from Renaissance to Present	3
VCOM 374	History of Graphic Design and Illustration	3
CSCI 101C	Microsoft Access	0.5
CSCI 241 & 242	Client/Server Programming for the World Wide Web I & II	7
VCOM 120	Rapid Visualization Drawing	3
VCOM 150	Design Studio Skills	3
VCOM 151	Design Fundamentals	3
VCOM 154	Design and Color	3
VCOM 261	Electronic Image Making	3
VCOM 300	Specialization Portfolio Review	0
VCOM 258	Introduction to Typography	3
VCOM 259	Introduction to Graphic Design	3
VCOM 362	Interactive Media	3
VCOM 363	Multimedia Design I	3
VCOM 462	Interface Design in Alternative e-media	3
VCOM 463	Multimedia Design II	3
Choose two courses within the following groups:		6
Mass communication: MCOM 260 & 341		
Music: MUST 531 & 532		
Illustration/Graphic Design: VCOM 222, 355, 358, 361		
Electives		0
Total		124.5

See pages 16-18 for additional degree requirements.

COLLEGE OF BUSINESS ADMINISTRATION--DIGITAL INFORMATION DESIGN-WEB APPLICATION DESIGN
Bachelor of Science in Digital Information Design with a concentration in Web Application Design

General Education Courses		Semester Hours
ACAD 101	Principles of the Learning Academy	1
Critical Skills		
Writing and Critical Thinking		
WRIT 101, CRTW 201	Composition; Crit Reading, Thinking, & Writing	6
Quantitative Skills		
MATH 150 (recommended) or 151, or a MATH course that includes Calculus or has Calc as a prereq		3
Technology	Met in major with CSCI and labs	0
Oral Communication		
WRIT 465 or CSCI 327	Prep of Oral & Written Reports, Soc Implications of Comp	3
Logic/Language/Semiotics	Met in major with DIFD 141	0
Skills for Common Experience and Thinking Across Disciplines		
HMXP 102	The Human Experience: Who Am I?	3
Global Perspectives	See approved list, p. 16	3
Historical Perspectives	See approved list, p. 16	3
Developing Critical Skills and Applying them to Disciplines		
Social Science		
PSYC 101	General Psychology	3
Electives	See approved list, p. 16	3-6*
Humanities and Arts	See approved list, p. 16; must include 2 designators	6-9*
	*Must take 15 hours from these two categories	
Natural Science	See approved list, p. 16; must include a lab science; must come from 2 different science categories	7
Intensive Writing	Met with WRIT 465 or CSCI 327	0
Constitution Requirement	See approved list, p. 16	0-3
Subtotal		44-47
Information Design Core		27-27.5
CSCI 101 & 101 A, F & P or CSCI 151 and CSCI 101F	Intro to Comp & Info Proc; Windows, Photoshop, C++ Overview of Computer Science; Photoshop	3-3.5
DIFD 141	Introduction to Web Application Design	4
DIFD 151	Introduction to Information Design	1
VCOM 262	Introduction to Web Design	3
DIFD 211	Communication Theory and the Internet	3
DIFD 351	Information Design Seminar: Special Topics	1
DIFD 321	Information Systems and Organizations	3
DIFD 322	Visual Design of Complex Systems	3
DIFD 415	Law and Ethics for Digital Media	3
DIFD 451	Senior Synthesis	3
Web Application Design Concentration		32
QMTM 205	Applied Statistics I	3
CSCI 101B & C	Microsoft Excel and Access	1
CSCI 241 & 242	Client/Server Programming for the World Wide Web I & II	7
CSCI 475 & 476	Software Engineering I & II	6
CSCI 521	Software Project Management	3
CSCI 441	Web Application Design and Development	3
CSCI 355	Database Processing	3
VCOM 362	Interactive Media	3
VCOM 462	Interface Design in Alternative e-media	3
Electives		16.5-21
Total		124

See pages 16-18 for additional degree requirements.