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BUSINESS INFORMATION SYSTEMS, CONCENTRATION—INDUSTRY ACADEMIC MAP:
DEGREE BBA (120 CREDIT HOURS)
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This degree map is a semester-by-semester course schedule for students majoring in Business Information Systems with a concentration in Industry. The milestones listed to the right of each semester are designed to keep a student on track to graduate in four years. The schedule serves as a general guideline to help build a full schedule each semester. Milestones are courses and special requirements necessary for timely progress to complete a major. When one or more milestones are missed, students should consult with an academic advisor to determine if another degree path would be more suitable.

Information systems are part of every business and organization. The BBA in Business Information Systems Industry Concentration degree program presents a course of study about the exciting and innovative ways that information technology is used to help organizations succeed. Students learn how to help organizations design and use information systems for conducting transactions, managing information about customers, employees and suppliers, and ensuring the security of communications. They study how people adapt to new information technologies, and advise organizations how to make the most of the information available to them. Our dedicated faculty members employ teaching techniques that includes hands-on skill development in a broad array of subjects such as software development, databases, and networking.

The BBA in BIS-Industry concentration program consists of 120 semester hours that comprises of General Education (36 semester hours), Lower Division Business Core (18 hours) Upper Division Business Core (27 hours), BIS courses (30 hours), and   Non-Business Electives (9 hours). Students in the College of Business (COB) are expected to maintain a minimum cumulative grade point average (GPA) of 2.00. Students who incur probationary status are to repeat failed courses. The College has a special program to assist students who are on probation. Please contact the Academic Coordinator for details. To enroll in upper level (3000 and 4000 numbered courses) business classes, students must meet the following requirements: (a) Complete 60 credit hours of lower division requirements; (b) Earn a "C" or better in both English 1010 and English 1020; (c) Have a 2.00 GPA or better in lower division courses; and (d) The following business courses must be completed: MGMT 1010, ECON 2010, ECON 2040, and ACCT 2010. For more information concerning policies and practices in the COB, see the *College of Business Student Handbook (*http://www.tnstate.edu/business/advisement/2013-2015%20Student%20Handbook%20revised%20October%2022%202014.pdf) or the University Catalog (http://www.tnstate.edu/academic_affairs/documents/Undergraduate_Catalog.pdf).

Tennessee State University recognizes that students have diverse learning, life, and professional experiences. The University provides opportunities for students to earn college credit toward the degree through a number of assessment options that evaluate their learning experiences. These paths are grouped under the category "Prior Learning Assessment" (PLA). Various means of earning PLA credit at TSU are the following: Advance Placement Program, American Council of Education (ACE) Military Credit, American Council on Education (ACE) other Assessed Credit, College Level Exam Program (CLEP), DSST Credit by Examination Program (includes DANTES Examination), Institutional Course Challenge Exams (Departmental Exams), International Baccalaureate Credit, Other Military Service, Portfolio Assessment. To learn more about PLA contact your academic advisor or the Office of Student Support Services for Adult and Distance Learners (615) 963-7001.

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Fall Schedule		Milestones
Semester 1	**Hrs.**	**Semester 1**
ENGL 1010	3	Pre-Requisite Course: Must be taken before ENGL 1020, and HIST 2010, HIST 2020, HIST 2030, HIST 2050 or HIST 2700; Minimum grade "C" Required
UNIV 1000*	1	
MGMT 1010	3	Pre-requisite Course: Must be taken before MGMT 3010
Natural Science**	4	
MATH 1110/Non-Business Elective***	3	May substitute MATH 1710 **Pre-Calculus, Only;** Pre-requisite for ECON 2010, ACCT 2010, ECON 2040, and MATH 1830
Total Hours	**14**	

  *An Orientation course taken at another University does **NOT** meet this requirement. Students with less than 60 credit hours must take UNIV 1000 at TSU.

  **Natural Science-Students must have 8 semester hours which includes the appropriate labs. Recommended courses are: BIOL 1010/1011, CHEM 1030/1031, PHYS 2010/2011, or ASTR 1010.

***Students that do not have equivalent course must take the listed course as a non-business elective.

Spring Schedule		Milestones
Semester 2	**Hrs.**	**Semester 2**
ENGL 1020	3	Pre-Requisite Course: Must be taken before ENGL 1020, and HIST 2010, HIST 2020, HIST 2030, HIST 2050 or HIST 2700; Minimum grade "C" Required
COMM 2200	3	
MATH 1830	3	May substitute MATH 1910
Natural Science*	4	
BISI 2150/Non-Business Elective**	3	
Total Hours	**16**	

  *Natural Science- Students must have 8 semester hours which includes the appropriate lab. The recommended courses are: BIOL 1020/1021, CHEM 1040/1041, PHYS 2020/2021 or ASTR 1020.

 **Students who do not have the equivalent course must take the listed course as a non-business elective. Students also have the opt ion of testing out of this course. Students have the option of testing out of BISI 2150 course and be replaced with a non-business elective.

Fall Schedule		Milestones
Semester 3	**Hrs.**	**Semester 3**
ACCT 2010	3	Pre-requisite Course: Must be taken before ACCT 2020
ECON 2010	3	Pre-requisite Course: Must be taken before ECON 2020
ECON 2040	3	Pre-requisite Course: Must be taken before ECON 3050 and MGMT 3020
ENGL LIT*	3	
HIST 2010**	3	
Total Hours	**15**	

  *Courses within the range of ENGL 2012-2322 will meet this requirement.

  **The Department recommends HIST 2010; however, HIST 2030, HIST 2050, HIST 2060 or HIST 2700 satisfy this requirement

Spring Schedule		Milestones
Semester 4	Hrs.	Semester 4
ACCT 2020	3	Pre-requisite Course: Must be taken before FINA 3300
ECON 2020	3	Pre-requisite Course: Must be taken before MKTG 3010
ENGL LIT or Humanities*	3	
Humanities**	3	
HIST 2020***	3	
Total Hours	**15**	

*Courses within the range of ENGL 2012-2322 will meet this requirement. Students also have the option of taking a 3 credit hour course from the following list of approved general education Humanities courses: AREN 2310, ART, 1010, THTR 1020, MUSC 1010, PHIL 1030, HIST 1000 or RELS 2010. Students must remember not to duplicate a Humanities course option from a previous semester.

**Students also have the option of taking a 3 credit hour course from the following list of approved general education Humanities courses: AREN 2310, ART, 1010, THTR 1020, MUSC 1010, PHIL 1030, HIST 1210, HIST 1220 or RELS 2010.

***The Department recommends HIST 2020; however, HIST 2030, HIST 2050, HIST 2060 or HIST 2700 satisfy this requirement

Fall Schedule		Milestones
Semester 5	Hrs.	Semester 5
BISI 3160	3	Pre-requisite Course: Must be taken before BISI 3260
BISI 3230	3	Pre-requisite Course: Must be taken before enrolling in any BISI 4000 level courses.
BISE 3150	3	Pre-requisite Course: Must be taken before MGMT 4500
BLAW 3000	3	Pre-requisite Course: Must be taken before MGMT 4500
MGMT 3010	3	Pre-requisite Course: Must be taken before MGMT 4500
Total Hours	**15**	

Spring Schedule		Milestones
Semester 6	Hrs.	Semester 6
BISI 3260	3	
BISI 3360	3	
FINA 3300	3	Pre-requisite Course: Must be taken before MGMT 4500
MKTG 3010	3	Pre-requisite Course: Must be taken before MGMT 4500
ECON 3050	3	Pre-requisite Course: Must be taken before MGMT 4500
Total Hours	**15**	

Fall Schedule		Milestones
Semester 7	**Hrs.**	**Semester 7**
BISI 4150	3	
BISI 4400	3	
MGMT 3020	3	Pre-requisite Course: Must be taken before MGMT 4500
BISI 4250	3	
BISE/BISI Elective*	3	
Total Hours	**15**	Review degree requirements with the COB Office of Undergraduate Studies**

*BISE/BISI electives include: BISI 3500, BISI 3610, BISI 3620, BISI 4240, BISI 4260, BISI 4300, BISI 4364, BISI 4410, BISI 4550, BISI 4800, BISI 4810/4820, BISI 4990, BISE 3400, BISE 4000, and BISE 4300.

Spring Schedule		Milestones
Semester 8	**Hrs.**	**Semester 8**
		Take Senior Exit Exam and Apply for Graduation
BISI 4230	3	
BISI 4360	3	
MGMT 4500*	3	It is recommended that students take this course during the last semester before graduation.
BISI/BISE Elective**	3	
Non-Business Elective***	3	
Total Hours	**15**	

*To enroll in MGMT 4500 a student must have: (1) senior standing; and (2) satisfactorily completed all lower division **AND** upper division business **CORE** courses.

**BISE/BISI electives include: BISI 3500, BISI 3610, BISI 3620, BISI 4240, BISI 4260, BISI 4300, BISI 4364, BISI 4410, BISI 4550, BISI 4800, BISI 4810/4820, BISI 4990, BISE 3400, BISE 4000, and BISE 4300.

***The Department strongly recommends students to take Computer Science courses (e.g., COMP 1201, COMP 1500, and COMP 2140) as their non-business electives

Employment Information:
Students with this degree will have earned at least 120 hours and will have the necessary educational requirements for various IT jobs. Students may also be able to earn IT certifications to increase their employability. Students who want to earn identified IT certification may take additional undergraduate classes. Students should consult with their advisors for guidance.

Representative Job Titles Related to this Major:
Application Support Analyst/Engineer, Chief Technology Officer, Computer and Information Systems Manager, Computer Systems Manager, Data Center Support Specialist, Data Quality Manager, Database Administrator, Desktop Support Manager/Specialist, Front End Developer, Help Desk Specialist/Technician, Information Technology Coordinator/Director/Manager, IT Support Manager/Specialist, IT Systems Administrator, Network Systems Administrator, Programmer Analyst, Security Specialist, Software Quality Assurance Analyst, Systems Administrator/Analyst, Technical Support Engineer/Specialist, Web Administrator/Developer/Webmaster

Representative Employers: IT Firms, Business and Professional Associations, Consulting Firms, Small Businesses, Management Counseling Firms, Government agencies, Information Industry, Planning Agencies, Communication Firms, Research Organizations, Universities and Colleges, Non-Profit Organizations, etc.

International study is available for all TSU students and may include opportunities for internships or taking course work towards various minors. International study may have an impact on the MAP; therefore, it is important to consult with the academic advisor for this major before participating in an international Program opportunity. Students interested in study abroad opportunities should contact the <u>Office of International Programs and consult with their academic advisor</u>.

This map is not intended to be a contract; either expressed or implied, between the University and the students, but represents a flexible program of the current curriculum which may be altered from time to time to carry out the academic objectives of the University. TSU specifically reserves the right to change, delete or add to any MAP at any time within the student's period of study at the University.
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