

# New Program Proposal

Date Submitted: 03/20/23 6:21 pm

## Viewing: **BS-BPSY : Bachelor of Science in Business and Psychology**

Last edit: 03/22/23 6:21 pm

Changes proposed by: rcalia

Program Status	Active		
Requestor	Name	Roland Calia	E-mail
	rcalia@stuart.iit.edu		
Origination Date	2023-3-20		
Is this an interdisciplinary program?	No		
Academic Unit	Business Administration		
College	Stuart School of Business		
Program Title	Bachelor of Science in Business and Psychology		
Effective Academic Year	2023 - 2024	Effective Term	
	Fall 2023		
Academic Level	Undergraduate		
Program Type	Degree		
Degree Type	Bachelor of Science (BS)		
CIP Code			

### 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. 03/10/23 6:01 pm  
M Krishna Erramilli (krish): Approved for SB Associate Dean
2. 03/17/23 3:39 pm  
Patty Johnson Winston (winston): Approved for Academic Affairs
3. 03/17/23 4:00 pm  
Joseph Gorzkowski (jgorzkow): Approved for Undergraduate Academic Affairs
4. 03/20/23 4:20 pm  
Patty Johnson Winston (winston): Rollback to Initiator

5. 03/20/23 9:01 pm  
M Krishna Erramilli  
(krish): Approved  
for SB Associate  
Dean
6. 03/22/23 6:22 pm  
Patty Johnson  
Winston (winston):  
Approved for  
Academic Affairs
7. 03/23/23 10:32 am  
Joseph Gorzkowski  
(jgorzkow):  
Approved for  
Undergraduate  
Academic Affairs
8. 03/24/23 3:15 pm  
Lauren Woods  
(lwoods1):  
Approved for  
Director of  
Assessment
9. 03/24/23 3:15 pm  
Liad Wagman  
(lwagman):  
Approved for SB  
Dean

30.1701 - Behavioral Sciences.

Is there more than one Academic Unit proposer?

No

Program Code            BS-BPSY

Program Attribute

Total Program            126  
Credit Hours

## **Program Narrative and Justification**

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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 initiative by a governmental entity, provide details of that initiative.

This program is part of the undergraduate program incubator.

See [https://docs.google.com/document/d/1e5Mlgsk\\_Fh4CJgkSBxhUjW--KqFrzZa3QMAYNd8uDO0/edit](https://docs.google.com/document/d/1e5Mlgsk_Fh4CJgkSBxhUjW--KqFrzZa3QMAYNd8uDO0/edit)

The Bachelor of Science in Business and Psychology degree is an innovative STEM designated cross-disciplinary program that educates students in business and psychology and the interface between the two disciplines. The scope and sequence of psychology courses provide students with a foundation in the interdisciplinary science of psychology, including statistics and research, social psychology, developmental psychology, cognition, and personality. Business courses provide a foundation in economics, accounting, innovation, operations, marketing, strategic management and organizational behavior. Students completing this program should be able to understand the relationships between these two dynamic fields that pertain to explaining and addressing human behavior and business practices.

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.

The Bachelor of Science in Business and Psychology was developed by the Stuart School of Business faculty in consultation with the faculty and leadership of the Department of Psychology in the Lewis College of Science and Letters as well as industry experts and practitioners.

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.

A Bachelor of Science in Business and Psychology degree can provide an excellent preparation for the private sector job markets, particular in the management positions. Students with degree have a relatively high median salary of \$99,000, according to the Bureau of Labor Statistics. The job outlook is good, with job growth projected to increase at a range of 7% annually. Graduates are well prepared to work successfully in a variety of managerial positions across across organizations. See <https://www.bls.gov/ooh/field-of-degree/psychology/psychology-field-of-degree.htm> and <https://www.bls.gov/ooh/management/administrative-services-managers.htm>.

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 Bachelor of Science in Business and Psychology was developed by the Stuart School of Business faculty in consultation with the faculty and leadership of the Department of Psychology in the Lewis College of Science and Letters as well as industry experts and practitioners.

What are the enrollment estimates?

Year 1	5	Year 2	7	Year 3	10
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Attach Additional  
Program  
Justification  
Document(s)

## Academic Information

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### Advising

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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 Stuart Undergraduate Program Director.

### Program Resources

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Which program  
resources are  
necessary to offer  
this program?

Personnel  
Facilities

Describe the personnel requirements necessary to offer the program. Describe how and when resources will be made available to hire any additional personnel that are required.

No new personnel will be required.

Describe the facilities requirements necessary to offer the program. Describe how and when resources will be made available to obtain any additional facilities that are required.

No new facilities will be required.

## Proposed Bulletin Entry

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### Admission

#### Requirements

The Bachelor of Science in Business and Psychology degree is an innovative STEM cross-disciplinary program that educates students in business and psychology and the interface between the two disciplines. The scope and sequence of psychology courses provide students with a foundation in the interdisciplinary science of psychology, including statistics and research, social psychology, developmental psychology, cognition, and personality. Business courses provide a foundation in economics, accounting, innovation, operations, marketing, strategic management and organizational behavior. Students completing this program should be able to understand the relationships between these two dynamic fields that pertain to explaining and addressing human behavior and business practices.

#### Course Requirements

##### Business Courses

(42)

##### Required Courses

<a href="#"><u>BUS 100</u></a>	Introduction to Business and Economics	3
<a href="#"><u>BUS 102</u></a>	Computing Tools for Business Analysis	3
<a href="#"><u>ECON 151</u></a>	Microeconomics	3
<a href="#"><u>ECON 152</u></a>	Macroeconomics	3
<a href="#"><u>BUS 211</u></a>	Financial Accounting	3
<a href="#"><u>BUS 212</u></a>	Managerial Accounting	3
<a href="#"><u>BUS 301</u></a>	Organizational Behavior	3
<a href="#"><u>BUS 305</u></a>	Operation and Supply Chain Design	3
<a href="#"><u>BUS 321</u></a>	Optimization and Decision-Making	3
<a href="#"><u>BUS 351</u></a>	Financial Decision-Making	3
<a href="#"><u>BUS 371</u></a>	Marketing Fundamentals	3
<a href="#"><u>BUS 480</u></a>	Strategic Management and Design Thinking	3

Choose 2 elective courses from the following:

6

<a href="#"><u>BUS 302</u></a>	The Business of Sports	
<a href="#"><u>BUS 311</u></a>	Strategic Cost Management	3
<a href="#"><u>BUS 341</u></a>	Business Law	3
<a href="#"><u>BUS 361</u></a>	Entrepreneurship	3
<a href="#"><u>ECON 251</u></a>	Introduction to Econometrics	
<a href="#"><u>ECON 311</u></a>	Intermediate Microeconomics	
<a href="#"><u>ECON 312</u></a>	Intermediate Macroeconomics	
<a href="#"><u>ECON 382</u></a>	Business Economics	
<a href="#"><u>BUS 452</u></a>	International Finance	3
<a href="#"><u>BUS 454</u></a>	Investments	3
<a href="#"><u>BUS 455</u></a>	Corporate Finance	3
<a href="#"><u>BUS 458</u></a>	Financial Derivatives	3
<a href="#"><u>BUS 472</u></a>	New Product Development	3
<a href="#"><u>BUS 473</u></a>	Marketing Research	3
<a href="#"><u>BUS 475</u></a>	Sales Management	3
<a href="#"><u>BUS 476</u></a>	Consumer Behavior	3

Psychology Courses		(28)
Required Psychology Courses		
<a href="#">PSYC 204</a>	Research Methods in Behavioral Science	4
<a href="#">PSYC 221</a>	Introduction to Psychological Science	3
<a href="#">PSYC 301</a>	Industrial Psychology	3
<a href="#">PSYC 303</a>	Introduction to Psychopathology	3
<a href="#">PSYC 310</a>	Social Psychology	3
<a href="#">PSYC 320</a>	Applied Correlation and Regression	3
or <a href="#">PSYC 409</a>	Psychological Testing	
Psychology electives - choose 3 courses from the following:		9
<a href="#">PSYC 250</a>	Introduction to Leadership: Concepts and Practices	3
Any 300 level course or any 400 level Psychology course		
Mathematics Requirement		(7)
<a href="#">MATH 191</a>	Business Calculus	3
or <a href="#">MATH 148</a>	Preparation for Calculus	
or <a href="#">MATH 151</a>	Calculus I	
<a href="#">PSYC 203</a>	Undergraduate Statistics for the Behavioral Sciences	4
Computer Science Requirement		(2)
<a href="#">CS 105</a>	Introduction to Computer Programming	2
or <a href="#">CS 110</a>	Computing Principles	
Natural Science Requirements		(10)
<a href="#">See Illinois Tech Core Curriculum, section D</a>		10
Recommended Courses: <a href="#">PSYC 411</a> , <a href="#">PSYC 414</a>		
Interprofessional Projects (IPRO)		(6)
<a href="#">See Illinois Tech Core Curriculum, section E</a>		6
Humanities and Social Science Requirements		(31)
<a href="#">See Illinois Tech Core Curriculum, section B and C</a>		21
Free Electives		10
Total Credit Hours		126

Sample  
Curriculum/Program  
Requirements

		Year 1	
Semester 1	Credit Hours	Semester 2	Credit Hours
<a href="#">BUS 100</a>	3	<a href="#">BUS 102</a>	3
<a href="#">ECON 151</a>	3	<a href="#">ECON 152</a>	3
Humanities Elective (200 Level)	3	<a href="#">PSYC 221</a>	3
Natural Science Elective	3	Natural Science Elective	3
<a href="#">MATH 148</a>	4	<a href="#">CS 110</a>	2
	16		14
		Year 2	
Semester 1	Credit Hours	Semester 2	Credit Hours
<a href="#">BUS 211</a>	3	<a href="#">BUS 212</a>	3
<a href="#">BUS 321</a>	3	<a href="#">BUS 301</a>	3

Natural Science Elective	4	<a href="#">BUS 351</a>	3
<a href="#">PSYC 203</a>	4	<a href="#">PSYC 204</a>	4
<a href="#">PSYC 301</a>	3	<a href="#">PSYC 310</a>	3
		Social Science Elective	3
	17		19
			Year 3
Semester 1	Credit Hours	Semester 2	Credit Hours
<a href="#">BUS 305</a>	3	<a href="#">PSYC 320</a> or <a href="#">409</a>	3
<a href="#">BUS 371</a>	3	Business Elective	3
<a href="#">PSYC 303</a>	3	PSYC Elective	3
Humanities Elective (300+ Level)	3	Social Science Elective (300+ Level)	3
Social Science Elective (300+ Level)	3	IPRO Elective I	3
	15		15
			Year 4
Semester 1	Credit Hours	Semester 2	Credit Hours
Business Elective	3	<a href="#">BUS 480</a>	3
PSYC Elective	3	PSYC Elective	3
Humanities Elective (300+ Level)	3	Humanities or Social Science Elective	3
Free Elective	3	Free Elective	3
IPRO Elective II	3	Free Elective	3
	15		15
Total Credit Hours: 126			
Specialization Requirements			

## Program Outcomes and Assessment Process

What are the learning goals for this program?

Learning goal	Courses/student work used to assess achievement of this goal
SSB Common Goal 1 a: Oral Communications Skills Students will prepare and deliver oral presentations that are well-structured, technically competent and make good use of aids to support evidence-driven conclusions.	BUS 305
SSB Common Goal 1 b: Written Communications Skills Students will prepare documents in text-based media that are clear, accurate, and appropriate for the intended audience	

**Learning goal****Courses/student work used to assess achievement of this goal**

Business Analytical Skills - Graduates will possess the analytical skills to support business decision making.

BUS 480 and BUS 321

Application of Human Behavior Theories

BUS 301

In what semesters will the data be collected to assess this learning goal, and by whom?

Data will be collected each Fall and Spring Semester by faculty.

Provide the name of the rubric that will be used to assess the extent to which students are achieving this learning goal.

See above

How often and by whom will the data be analyzed? What benchmarks or targets will be used to interpret your results?

Each semester. The data will be analyzed by assigned faculty evaluators. Benchmarks are set by faculty.

Briefly describe the process that will be used to share the results with faculty and use these to motivate program improvement.

The Program Director meets with faculty on a regular basis to evaluate results of evaluations and to develop improvement programs.

Attach Additional Assessment Document(s)



[Application of Human Behavior Theories.xls](#)

[CommonCriticalThinkingFinal.xls](#)

[CommonCommunication Final.xls](#)

[BUS Analytical Skills.xlsx](#)

## Undergraduate Program Requirements

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### Undergraduate Degree Requirements

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Minimum credit hours 126

Specialization required?

No

Minor required?

No

### Proposed General Curriculum

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List Major Course Requirements

#### Business Course Requirements

<a href="#">BUS 100</a>	Introduction to Business and Economics	3
<a href="#">BUS 102</a>	Computing Tools for Business Analysis	3
<a href="#">ECON 151</a>	Microeconomics	3
<a href="#">ECON 152</a>	Macroeconomics	3
<a href="#">BUS 211</a>	Financial Accounting	3
<a href="#">BUS 212</a>	Managerial Accounting	3
<a href="#">BUS 301</a>	Organizational Behavior	3
<a href="#">BUS 305</a>	Operation and Supply Chain Design	3
<a href="#">BUS 321</a>	Optimization and Decision-Making	3
<a href="#">BUS 351</a>	Financial Decision-Making	3
<a href="#">BUS 371</a>	Marketing Fundamentals	3
<a href="#">BUS 480</a>	Strategic Management and Design Thinking	3

#### Psychology Required Courses

<a href="#">PSYC 204</a>	Research Methods in Behavioral Science	4
<a href="#">PSYC 221</a>	Introduction to Psychological Science	3
<a href="#">PSYC 301</a>	Industrial Psychology	3
<a href="#">PSYC 303</a>	Introduction to Psychopathology	3
<a href="#">PSYC 310</a>	Social Psychology	3
<a href="#">PSYC 320</a>	Applied Correlation and Regression	3
or <a href="#">PSYC 409</a>	Psychological Testing	

Total Credit Hours

55

List Mathematics Requirements		
<a href="#">MATH 191</a>	Business Calculus	3
or <a href="#">MATH 148</a>	Preparation for Calculus	
or <a href="#">MATH 151</a>	Calculus I	
<a href="#">PSYC 203</a>	Undergraduate Statistics for the Behavioral Sciences	4
Total Credit Hours		7
List Science Requirements		
See Illinois Tech Core Curriculum, section D		10
<a href="https://bulletinnext.iit.edu/undergraduate/undergraduate-education/core-curriculum/#core_d">https://bulletinnext.iit.edu/undergraduate/undergraduate-education/core-curriculum/#core_d</a>		
Recommended courses: <a href="#">PSYC 411</a> , PSCY 414		
Total Credit Hours		10
List Computer Science Requirements		
<a href="#">CS 105</a>	Introduction to Computer Programming	2
or <a href="#">CS 110</a>	Computing Principles	
Total Credit Hours		2
List Humanities and Social Sciences Requirements		
Humanities and Social Science Requirements		
<a href="https://bulletinnext.iit.edu/undergraduate/undergraduate-education/core-curriculum/#core_b">https://bulletinnext.iit.edu/undergraduate/undergraduate-education/core-curriculum/#core_b</a>		21
Total Credit Hours		21
List Interprofessional Project (IPRO) Requirements		
Interprofessional Projects (IPRO)		6
<a href="https://bulletinnext.iit.edu/undergraduate/undergraduate-education/core-curriculum/#core_e">https://bulletinnext.iit.edu/undergraduate/undergraduate-education/core-curriculum/#core_e</a>		
Total Credit Hours		6
List Technical Elective Course Options		
Business Electives - Choose 2 from the following courses		6
<a href="#">BUS 100</a>	Introduction to Business and Economics	3
<a href="#">BUS 102</a>	Computing Tools for Business Analysis	3
<a href="#">ECON 151</a>	Microeconomics	3
<a href="#">ECON 152</a>	Macroeconomics	3
<a href="#">BUS 211</a>	Financial Accounting	3
<a href="#">BUS 212</a>	Managerial Accounting	3
<a href="#">BUS 301</a>	Organizational Behavior	3
<a href="#">BUS 305</a>	Operation and Supply Chain Design	3
<a href="#">BUS 321</a>	Optimization and Decision-Making	3

<a href="#">BUS 351</a>	Financial Decision-Making		3
<a href="#">BUS 371</a>	Marketing Fundamentals		3
<a href="#">BUS 480</a>	Strategic Management and Design Thinking		3
Total Credit Hours			6
List Free Elective Credit Hours (if applicable)	10		
Semester-by-semester plan of study for the degree program			
			Year 1
Semester 1	Credit Hours	Semester 2	Credit Hours
<a href="#">BUS 100</a>	3	<a href="#">BUS 102</a>	3
<a href="#">ECON 151</a>	3	<a href="#">ECON 152</a>	3
Humanities Elective (200 Level)	3	<a href="#">PSYC 221</a>	3
Natural Science Elective	3	Natural Science Elective	3
<a href="#">MATH 148</a>	4	<a href="#">CS 110</a>	2
	16		14
			Year 2
Semester 1	Credit Hours	Semester 2	Credit Hours
<a href="#">BUS 211</a>	3	<a href="#">BUS 212</a>	3
<a href="#">BUS 321</a>	3	<a href="#">BUS 301</a>	3
Natural Science Elective	4	<a href="#">BUS 351</a>	3
<a href="#">PSYC 203</a>	4	<a href="#">PSYC 204</a>	4
<a href="#">PSYC 301</a>	3	<a href="#">PSYC 310</a>	3
		Social Science Elective	3
	17		19
			Year 3
Semester 1	Credit Hours	Semester 2	Credit Hours
<a href="#">BUS 305</a>	3	<a href="#">PSYC 320</a> or <a href="#">409</a>	3
<a href="#">BUS 371</a>	3	Business Elective	3
<a href="#">PSYC 303</a>	3	PSYC Elective	3
Humanities Elective (300+ Level)	3	Social Sciences Elective (300+)	3
Social Sciences Elective (300+)	3	I PRO Elective I	3
	15		15
			Year 4
Semester 1	Credit Hours	Semester 2	Credit Hours
Business Elective	3	<a href="#">BUS 480</a>	3
PSYC Elective	3	PSYC Elective	3
Humanities Elective (300+ Level)	3	Humanities or Social Science Elective	3

Free Elective	3	Free Elective	3
IPRO Elective II	3	Free Elective	3
	15		15
Total Credit Hours: 126			

Reviewer

Comments

**Patty Johnson Winston (winston) (03/17/23 3:21 pm):** 3/17/2023, PJW: Added Program code, URL links to Course Requirements Table, and Plan of Study to Sample Curriculum Table

**Patty Johnson Winston (winston) (03/20/23 4:20 pm):** Rollback: Rollback per request of Roland Calia.

**Lauren Woods (lwoods1) (03/24/23 3:14 pm):** While assessment of general program learning goals are listed, consideration might be given to also assess the specific goal listed in the program description to "understand the relationships between these two dynamic fields".