New Program Proposal

Date Submitted: 03/03/26 9:47 am

Viewing: : Bachelor of Science in Business Administration with Artificial Intelligence

Last edit: 03/03/26 9:47 am

Changes proposed by: rklein6

Program Status	Active		
Requestor	Name	Rich Klein	E-mail rklein6@stuart.iit.edu
Origination Date	2026-3-3		
Is this an interdisciplinary program?	No		
Is this stem-eligible?	No		
Available for direct application?	Yes		
Academic Unit	Business Administration		
College	Stuart School of Business		
Program Title	Bachelor of Science in Business Administration with Artificial Intelligence		
Effective Academic Year	2026 - 2027	Effective Term	Fall 2026
Academic Level	Undergraduate		

In Workflow

1. **SB Associate Dean**
2. Academic Affairs
3. Undergraduate Academic Affairs
4. Director of Assessment
5. SB Dean
6. Marketing and Communications
7. Undergraduate Studies Committee Chair
8. Faculty Council Chair
9. Faculty Council Chair
10. Provost
11. President
12. Board of Trustees
13. Academic Affairs

Approval Path

1. 03/02/26 9:11 am M Krishna Erramilli (merramil): Approved for SB Associate Dean
2. 03/02/26 12:32 pm Ayesha Qamer (aqamer): Rollback to Initiator
3. 03/02/26 1:49 pm M Krishna Erramilli (merramil): Approved for SB

Associate Dean
4. 03/03/26 9:09 am Ayesha Qamer (aqamer): Rollback to Initiator

If all courses in a subject in your department are required, please enter each subject followed by the number ranges in the "Quick Add" field in the pop up box when you click the green plus button below. For example: ARCH 100-499.

What courses will factor the major GPA?	BUS 100-499 - Course BUS 100-499 not Found ECON 100-499 - Course ECON 100-499 not Found
Program Type	Degree
Degree Type	Bachelor of Science (BS)

CIP Code

52.0201 - Business Administration and Management, General.

Is there more than one Academic Unit proposer?

No

Program Code

Program Attribute

Total Program Credit Hours	120

Program Narrative and Justification

Narrative description of how the institution determined the need for the program. For example, describe what need this program will address and how the institution became aware of that need. If the program is replacing a current program(s), identify the current program(s) that is being replaced by the new program(s) and provide details describing the benefits of the new program(s). If the program will be offered in connection with, or in response to, an initative by a governmental entity, provide details of that initiative.

No Change - INCUBATOR DEGREE PROPOSAL

Narrative description of how the program was designed to meet local market needs, or for an online program, regional or national market needs. For example, indicate if Bureau of Labor Statistics data or State labor data systems information was used, and/or if State, regional, or local workforce agencies were consulted. Include how the course content, program length, academic level, admission requirements, and prerequisites were decided; including information received from potential employers about course content; and information regarding the target students and employers.

No Change - INCUBATOR DEGREE PROPOSAL

Narrative description of any wage analysis the institution may have performed, including any consideration of Bureau of Labor Statistics wage data related to the new program.

N/A

Narrative description of how the program was reviewed or approved by, or developed in conjunction with, one or more of the following: a) business advisory committees; b) program integrity boards; c) public or private oversight or regulatory agencies (not including the state licensing/authorization agency and accrediting agency); and d) businesses that would likely employ graduates of the program. For example, describe the steps taken to develop the program, identify when and with whom discussions were held, provide relevant details of any proposals or correspondence generated, and/or describe any process used to evaluate the program.

The proposed BS in Business Administration with Artificial Intelligence were developed in consultation with Stuart faculty, the Stuart Career Management Center, and aligns with university-wide artificial intelligence initiatives, including the development of the Certificate in AI Fluency and Certificate in AI Management. Faculty recognized increasing demand for graduates who combine statistical reasoning, data analysis, and computational skills with applied AI competencies..

Admission Entry Details

Available Fall Admit	Yes	Available Spring Admit	Yes
Available Summer Admit	Yes		
Available On Campus	Yes Yes	Available Online	
Available Full-Time	Yes	Available Part-Time	Yes
Available	Yes	Available Domestic	

International Yes

What are the enrollment estimates?

Year 1 10 Year 2 15 Year 3 20

Attach Additional Program Justification Document(s)

Academic Information

Advising

Since quality advising is a key component of good retention, graduation, and career placement, how will students be mentored? What student professional organizations will be formed? How will the department work with the Career Services office to develop industry connections?

Students will be advised by the BSBA Undergraduate Program Director.

Program Resources

Which program resources are necessary to offer this program?

Proposed Catalog Entry

Admission Requirements

The Bachelor of Science in Business Administration with Artificial Intelligence provides a solid foundation in business fundamentals along with a basic grounding in science. Core business competencies include accounting, economics, statistics, finance, business law, marketing, management, entrepreneurship, and leadership. Students will gain a fundamental understanding of core artificial intelligence concepts, including understanding AI, collaborating with AI for communications, collaboration with AI for computational math and coding, data literacy, Organizational Transformation through AI, and ethical and responsible use of AI.

Course Requirements

Required Courses

Business Requirements		**(48)**
BUS 100	Introduction to Business and Economics	3
BUS 102	Introduction to Business Analytics	3
BUS 211	Financial Accounting	3
BUS 212	Managerial Accounting	3
BUS 221	Business Statistics	3
BUS 301	Organizational Behavior	3
BUS 305	Operation and Supply Chain Analytics	3
BUS 311	Strategic Cost Management	3
BUS 321	Analytics for Optimization	3
BUS 341	Business Law	3
BUS 351	Financial Decision Making and Capital Budgeting	3
BUS 371	Marketing Fundamentals	3
BUS 382	Business Economics	3
or ECON 382	Business Economics	
BUS 480	Strategic Management and Design Thinking	3
ECON 151	Microeconomics	3
ECON 152	Macroeconomics	3
Artificial Intelligence Requirements		**(15)**
BUS 432	Artificial Intelligence in Business	3
COM 200	AI, Data, and Communications	3
CS 180	Artificial Intelligence Foundations	3
DS 261	Ethics and Privacy in Data Science	3
or		
PHIL 380	Topics in Philosophy	3
or		

PHIL 381	Artificial Intelligence, Philosophy and Ethics	3
MATH 123	AI for Computational Mathematics and Coding	3
Mathematics Requirements		**(5)**
Students can take one of the following for 4-5 credits		
Choose one of the following		
MATH 151	Calculus I	5
or MATH 148	Preparation for Calculus	
or MATH 191	Business Calculus	
or MATH 192	Linear Mathematics	
Natural Science and Engineering Requirements		**(10)**
See Illinois Tech Core Curriculum, section D		10
Humanities and Social Science Requirements		**(21)**
See Illinois Tech Core Curriculum, section B and C		21
Computer Science Requirement		**(2)**
CS 105	Introduction to Computer Programming	2
or CS 110	Computing Principles	
Interprofessional Projects (IPRO)		**(6)**
See Illinois Tech Core Curriculum, section E		6
Free Electives		**(13-15)**
Select 16-18 credit hours of electives		13-15
Total Credit Hours		120-122

Sample Curriculum/Program Requirements

Bachelor of Science in Business Administration with Artificial Intelligence Curriculum

				Year 1
Semester 1	Credit	Semester 2	Credit	

	Hours		Hours
BUS 100	3	BUS 102	3
ECON 151	3	BUS 221	3
CS 105	2	ECON 152	3
MATH 151, 148, 191, or 192	5	Science Elective	4
Humanities 200-level Course	3	Social Sciences Elective	3
	16		16

Year 2

Semester 1	Credit Hours	Semester 2	Credit Hours
BUS 211	3	BUS 212	3
BUS 301	3	BUS 341	3
Science Elective	3	BUS 351	3
Science Elective	3	BUS 371	3
Humanities or Social Sciences Elective	3	Humanities Elective (300+)	3
	15		15

Year 3

Semester 1	Credit Hours	Semester 2	Credit Hours
BUS 311	3	BUS 305	3
BUS 321	3	BUS 382	3
CS 180	3	DS 261	3
IPRO Elective I	3	or	
Social Sciences Elective (300+)	3	PHIL 380	
		or	
		PHIL 381	
		Humanities Elective (300+)	3
		IPRO Elective II	3
	15		15

Year 4

Semester 1	Credit Hours	Semester 2	Credit Hours
COM 200	3	BUS 432	3
MATH 123	3	BUS 480	3
Free Elective	3	Free Elective	4
Free Elective	3	Free Elective	3-5
Social Sciences Elective (300+)	3		
	15		13-15

Total Credit Hours: 120-122

Program Outcomes and Assessment Process

What are your learning objectives in this program? Please list each learning objective in the boxes below:

Note: These should be the same as described in your assessment plan at the bottom of this form.

Students will prepare and deliver oral presentations that are well-structured, technically competent and make good use of aids to support evidence-driven conclusions.

Students will prepare documents in text-based media that are clear, accurate, and appropriate for the intended audience.

Students will be able to develop well-reasoned arguments and conclusions.

Graduates will possess the analytical skills to support business decision making.

Our graduates will be able to draw upon multiple disciplines to address business problems.

Upload your assessment plan here:

Undergraduate Program Requirements

What courses will factor the major GPA?

Undergraduate Degree Requirements

Minimum credit 120

hours

Specialization required?
No

Minor required?
No

Proposed General Curriculum

List Major Course Requirements

Business Requirements		
BUS 100	Introduction to Business and Economics	3
BUS 102	Introduction to Business Analytics	3
BUS 211	Financial Accounting	3
BUS 212	Managerial Accounting	3
BUS 221	Business Statistics	3
BUS 301	Organizational Behavior	3
BUS 305	Operation and Supply Chain Analytics	3
BUS 311	Strategic Cost Management	3
BUS 321	Analytics for Optimization	3
BUS 341	Business Law	3
BUS 351	Financial Decision Making and Capital Budgeting	3
BUS 371	Marketing Fundamentals	3
BUS 382	Business Economics	3
or ECON 382	Business Economics	
BUS 480	Strategic Management and Design Thinking	3
ECON 151	Microeconomics	3
ECON 152	Macroeconomics	3
Artificial Intelligence Requirements		

BUS 432	Artificial Intelligence in Business	3
COM 200	AI, Data, and Communications	3
CS 180	Artificial Intelligence Foundations	3
DS 261	Ethics and Privacy in Data Science	3
or		
PHIL 380	Topics in Philosophy	3
or		
PHIL 381	Artificial Intelligence, Philosophy and Ethics	3
MATH 123	AI for Computational Mathematics and Coding	3
Total Credit Hours		63
List Mathematics Requirements		
MATH 191	Business Calculus	3
or MATH 148	Preparation for Calculus	
or MATH 151	Calculus I	
or MATH 192	Linear Mathematics	
Total Credit Hours		3
List Science Requirements		
Natural Science and Engineering Requirements		
See Illinois Tech Core Curriculum, section D		10
List Computer Science Requirements		
CS 105	Introduction to Computer Programming	2
or CS 110	Computing Principles	
List Humanities and Social Sciences Requirements		

No Change

Humanities and Social Science Requirements	
See Illinois Tech Core Curriculum, section B and C	21
List Interprofessional Project (IPRO) Requirements	
Interprofessional Projects (IPRO)	
See Illinois Tech Core Curriculum, section E	6
List Technical Elective Course Options	
N/A	
List Free Elective Credit Hours (if applicable)	15

Semester-by-semester plan of study for the degree program

Year 1

Semester 1	Credit Hours	Semester 2	Credit Hours
BUS 100	3	BUS 102	3
ECON 151	3	BUS 221	3
Humanities 200 Level Course	3	ECON 152	3
CS 105	2	Science Elective	4
MATH 151, 148, 191, or 192	5	Social Science Elective	3
	16		16

Year 2

Semester 1	Credit Hours	Semester 2	Credit Hours
BUS 211	3	BUS 212	3
BUS 301	3	BUS 341	3
Science Elective	3	BUS 351	3
Science Elective	3	BUS 371	3

Humanities or Social Sciences Elective	3	Humanities 300+ Level Course	3
	15		15

Year 3

Semester 1	Credit Hours	Semester 2	Credit Hours
BUS 311	3	BUS 305	3
BUS 321	3	BUS 382	3
Specialization Elective	3	Specialization Elective	3
Social Sciences 300+ Elective	3	IPRO Elective II	3
IPRO Elective I	3	Humanities Elective 300+	3
	15		15

Year 4

Semester 1	Credit Hours	Semester 2	Credit Hours
Specialization Elective	3	BUS 480	3
Free Elective	3	Specialization Elective	3
Specialization Elective	3	Free Elective	4
Social Sciences Elective 300+	3	Free Elective	3-5
Free Elective	3		
	15		13-15

Total Credit Hours: 120-122

Reviewer Comments

Ayesha Qamer (aqamer) (03/02/26 12:32 pm): Rollback: Please update the sample curriculum title to show new program title

Ayesha Qamer (aqamer) (03/03/26 9:09 am): Rollback: Rollback requested by Rich Klein

Key: 698