New Program Proposal

Date Submitted: 03/12/26 4:48 pm

Viewing: BS-PPAI : Bachelor of Science in Public Policy with Artificial Intelligence

Last edit: 03/12/26 4:48 pm

Changes proposed by: sghatak

Program Status	Active			
Requestor	Name	Saran Ghatak	E-mail	sghatak@iit.edu
Origination Date	2026-3-12			
Is this an interdisciplinary program?	No			
Is this an incubator program?				
Is this stem-eligible?	Yes			
Available for direct application?	Yes			
Academic Unit	Social Sciences			
College	Lewis College of Science and Letters			
Program Title	Bachelor of Science in Public Policy with Artificial Intelligence			
Effective Academic Year	2026 - 2027	Effective Term	Fall 2026	
Academic Level	Undergraduate			

In Workflow

1. SSCI Chair
2. Academic Affairs
3. Undergraduate Academic Affairs
4. Director of Assessment
5. LS 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. 03/11/26 3:07 pm Saran Ghatak (sghatak): Approved for SSCI Chair
2. 03/11/26 4:30 pm Ayesha Qamer (aqamer): Approved for Academic Affairs
3. 03/12/26 4:47 pm Joseph Gorzkowski (jgorzkow): Rollback to Initiator
4. 03/12/26 4:48 pm Saran Ghatak (sghatak): Approved for SSCI Chair
5. 03/13/26 2:46 pm Ayesha Qamer

(aqamer): Approved for Academic Affairs
6. 03/16/26 1:48 pm Joseph Gorzkowski (jgorzkow): Approved for Undergraduate Academic Affairs

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?	CS 105 - Introduction to Computer Programming CS 110 - Computing Principles MATH 119 - Geometry for Architects MATH 130 - Thinking Mathematically MATH 148 - Preparation for Calculus PSYC 203 - Undergraduate Statistics for the Behavioral Sciences BUS 221 - Business Statistics PS 313 - Comparative Public Policy SSCI 106 - Introduction to Public Policy SSCI 209 - Social Science Research Methods SSCI 486 - Program Evaluation SSCI 493 - Public Service Internship SSCI 100 - Introduction to the Profession SSCI 491 - Directed UG Research PS 497 - Directed Readings in Political Science SOC 497 - Directed Readings CS 180 - Artificial Intelligence Foundations DS 151 - Introduction to Data Science BUS 432 - Artificial Intelligence in Business PHIL 381 - Artificial Intelligence, Philosophy and Ethics COM 200 - AI, Data, and Communications PHIL 372 - Ethics of Technology and Communication DS 261 - Ethics and Privacy in Data Science
Program Type	Degree
Degree Type	Bachelor of Science (BS)

CIP Code

44.0599 - Public Policy Analysis, Other.

Is there more than one Academic Unit proposer?

No

Program Code	BS-PPAI

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.

Incubator program for AI+ initiative

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.

Incubator program for AI+ initiative

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.

Incubator program for AI+ initiative

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.

Incubator program for AI+ initiative

Admission Entry Details

Available Fall Admit Yes

Available Spring Admit Yes

Available Summer Admit Yes

Available On Campus	Yes	Available Online	Yes
Available Full-Time	Yes	Available Part-Time	Yes
Available International	Yes	Available Domestic	Yes

What are the enrollment estimates?

Year 1	5	Year 2	8	Year 3	12

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 majoring will be advised by an advisor chosen from among the qualified faculty of the Humanities, Arts, and Social Sciences Department. Other faculty participating in the program will assist with student mentoring, such as internship supervision and career advice in their areas of expertise once students have chosen their specializations. Students may also get the benefit of input from advisors in the departments of their minors.

A curriculum committee will be formed consisting of three or four faculty from Social Sciences and Humanities. The committee will recommend and review curriculum changes and conduct annual program assessments. The department has not as yet consulted extensively with Career Services due to transition in that office; however, it has solicited information on industry connections from other staff at Illinois Tech and used that to inform planning. It is our intention to build a strong relationship with Career Services.

Program Resources

Which program resources are necessary to offer this program?

Proposed Catalog Entry

Admission Requirements

Course Requirements

Required Courses

Public Policy Requirements		**(15)** [1]
SSCI 106	Introduction to Public Policy	3
SSCI 100	Introduction to the Profession	3
PS 313	Comparative Public Policy	3
SSCI 209	Social Science Research Methods	3
SSCI 493	Public Service Internship	3
or SSCI 486	Program Evaluation	
or SSCI 491	Directed UG Research	
or PS 497	Directed Readings in Political Science	
or SOC 497	Directed Readings	
Public Policy Free Electives		**(18)**
A total of six other PS, SSCI or SOC courses [2]		18
Mathematics Requirements		**(6)**
Select two courses at the level of MATH 119 or above including PSYC 203 or BUS 221		6
Natural Sciences Requirements		**(10)**
See Illinois Tech Core Curriculum, section D		10
Computer Science Requirement		**(2)**
CS 105	Introduction to Computer Programming	2
or CS 110	Computing Principles	
Humanities Requirements		**(9)**
See Illinois Tech Core Curriculum, sections B and C		9
Interprofessional Projects		**(6)**
See Illinois Tech Core Curriculum, section E		6
Free Electives		**(36)**
Select 36 credit hours. May be applied to a minor.		36
Certificate in AI fluency		**(9)**
MATH 123	AI for Computational Mathematics and Coding	3

COM 200	AI, Data, and Communications	3
CS 180	Artificial Intelligence Foundations	3
Certificate in AI management		**(9)**
DS 151	Introduction to Data Science	3
BUS 432	Artificial Intelligence in Business	3
PHIL 381	Artificial Intelligence, Philosophy and Ethics	3
or DS 261	Ethics and Privacy in Data Science	
or PHIL 372	Ethics of Technology and Communication	
Total Credit Hours		120

[1] 18 credit-hours if taking both SSCI 493 & SSCI 486.

[2] Five other PS, SSCI or SOC courses if taking both SSCI 493 & SSCI 486.

Sample Curriculum/Program Requirements

Year 1

Semester 1	Credit Hours	Semester 2	Credit Hours
SSCI 106	3	PS 313	3
MATH 130 or 148	3	Natural Science or Engineering Elective	4
Humanities 200-level Course	3	Free elective	3
SSCI 100	3	BUS 221	3
MATH 123	3	DS 151	3
	15		16

Year 2

Semester 1	Credit Hours	Semester 2	Credit Hours
SSCI 209	3	CS 105	2
Public Policy Free Elective	3	Public Policy Free Elective	3
Natural Science or Engineering Elective	3	Natural Science or Engineering Elective	3
Free Elective	3	Humanities Elective (300+)	3
COM 200	3	CS 180	3
	15		14

Year 3

Semester 1	Credit Hours	Semester 2	Credit Hours
Public Policy Free Elective	3	Humanities Elective (300+)	3
SSCI 493	3	IPRO Elective	3
Free Elective	3	Public Policy Free Elective	3
PHIL 381	3	Free Elective	3
PHIL 372	3	BUS 432	3

	15		15
			Year 4
Semester 1	Credit Hours	Semester 2	Credit Hours
IPRO Elective	3	Public Policy Free Elective	3
Public Policy Free Elective	3	Free elective	3
Free Elective	3	Free Elective	3
Free Elective	3	Free Elective	3
Free Elective	3	Free Elective	3
	15		15

Total Credit Hours: 120

Specialization Requirements

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 demonstrate understanding of major concepts and theoretical principles in the field.

Students will be able to describe and explain political, legal and social impacts of governance on the private, public and nonprofit sectors.

Students will demonstrate that they can critically review theoretical explanations of policy problems and solutions

Students will demonstrate their ability to justify evidence-based assumptions or recommendations.

Upload your assessment plan here:

Assessment Plan AI+Public_Policy.xlsx

Undergraduate Program Requirements

What courses will factor the major GPA?

CS 105 - Introduction to Computer Programming
CS 110 - Computing Principles
MATH 119 - Geometry for Architects
MATH 130 - Thinking Mathematically
MATH 148 - Preparation for Calculus
PSYC 203 - Undergraduate Statistics for the Behavioral Sciences
BUS 221 - Business Statistics
PS 313 - Comparative Public Policy
SSCI 106 - Introduction to Public Policy
SSCI 209 - Social Science Research Methods
SSCI 486 - Program Evaluation
SSCI 493 - Public Service Internship
SSCI 100 - Introduction to the Profession
SOC 497 - Directed Readings
SSCI 491 - Directed UG Research
PS 497 - Directed Readings in Political Science
BUS 432 - Artificial Intelligence in Business
CS 180 - Artificial Intelligence Foundations
DS 151 - Introduction to Data Science
MATH 123 - AI for Computational Mathematics and Coding
COM 200 - AI, Data, and Communications
PHIL 381 - Artificial Intelligence, Philosophy and Ethics

Undergraduate Degree Requirements

Minimum credit hours: 120

Specialization required?
No

Minor required?
No

Proposed General Curriculum

List Major Course Requirements

Core courses		(15)
SSCI 100	Introduction to the Profession	3

SSCI 106	Introduction to Public Policy	3	
SSCI 209	Social Science Research Methods	3	
SSCI 486	Program Evaluation	3	
SSCI 493	Public Service Internship	3	
or PS 497	Directed Readings in Political Science		
or SSCI 491	Directed UG Research		
or SOC 497	Directed Readings		
Electives		**(18)**	**18**
Certificate in AI Fuency		**(9)**	
MATH 123	AI for Computational Mathematics and Coding	3	
CS 180	Artificial Intelligence Foundations	3	
COM 200	AI, Data, and Communications	3	
Certificate in AI Management		**(9)**	
PHIL 381	Artificial Intelligence, Philosophy and Ethics	3	
or DS 261	Ethics and Privacy in Data Science		
or PHIL 372	Ethics of Technology and Communication		
BUS 432	Artificial Intelligence in Business	3	
DS 151	Introduction to Data Science	3	
List Mathematics Requirements			
Mathematics Requirements			**(6)**
Select two courses at the level of MATH 119 or above including PSYC 203 or BUS 221			6
List Science Requirements			
Natural Sciences Requirements			**(10)**
See Illinois Tech Core Curriculum, section D			10
List Computer Science Requirements			
Computer Science Requirement			**(2)**
CS 105	Introduction to Computer Programming		2
or CS 110	Computing Principles		

List Humanities and Social Sciences Requirements		
Humanities/ Social Science Requirements	**(9)**	**9**
List Interprofessional Project (IPRO) Requirements		
Interprofessional Projects		**(6)**
See Illinois Tech Core Curriculum, section E		6
List Technical Elective Course Options		
List Free Elective Credit Hours (if applicable)	36	

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

Year 1

Semester 1	Credit Hours	Semester 2	Credit Hours
LCHS 100	2	PS 313	3
SSCI 106	3	Natural Science or Engineering Elective	4
MATH 130 or 148	3	PSYC 203 or BUS 221	3-4
Humanities 200-level course	3	Switch Credits	3
Free elective	3	Free elective	3
	14		16-17

Year 2

Semester 1	Credit Hours	Semester 2	Credit Hours
SSCI 209	3	CS 105	2
Public Policy Free Elective	3	Public Policy Free Elective	3
Natural Science or Engineering Elective	3	Natural Science or Engineering Elective	3
Switch Credits	3	Humanities elective (300+)	3
Social Sciences Elective	3	Switch Credits	3
Free elective	3	Free elective	3
	18		17

Year 3

Semester 1	Credit Hours	Semester 2	Credit Hours

SSCI 486	3	Humanities elective (300+)	3
Public Policy Free Elective	3	IPRO elective	3
Switch Credits	3	Switch Credits	3
Free elective	3	Social Sciences Elective (300+)	3
Free elective	3	Free elective	3
		Free elective	3
	15		18

Year 4

Semester 1	Credit Hours	Semester 2	Credit Hours
IPRO elective	3	SSCI 493	3
Public Policy Free Elective	3	Public Policy Free Elective	3
Social Sciences Elective (300+)	3	Humanities or Social Science elective	3
Free elective	3	Free elective	3
Free elective	3	Free elective	3
	15		15

Total Credit Hours: 128-129

Reviewer Comments

Ayesha Qamer (aqamer) (03/11/26 4:30 pm): 3/11/2026, AQ: Added program code

Joseph Gorzkowski (jgorzkow) (03/12/26 4:47 pm): Rollback: Rollback to remove "Certification" from title.

Key: 703