INFORMATION SYSTEMS 680

Undergraduate Program in Business Administration
Fisher College of Business

PROFESSIONAL AND GENERAL EDUCATION

Name ___________________________
Admitted to OSU ______/Admitted to BUS______

FIRST YEAR REQUIREMENTS
¶ English 110……………………………………………… 5
¶ Mathematics 130………………………………………… 4
¶ Mathematics 131………………………………………… 4
¶ Mathematics 132………………………………………… 5
¶ CS&E 200………………………………………... 5

GENERAL EDUCATION CURRICULUM
2nd Writing Course………………………………………. 5
Social Science………………………………………… 5
● {Social Diversity Course………………………………

NATURAL SCIENCE (one must be a laboratory course)
Biol Sci I………………………………………………… 5
Biol Sci II………………………………………………... 5
Phys Sci I……………………………………………. 5
Phys Sci II…………………………………………… 5

ARTS AND HUMANITIES (Designate US/European &
Non-US/European options – one course in each required)
History I…………………………………………………. 5
History II……………………………………………….. 5
Literature ……………………………………………….. 5
Visual and Performing Arts…………………………….. 5
Cultures and Ideas/Lit/VPA……………………………. 5
● A: {US/Europe Course……………………………...}
● B: {Non-US/Europe Course………………………….}

CONTEMPORARY WORLD……………………………. 5

Notes:
¶ Requirements for entry to College. A competitive point
hour ratio is also required.
● {} Designates requirements that may be met within other
requirements. See printable version of GEC at http://fisher.osu.edu/programs/undergraduate/academics/general-ed-curriculum-
† Prerequisites to Business Adm 799.
◊ Prerequisites required to Specialization Courses.
× Course to be taken your last quarter.

IMPORTANT NOTE:
You must apply to graduate 3 quarters before your anticipated
graduation date. Application forms are located in the College Office.

SECOND YEAR REQUIREMENTS
Math 366……………………………………………… 3
Statistics 133………………………………………….. 4
◊ Bus-Adm Mgt 330………………………………………. 5
◊ Bus-Adm Mgt 331………………………………………. 4
¶ Economics 200…………………………………………. 5
¶ Economics 201…………………………………………. 5
¶ Acct & MIS 211……………………………………….. 5
¶ Acct & MIS 212………………………………………. 5

BUSINESS CORE REQUIREMENTS
◊ Bus-Adm 499…………………………………………... 4
Bus-Adm 555……………………………………………. 4
† Bus-Adm: Fin 510………………………………………. 4
Economics Option (501, 502, 530, 570, or 580)… 5
† Bus-Adm: Fin 620………………………………………. 4
† Bus-Adm: Mgt 630……………………………………... 4
† Bus-Adm: M&L 650…………………………………….. 4
† Bus-Adm: MHR 701……………………………………. 5
× Bus-Adm: 799…………………………………………... 4

SPECIALIZATION CHECKLIST

& POINT-HOUR COMPUTATION

<table>
<thead>
<tr>
<th>COURSE</th>
<th>NBR</th>
<th>HRS</th>
<th>TITLE</th>
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</thead>
<tbody>
<tr>
<td>CS&amp;E</td>
<td>201</td>
<td>4</td>
<td>Elem Computer Progrm</td>
</tr>
<tr>
<td>CS&amp;E</td>
<td>214</td>
<td>4</td>
<td>Data Structure Info Sys</td>
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<tr>
<td>CS&amp;E</td>
<td>314</td>
<td>4</td>
<td>Bus Progrm File Procedure</td>
</tr>
<tr>
<td>CS&amp;E</td>
<td>670</td>
<td>3</td>
<td>Intro Database Sys 1</td>
</tr>
<tr>
<td>CS&amp;E</td>
<td>516/616</td>
<td>4</td>
<td>Obj-Or Sys Analysis</td>
</tr>
</tbody>
</table>

Choose three from the following:
AMIS 532, 651, 653, 655, 657, 658, 659

REQUEST ‘M’ SECTIONS FOR REGISTRATION
(These specialization courses may be taken in any order, as long as
prerequisites are met.) Minimum 2.0 required in the specialization
to graduate.)

196 DEGREE HOURS NEEDED FOR GRADUATION

HOURS THAT DO NOT APPLY TOWARDS GRADUATION

Course numbers less than 100 (050, 075-examples) are considered
remedial and will not be used towards graduation hours.

The credit hours for a repeated course will not be counted more
than once in meeting graduation requirements.

The old GEC requirements apply to all undergraduate students
admitted to the university and enrolled for any quarter prior to
summer quarter 2007, and to transfer students admitted to the
university for summer quarter 2007 through spring quarter 2008
who have earned 45 or more hours of transfer credit. The new GEC
requirements apply to students beginning their careers as regularly
enrolled college students summer quarter 2007 or later (some of
these students may have earned more than 45 hours of transfer
credit completed while they were enrolled in high school); and to
transfer students admitted to the university for summer quarter 2007
or later who have earned fewer than 45 hours of transfer credit.
INFORMATION SYSTEMS

The information system specialization emphasizes the application of information technology in business—the design, implementation and management of systems to collect, store, process, retrieve, and communicate information for the support of operations, management, and decision making functions. The objective of these systems is to enhance productivity by improving the efficiency and effectiveness of business processes. For many firms, information systems can also be used to help increase revenue and to provide a competitive advantage.

Computers and other information technologies are the technical foundations or the tools of information systems. However, both technical skills and knowledge of business process and practice are needed by an information systems professional to effectively work in today’s business environment.

The field of information systems is unique in that it blends organizational and managerial concerns with the study of information technologies. The objective of the information systems major is to prepare students for entry into the information systems profession. The program is designed to provide students with (1) the technical foundation required to develop and function credibly in business and industry, and (2) organizational understanding and managerial skills necessary to plan for and manage business information systems. These skills are necessary to advance into leadership positions, particularly within the information systems functional area of the firm. Career opportunities for information systems abound. By many accounts, the information technology industry (broadly defined) is the largest and fastest-growing industry in the world, and opportunities within it for high salaries, advancement, and career mobility are greater than in almost any other industry.

Computer-based information systems already play a significant role in the operations and management of many enterprises. Numerous opportunities for employment exist within information systems departments and systems support groups in all kinds of organizations (government, industry, and business) for programmers, systems analysts, application development consultants, liaisons with users, database administrators, and information systems managers. The hiring policies for most of these positions in many firms often favor business information systems graduates because they understand not only the technology but also business functions and practice.

EARNINGS: Companies that are providers of information technology also employ large numbers of information systems graduates. Many positions are available in the marketing groups and service organizations of hardware manufacturers. In the software industry, many opportunities exist in the development, marketing, and application support areas. The rapidly expanding and extraordinarily dynamic systems consulting industry offers a wide variety of career opportunities for information systems majors. The demand for information systems professionals is increasing, and this trend is expected to continue as we advance further into the information age. The average starting salary in 2005-2006 for Fisher students in this major reporting to Fisher Career Services was $46,292 a year. For more specific salary information regarding location and job title, please check out Salary Wizard on Fisher Interview Trak and for national salary information; refer to the NACE quarterly Salary Survey, in the Resource Room in Career Services.

CAREER SERVICES: The Fisher College Career Services Office in 150 Gerlach Hall has numerous services to assist all students with their career needs including assistance with resume writing and interviewing, an active internship program, on-campus interviews, employment and employer resources, and career planning advice. Visit the office and the website at: http://fisher.osu.edu/career/ for more