Date Submitted: 03/05/26 1:34 pm

Viewing: BS-PSYS-1 : Bachelor of Science in Psychology ~~Psychological Science~~

Last approved: 05/07/24 3:12 pm
Last edit: 03/05/26 1:34 pm

Changes proposed by: amoller

Catalog Pages
Using this Program
Bachelor of Science in Psychological Science

Program Status	Active	
Requestor	Name: Arlen Moller ~~Nicole Legate~~	E-mail: amoller@iit.edu ~~nlegate@iit.edu~~
Origination Date	2026-3-5 ~~2024-4-5~~	
Is this an interdisciplinary program?	No	
Is this stem-eligible?	Yes	
Available for direct application?	Yes	
Academic Unit	Psychology	
College	Lewis College of Science and Letters	
Program Title	Bachelor of Science in Psychology ~~Psychological Science~~	
Effective Academic Year	2026 ~~2024~~ - 2027 ~~2025~~	Effective Term Summer 2026
Academic Level	Undergraduate	

7. 01/29/26 5:17 pm Jonathan Larson (larsonjon): Approved for PSYC Chair
8. 01/29/26 5:25 pm Ayesha Qamer (aqamer): Approved for Academic Affairs
9. 01/30/26 12:52 pm Joseph Gorzkowski (jgorzkow): Approved for Undergraduate Academic Affairs
10. 01/30/26 12:56 pm Jennifer deWinter (jdewinter): Approved for LS Dean
11. 02/24/26 2:11 pm Kathiravan Krishnamurthy (kkrishn2): Approved for Undergraduate Studies Committee Chair
12. 03/05/26 12:32 pm Ankit Srivastava (asriva13): Rollback to Initiator
13. 03/05/26 1:47 pm Jonathan Larson (larsonjon): Approved for PSYC Chair

History

1. Oct 25, 2017 by clmig-jwehrheim
2. Nov 8, 2017 by Sarah Pariseau (sparisea)

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?

Program Type   Degree

Degree Type   Bachelor of Science (BS)

CIP Code
  42.2799 - Research and Experimental Psychology, Other.

Is there more than one Academic Unit proposer?

  No

Program Code   BS-PSYS-1

Program Attribute

Total Program Credit Hours   120

Please provide a summary and rationale for the requested program revision.

Summary of changes.

(1) Changing degree name from "Psychological Science" to "Psychology." A search term analysis conducted by the Dean's office revealed that prospective students are more likely to find this program if its title is "Psychology" (vs. "Psychological Science), thus we would like to change the name. No changes are needed with regard to the curriculum or CIP Code.

(2) Please also remove the option to take a course that no longer exists, LCHS100; currently, the only option for completing the Intro to the Profession requirement is PSYC100. Ayesha Qamer has already removed LCHS100 and we also increased the credits for PSYC100 from 2 credits to 3 credits.

(3) Three proposed changes ~~The BS~~ in the BS in Psychology Specialization Tracks. ~~Psychological Science has 33-35 free electives.~~

Background. The BS in Psychology degree program currently includes 4 Specialization tracks (Clinical-Behavioral Health Psychology; Culture and Diversity; Industrial-Organizational Psychology), and Rehabilitation). As part of the Dept of Psychology's review of the "unique selling proposition" (USP) for this program, we identified two additional Specialization tracks that we believe will appeal to prospective students (Digital Psychology and Advanced Research Methods). Furthermore, a review of Specialization Tracks for different ~~We are reducing that number by 6 credits to bring this~~ degree programs revealed that ~~program in line with~~ the number of credits ~~new minimum~~ required for our Specialization Tracks (15 credits) was high, as a result, we a proposing to reduce the number of credits required to 12 credits.

(3.1) Change the credits required to complete the existing 4 specializations tracks from 15 credits to 12 credits.

(3.2) Add the following Specialization Tracks for Digital Psychology and Advanced Research Methods and Statistics. Detailed requirements for completing these Specializations provided below and linked here: https://iit0.sharepoint.com/:w:/t/UGProgramsCommittee/IQA3KyV2QM0BQZOfiLwfcTEeAY377XGk9F4DN7k4rYqFyps?e=lphi2Q

(3.3) On the program page, in the description of these Specializations, we'd like to clarify that up to one course may be counted toward two Specializations (for those students seeking to complete more than one Specialization). This rule was confirmed by UGAA staff member, Mary

Haynes, on February 11, 2026.

_____

Digital Psychology Specialization

A minimum of 12 credit hours is required for this specialization. Note that courses taken in the required core psychological science curriculum cannot be counted towards specialization requirements. Only 6 credit hours in a specialization may be taken in a field outside of psychology.

PSYC380 Special Topics* (related to digital psychology) 3 credits
PSYC409 Psych Testing 3 credits
PSYC423 Learning Theory 3 credits
PSYC426 Cognitive Science 3 credits
PSYC485 Capstone 3 credits
PSYC 462 Behavior Design & User Testing 3 credits
ITMD362 / PSYC 362 Human-Computer Interaction and Web Design 3 credits
Humanities (max 3 credits)
COM 372 Mass Media and Society 3 credits
COM 382 Social Media and Society

COM 383
Social Networks 3 credits
COM 438 Technical Exhibit Design
3 credits
COM 380 User Experience
3 credits
COM 380 Data visualization and the art of story telling 3 credits
Social Sciences (max 3 credits)
SSCI 378 Innovation Policy
3 credits
SSCI 381 Computational Social Science
3 credits
SOC 362 Technology and Social Change
3 credits

Note. PSYC380 (Special Topics), PSYC497 (Special Projects), COM380 (Special Topics) and other customizable courses may be applied to this specialization with approval from the Dept of Psych Undergraduate Program Director.

_____

Advanced Research Methods and Statistics Specialization

A minimum of 12 credit hours is required for this specialization. Note that courses taken in the required core psychological science curriculum (i.e., PSYC203 and PSYC204) cannot be counted towards specialization requirements. Only three credit hours in a specialization may be taken in a field outside of psychology.

PSYC320 Applied Correlation and Regression 3 credits
PSYC380 Special Topics* (related to research methods or statistics) 3 credits
PSYC409 Psych Testing 3 credits
PSYC 462 Behavior Design & User Testing 3 credits
PSYC485 Capstone* (related to research methods or statistics) 3 credits
To register for graduate level psychology courses (500-level) students must first earn an A in PSYC203, at least one other stats-heavy course, get permission from the Program Chair
PSYC545 Grad Stats 1 3 credits
PSYC546 Grad Stats 2 3 credits
PSYC571 Structural Equation Modeling 3 credits
PSYC530 Meta Analysis 3 credits
PSYC511 Psychometric Theory 3 credits
Social Sciences (max 3 credits)
SSCI 209 Social Science Research Methods 3 credits
SSCI 225 Intro to Geographic Information Systems 3 credits
SSCI 325 Intermediate Geographic Information Systems 3 credits
SSCI 381 Computational Social Science 3 credits
SSCI 386 Qualitative Social Science Research Methods 3 credits
SSCI 387 Fieldwork Methods 3 credits
SSCI 480 Introduction to Survey Methodology 3 credits
SSCI 486 Program Evaluation 3 credits
Data Science (max 3 credits)
DS 151 Intro to Data Science 3 credits
DS 261 Ethics and Privacy in Data Science 3 credits
Applied Math (max 3 credits)
MATH 425 Statistical Methods 3 credits
Informational Technology & Management (max 3 credits)
ITMD 321 Data Modeling and Applications 3 credits

Note. Students must complete at least two statistics courses (e.g., PSYC203 and PSYC320 or equivalent courses determined by the Dept of Psychology Undergraduate Programs Director) before enrolling in PSYC545 (Graduate Statistics I)

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.

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.

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.

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.

Admission Entry Details

What are the enrollment estimates?

Year 1   Year 2   Year 3

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?

Program Resources

Which program resources are necessary to offer this program?

Proposed Catalog Entry

Admission Requirements

Course Requirements

Required Courses

Psychological Science Requirements		(31)
PSYC 100	Introduction to the Profession	3
PSYC 204	Research Methods in Behavioral Science	4
PSYC 221	Introduction to Psychological Science	3
PSYC 301	Industrial Psychology	3
or PSYC 303	Introduction to Psychopathology	
PSYC 310	Social Psychology	3
PSYC 320	Applied Correlation and Regression	3
or PSYC 409	Psychological Testing	
Choose four of the following upper-level psychological science courses		12
PSYC 312	Human Motivation and Emotion	3
PSYC 414	Neural and Biological Bases of Behavior	3
PSYC 423	Learning Theory	3
PSYC 426	Cognitive Science	3

PSYC 435	Child Development		3
PSYC 436	Adult Development		3
PSYC 485	Senior Capstone Project I		3
Psychology Electives			**(15)**
Choose 15 credit hours of psychology courses at 300- or 400-level [1,2]			15
Mathematics Requirements			**(7)**
At least three credit hours of MATH 122 or above			3
PSYC 203	Undergraduate Statistics for the Behavioral Sciences		4
Computer Science Requirement			**(2)**
CS 105	Introduction to Computer Programming		2
or CS 110	Computing Principles		
Natural Sciences Requirements			**(10-11)**
See Illinois Tech Core Curriculum, section D			10-11
Humanities and Social Sciences Requirements			**(21)**
See Illinois Tech Core Curriculum, sections B and C			21
Interprofessional Projects (IPRO)			**(6)**
See Illinois Tech Core Curriculum, section E			6
Free Electives			**(28-29)**
~~Select 27-29 credit hours [2]~~			~~27-29~~
Select 28-29 credit hours [2]			28-29

Minimum degree credits required: 120

[1]

15 credit hours of psychology electives are required (chosen from any psychology course at the 300- or 400-level that is not part of the required core courses), or 15 credit hours in a specialization. Note that courses taken in the required core psychological science curriculum cannot be counted towards specialization requirements. Only six credit hours in a specialization may be taken in a field outside of psychology.

[2]

A maximum of three credit hours of PSYC 497 can be earned in any given semester. A maximum of six credit hours of PSYC 497 can be applied as psychology electives. Additional PSYC 497 credit hours may be applied as free electives.

Sample Curriculum/
Program
Requirements

Bachelor of Science in Psychology ~~Psychological~~

Science Curriculum

			Year 1
Semester 1	Credit Hours	Semester 2	Credit Hours
PSYC 100	3	PSYC 301 or 303	3
PSYC 221	3	Science Elective	3
Humanities 200-level Course	3	Science Lab Elective	1
Science Elective	3	Social Sciences Elective	3
Science Lab Elective	1	Humanities or Social Sciences Elective	3
Mathematics Elective[1]	3	Free Elective	3
	16		16

			Year 2
Semester 1	Credit Hours	Semester 2	Credit Hours
PSYC 203	4	PSYC 204	4
PSYC 310	3	Social Sciences Elective (300+)	3
Science Elective	3	Social Sciences Elective (300+)	3
Humanities Elective (300+)	3	Free Elective	3
Humanities Elective (300+)	3	Free Elective	3
	16		16

			Year 3
Semester 1	Credit Hours	Semester 2	Credit Hours
PSYC 320 or 409	3	Upper-level psychology course[2]	3
Upper-level Psychology course[2]	3	Psychology Elective[3]	3
Psychology Elective[3]	3	CS 105 or 110	2
Free Elective	3	IPRO Elective I	3
		Free Elective	3
	12		14

			Year 4
Semester 1	Credit Hours	Semester 2	Credit Hours
Upper-level psychology course[2]	3	Psychology Elective[3]	3
Upper-level psychology course[2]	3	Psychology Elective[3]	3
Psychology Elective[3]	3	IPRO Elective	3
Free Elective	3	Free Elective	3
Free Elective	3	Free Elective	3
	15		15

Total Credit Hours: 120

[1]

At least three credit hours of MATH 122 or above.

[2]

Students must complete 4 out of 8 upper-level psychology electives: PSYC 312, PSYC 414, PSYC 423, PSYC 426,

PSYC 435, PSYC 436, PSYC 485. For PSYC 485, the capstone project must be approved by capstone faculty mentor.

3

15 credit hours of psychology electives are required (chosen from any psychology course at the 300- or 400-level that is not part of the required core courses), or 15 credit hours in a specialization. Note that courses taken in the required core psychological science curriculum cannot be counted towards specialization requirements. Only six credit hours in a specialization may be taken in a field outside of psychology.

Specialization Requirements

Psychology ~~Psychological Science~~ Specializations

Clinical/Behavioral Health Psychology ~~Psychology~~

A minimum of 12 ~~15~~ credit hours is required for this specialization. Note that courses taken in the required core psychological science curriculum cannot be counted towards specialization requirements. Only six credit hours in a specialization may be taken in a field outside of psychology.

PSYC 303	Introduction to Psychopathology	3
PSYC 330	Health Psychology	3
Select three courses from the following:		9
PSYC 360	Clinical Psychology: Assessment and Treatment	3
PSYC 435	Child Development	3
PSYC 436	Adult Development	3
PSYC 460	Child and Adolescent Disorders	3
PSYC 465	Behavior Change Principles and Practice	3

Culture and Diversity

A minimum of 12 ~~15~~ credit hours is required for this specialization. Note that courses taken in the required core psychological science curriculum cannot be counted towards specialization requirements. Only six credit hours in a specialization may be taken in a field outside of psychology.

Select five courses from the following:		15
PSYC 350	Prejudice and Stigma	3
PSYC 355	Cross-Cultural Psychology	3
PSYC 411	Medical Aspects of Disabling Conditions	3
PSYC 412	Multicultural and Psychosocial Issues in Rehabilitation and Mental Health Counseling	3

SSCI 220	Global Chicago	3
SSCI 321	Social Inequality	3
SSCI 323	Problems of Multi-Ethnic, Multi-Religious States	3

Industrial/Organizational Psychology

A minimum of 12 ~~15~~ credit hours is required for this specialization. Note that courses taken in the required core psychological science curriculum cannot be counted towards specialization requirements. Only six credit hours in a specialization may be taken in a field outside of psychology.

PSYC 301	Industrial Psychology	3
Select four courses from the following:		12
PSYC 320	Applied Correlation and Regression	3
PSYC 355	Cross-Cultural Psychology	3
PSYC 409	Psychological Testing	3
PSYC 455	Development and Evaluation of Training in Organizations	3
PSYC 481	Groups and Leadership at Work	3

Rehabilitation

A minimum of 15 credit hours is required for this specialization. Note that courses taken in the required core psychological science curriculum cannot be counted towards specialization requirements. Only six credit hours in a specialization may be taken in a field outside of psychology.

PSYC 410	Introduction to Rehabilitation and Mental Health Counseling	3
PSYC 411	Medical Aspects of Disabling Conditions	3
PSYC 412	Multicultural and Psychosocial Issues in Rehabilitation and Mental Health Counseling	3
PSYC 583	Rehabilitation Engineering Technology I: Survey of Interdisciplinary Application of RET	3
PSYC 590	Psychiatric Rehabilitation	3

Digital Psychology

A minimum of 12 credit hours is required for this specialization. Note that courses taken in the required core psychological science curriculum cannot be counted towards specialization requirements. Only six credit hours in a specialization may be taken in a field outside of psychology.

PSYC 380	Topics in Psychology	3
PSYC 409	Psychological Testing	3
PSYC 423	Learning Theory	3

PSYC 426	Cognitive Science	3
PSYC 485	Senior Capstone Project I	3
PSYC 462	Behavior Design & User Testing	3
PSYC 362	Human-Computer Interaction and Web Design	3
COM 372	Mass Media and Society	3
COM 382	Social Media and Society	3
COM 438	Exhibit Desisgn	3
COM 380	Topics in Communication	3
SSCI 378	Innovation Policy	3
SSCI 381	Computational Social Science	3
SOC 362	Technology and Social Change	3

Advanced Research Methods and Statistics

A minimum of 12 credit hours is required for this specialization. Note that courses taken in the required core psychological science curriculum **(i.e., PSYC203 and PSYC204) cannot be counted towards specialization requirements.** Only three credit hours in a specialization may be taken in a field outside of psychology.

PSYC 320	Applied Correlation and Regression	3
PSYC 380	Topics in Psychology	3
PSYC 409	Psychological Testing	3
PSYC 462	Behavior Design & User Testing	3
PSYC 485	Senior Capstone Project I	3
PSYC 545	Graduate Statistics I	3
PSYC 546	Graduate Statistics II	3
PSYC 571	Structural Equation Modeling	3
PSYC 530	Meta-Analysis	3
PSYC 511	Psychometric Theory	3
SSCI 209	Social Science Research Methods	3
SSCI 225	Introduction to Geographic Information Systems	3
SSCI 325	Intermediate Geographic Information Systems	3
SSCI 381	Computational Social Science	3
SSCI 386	Qualitative Social Science Research Methods	3
SSCI 387	Fieldwork Methods	3
SSCI 480	Introduction to Survey Methodology	3

SSCI 486	Program Evaluation	3
DS 151	Introduction to Data Science	3
DS 261	Ethics and Privacy in Data Science	3
MATH 425	Statistical Methods	3
ITMD 321	Data Modeling and Applications	3
PSYC 410	Introduction to Rehabilitation and Mental Health Counseling	3
PSYC 411	Medical Aspects of Disabling Conditions	3
PSYC 412	Multicultural and Psychosocial Issues in Rehabilitation and Mental Health Counseling	3
PSYC 583	Rehabilitation Engineering Technology I: Survey of Interdisciplinary Application of RET	3
PSYC 590	Psychiatric Rehabilitation	3

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.

1. Students will appropriately apply basic research methods in psychology, including research design, data analysis, and interpretation.

2. Students will be able to describe key concepts, principles and applications of psychology.

3. Students will demonstrate effective written communication to scientific and professional audiences.

Upload your

Undergraduate Program Requirements

What courses will
factor the major
GPA?

Undergraduate Degree Requirements

Minimum credit   120
hours

Specialization
required?
  Optional

Notes about
specialization
requirement

Minor required?
  No

Proposed General Curriculum

Degree credit hours   120
required

Specialization   15
credit hour
requirement

List Major Course
Requirements

List Mathematics
Requirements

Math

List Science

Requirements	
List Computer Science Requirements	
List Humanities and Social Sciences Requirements	
List Interprofessional Project (IPRO) Requirements	
List Technical Elective Course Options	
List Free Elective Credit Hours (if applicable)	30
Semester-by-semester plan of study for the degree program	

Specialization

Reviewer Comments

Ayesha Qamer (aqamer) (01/26/26 4:34 pm): Rollback: Please revise the required courses section and sample curriculum as there is a course that does not exist LCHS 100 that should be removed or replaced with another course.

Ayesha Qamer (aqamer) (01/27/26 3:19 pm): Rollback: roll back request via email

Ayesha Qamer (aqamer) (01/29/26 3:57 pm): Rollback: Rolling back per my email that was just sent.

Please see details via email as PSYC 100 should be consistent with the credit hours listed as well as removing LCHS 100 from the sample curriculum.

Arlen Moller (amoller) (03/04/26 2:46 pm): At the moment, it looks like I am blocked from submitting a new revision to the program because a prior revision is still working its way through the CIM approval system. When I view the approval path on the right hand side of CIM it currently says: 02/24/26 2:11 pm, Kathiravan Krishnamurthy (kkrishn2): Approved for Undergraduate Studies Committee Chair If possible, I would like to add the following changes to the BS in Psychology program's Specialization Tracks that were unanimously approved today by our Dept's 5 member UG programs committee. Proposed changes to BS in Psychology Specialization Tracks v2.docx If there's a way to allow me to add these changes to CIM, I'm very happy to do that! Reaching about because I know that we are short on time. All the best, Arlen

Ankit Srivastava (asriva13) (03/05/26 12:32 pm): Rollback: Requested by Arlen