BUSINESS INFORMATICS, MBA

About the MBA-I Program

Judson's MBA program with a STEM informatics focus offers students a unique blend of business and technical skills to succeed in the rapidly evolving field of data-driven decision-making. Through hands-on projects, case studies, and coursework, students learn to effectively analyze and interpret complex data sets, develop innovative solutions, and lead interdisciplinary teams in a variety of industries.

STEM disciplines are characterized by their emphasis on quantitative analysis, problem-solving, and the application of scientific principles to real-world challenges. An MBA Informatics program aligns with these core principles by equipping students with the ability to utilize datadriven decision-making, statistical analysis, and predictive modeling. Graduates are trained to assess complex business problems, evaluate data sets, and develop innovative solutions rooted in analytical reasoning –a quintessential aspect of the STEM framework.

Graduate Outcomes

Graduates of the Master of business administration - informatics program will...

- Develop a deep understanding of the intersection of business and technology, and how ICT can be used to improve business processes, operations, and decision-making
- Acquire advanced knowledge and skills in business strategy, leadership, finance, marketing, and operations, as well as in areas such as data analytics, information security, and digital transformation
- Demonstrate skills in data analytics, software development, project management, database design and management, information security, and business process modeling
- Learn how to effectively manage IT projects and initiatives, and how to align IT with business goals and objectives in order to drive innovation, improve efficiency, and create value for stakeholders
- Understand the legal and ethical issues related to the collection, storage, processing, and use of data, and how to ensure compliance with relevant laws and regulations
- Effectively communicate technical concepts and solutions to nontechnical stakeholders, such as business managers and executives
- Work in interdisciplinary teams, and collaborate with stakeholders from different backgrounds and disciplines
- Develop critical thinking and problem-solving skills, and use data and evidence to make informed decisions and solve complex problems
- Foster a commitment to lifelong learning and professional development, and to staying up-to-date with the latest advancements in ICT and business informatics

Leave of Absence for International Students

Need to know facts for F-1 Visa holders:

1. This program is not 'set up' for breaks. Therefore, you cannot just skip a term. To keep your F-1 visa you must register for and attend every term. Full-time for doctoral level is 6 credit hours.

- 2. If you decide you want to 'take a break' from classes at Judson as a F-1 Visa holder, it is possible but please note:
 - a. You are not eligible for CPT during that break.
 - b. You cannot stay in the USA during that break.
 - c. The international office will withdraw/terminate you from SEVIS during the break. And will be able to easily reinstate you if you return within 5 months.
 - d. You must meet with the Program Director before taking the break.
 - e. Check with your Registration Advisor to make sure your desired classes will be available when you wish to return.
- 3. Medical Reduced Course Load is possible. This allows you to take less credit hours or no credit hours.
 - a. You must have medical documentation of a condition that necessitates the break along with a doctor's recommendation for the break.
 - b. It must be processed by the International Office.
 - c. It can last up to 12 months.
 - d. You can stay in the USA during this time.
 - e. You would NOT be eligible for CPT during this RCL.
 - f. For more information, visit https://studyinthestates.dhs.gov/ sevis-help-hub/student-records/manage-program-datesregistration-and-course-load/reduced-course (https:// studyinthestates.dhs.gov/sevis-help-hub/student-records/ manage-program-dates-registration-and-course-load/reducedcourse/)

Federal regulations are always changing. Talk to the PDSO and check government websites for the most up to date information.

MBA-I Student Handbook

Details of the above and other program policies and procedures are outlined in the MBA-I Student Handbook (https://myjudson.judsonu.edu/ ICS/Portlets/ICS/Portlet.Resources/ViewHandler.ashx? id=fea48f5c-1268-4a9e-be7d-94630acc27a0), which may be accessed through the MyJudson student portal, on the Student Life page.

Important Notes

- A minimum cumulative GPA of 3.0 is required. Students may be required to retake courses with grades of C or lower to maintain the GPA.
- Students must be approved by the Program Director of the doctoral Computer Science Program and the faculty for graduation.

Program Requirements

Code	Title	Hours			
BTC510	Managerial Accounting	3			
BTC520	Financial Management	3			
BTC540	Marketing	3			
BTC550	Managerial Economics	3			
DCS505	Introduction to Business Informatic	3			
DCS510	Ethics in a Rapidly Advancing Society	3			
DCS515	Business Intelligence and Analytics	3			
DCS550	Information Technology Project Management	3			
MBAI Electives					
Complete a total of 12 hours from the courses below					
BTC560	International Business				

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	DCS691	Practical Professional Leadershp ¹
	DCS606	Emerging and Disruptive Tech
	DCS602	Enabling Technologies
	DCS570	Innovation and Entrepreneurship
	DCS535	Advanced Data Analytics
	DCS530	Design Thinking for Data Visualization
	BTC610	BizTech: Cybersecurity in the Digital Era

Total Hours

36

¹ This course is required for students with CPT authorization. It may be taken once each semester the student is enrolled.

Master of Business Administration -Informatics

Academic planning is the student's responsibility. This Graduation Plan is designed to be a guide to assist students as they plan their course selections. This is only a suggested schedule, and is not a substitute for a student's Advising Worksheet, nor the Program Requirements in the Judson University Catalog. Actual course selections should be made with the advice and approval of an academic advisor. Students should become familiar with the catalog in effect at the time at which they entered the institution.

A full-time course load for masters students is 9 credit hours. A full-time course load for doctoral students is 6 credit hours. Students may exceed the minimum hours with approval from the department.

Course	Title	Hours
First Year		
First Semester		
BTC510	Managerial Accounting	3
DCS505	Introduction to Business Informatic	3
Any Elective ¹		3
	Hours	9
Second Semester		
BTC540	Marketing	3
DCS515	Business Intelligence and Analytics	3
Any Elective		3
	Hours	9
Third Semester		
BTC520	Financial Management	3
DCS550	Information Technology Project Management	3
Any Elective		3
	Hours	9
Second Year		
First Semester		
BTC550	Managerial Economics	3
DCS510	Ethics in a Rapidly Advancing Society	3
Any Elective ¹		3
	Hours	9
	Total Hours	36

¹ See Advising Worksheet for major electives. DCS691 Practical Professional Leadershp (1 c.h.) is required for students with CPT authorization. If taken for 3 semesters, it may replace 1 elective course.