

Student: \_\_\_\_\_ PUID: \_\_\_\_\_ Catalog Term: Fall 2019

Additional Majors: \_\_\_\_\_ Minors: \_\_\_\_\_

**Major Requirements (36 credits)**

**A cumulative GPA of 2.3 is required for all PSY courses used to meet major (Areas A-C) requirements**

**A) Required Courses 9 credits**

- \_\_\_\_(3) PSY 12000 Elementary Psychology [**Satisfies Behavioral/Social Science Core**]
- \_\_\_\_(3) PSY 20100 Introduction to Statistics in Psychology (prerequisite: PSY 12000 and MA 15300; both with grade of C- or higher)
- \_\_\_\_(3) PSY 20300 Introduction to Research Methods in Psychology (prerequisite: PSY12000 with grade of C- or higher)

**B) Select two courses from each of the following groups for total of 12 credits**

**B1)**

- \_\_\_\_(3) PSY 20000 Introduction to Cognitive Psychology (prerequisite: PSY 12000)
- \_\_\_\_(3) PSY 20200 Introduction to Quantitative Topics in Psychology (prerequisite: PSY 20100)
- \_\_\_\_(3) PSY 22200 Introduction to Behavioral Neuroscience (prerequisite: PSY 12000)
- \_\_\_\_(3) PSY 31400 Introduction to Learning (prerequisite: PSY 20300)

**B2)**

- \_\_\_\_(3) PSY 23500 Child Psychology (prerequisite: PSY 12000)
- \_\_\_\_(3) PSY 24000 Introduction to Social Psychology (prerequisite: PSY 12000)
- \_\_\_\_(3) PSY 27200 Introduction to Industrial-Organizational Psychology (prerequisite: PSY 12000) (if selected, satisfies Management & Leadership Selective)
- \_\_\_\_(3) PSY 35000 Abnormal Psychology (prerequisite: PSY 12000)

**Advanced Content List**

- PSY 30600 Understanding and Analyzing Experiments (prerequisite: PSY 20100 and PSY 20300, B- or higher)
- PSY 31000 Sensory and Perceptual Processes (prerequisite: PSY 20000 and PSY 20100)
- PSY 31100 Human Memory (prerequisite: PSY 20000)
- PSY 32400 Introduction to Cognitive Neuroscience (prerequisite: PSY 20000)
- PSY 35200 Introduction to Neuropsychology
- PSY 37600 Attention and Cognitive Control
- PSY 40300 Psycholinguistics (prerequisite: PSY 20100 and PSY 20300)
- PSY 40400 Honors Research Seminar I (permission required)
- PSY 40500 Honors Research Seminar II (permission required)
- PSY 41800 Understanding Autism
- PSY 42100 Alcohol Use and Disorders (prerequisite: PSY 22200)
- PSY 42200 Genes and Behavior (prerequisite: PSY 22200)
- PSY 42800 Drugs and Behavior (prerequisite: PSY 22200)
- PSY 42900 Hormones and Behavior (prerequisite: PSY 22200)
- PSY 43400 Neurobiology of Disease (prerequisite: PSY 22200)
- PSY 43600 Foods and Behavior (prerequisite: PSY 12000 and PSY 20300)
- PSY 46400 Research Ethics in Psychological Sciences
- PSY 48400 Psychology of Consciousness (prerequisite: PSY 12000)
- PSY 51200 Neural Systems (prerequisite: BIOL 23000 or BIOL 23100)
- PSY 57700 Human Factors in Engineering
- PSY 58100 Neuroethics
- PSY 39000\*\* Research Experience in Psychology (3 credits) **OR**  
PSY 49800 Senior Research (3 credits)  
\*\*Only **one** PSY 39000 or 49800 course counts towards this

**C) Select five 3-credit courses from the Advanced Content List**

*Courses numbered 30000 or higher from locations other than Purdue-WL cannot be used to satisfy requirement C unless the outside course has been officially designated as equivalent to an approved Purdue-WL PSY course numbered 30000 or higher; other courses will be reviewed for approval on an ad hoc basis.*

- \_\_\_\_(3) PSY \_\_\_\_\_
- \_\_\_\_(3) PSY \_\_\_\_\_
- \_\_\_\_(3) PSY \_\_\_\_\_
- \_\_\_\_(3) PSY \_\_\_\_\_
- \_\_\_\_(3) PSY \_\_\_\_\_

**Other Departmental / Program Course Requirements (40-76 credits)**

**D) Select two courses for a total of 5-9 credits from**

**FOUNDATIONS in Natural Sciences, Mathematics & Information Technology List**

**Courses selected must be from two different groups. At least one course from Areas D or E must be a lab natural science course.**

- \_\_\_\_( ) Group \_\_\_\_\_
- \_\_\_\_( ) Group \_\_\_\_\_

**E) Select at least 9 credits from ADDITIONAL STUDY in Natural Sciences, Mathematics, & Information Technology List**

**At least one course from Areas D or E must be a lab natural science course. (9-13 credits)**

- \_\_\_\_( ) \_\_\_\_\_
- \_\_\_\_( ) \_\_\_\_\_
- \_\_\_\_( ) \_\_\_\_\_

Requirements continued on next page

## Cultural/International Diversity Selective

### 0-16 credits

The Cultural/International Diversity requirement may be met by completing **ONE** of the four options listed below:

The Cultural/International Diversity Selective requirement may be waived for international students. See Academic Advisor for guidelines and approval

**Option 1.** Proficiency through level IV in any one foreign language.

- \_\_\_(3-4) \_\_\_\_\_ 10100                      Select from American Sign Language, Arabic, Chinese, French, German, Greek,  
\_\_\_(3-4) \_\_\_\_\_ 10200                      Hebrew, Italian, Latin, Japanese, Portuguese, Russian, or Spanish.  
\_\_\_(3-4) \_\_\_\_\_ 20100  
\_\_\_(3-4) \_\_\_\_\_ 20200

**Option 2.** Proficiency through level III in any one foreign language AND a course from Cultural/International Diversity Selective list.

- \_\_\_(3-4) \_\_\_\_\_ 10100  
\_\_\_(3-4) \_\_\_\_\_ 10200  
\_\_\_(3-4) \_\_\_\_\_ 20100  
\_\_\_(3) \_\_\_\_\_ select a course from Cultural/International Diversity Selective list

**Option 3.** Two courses in any one foreign language AND an approved study abroad experience of at least 6 weeks in duration, which

- Must take place outside the United States
- Have significant immersion in the local culture and language independent of any U.S.-based program in which the student may be participating.

- \_\_\_(3-4) \_\_\_\_\_ 10100  
\_\_\_(3-4) \_\_\_\_\_ 10200  
\_\_\_ ( ) \_\_\_\_\_ Study Abroad Experience

**Option 4.** An approved semester length (Fall/Spring) study abroad experience which satisfies the following criteria:

- Must take place outside the United States
- Have significant immersion in the local culture and language independent of any U.S.-based program in which the student may be participating.

- \_\_\_( ) \_\_\_\_\_ Study Abroad Experience

- \_\_\_(3) COM 11400 Fundamental of Speech Communication [**fulfills Oral Communication Core**]  
\_\_\_(3-4) ENGL 10600 First-Year Composition or ENGL 10800 Accelerated First-Year Composition or HONR 19903  
Interdisciplinary Approaches to Writing [**Satisfies Information Literacy and Written Communication Cores**]  
\_\_\_(3) \_\_\_\_\_ **Economics/Finance Selective** – *select from list*  
\_\_\_(3-4) \_\_\_\_\_ **[Humanities Core]** – *select from University list*  
**(IF a foreign language is chosen for Cultural/International Diversity Selective, this requirement is satisfied.)**  
\_\_\_(3) \_\_\_\_\_ **Management & Leadership Selective** – *select from list*  
**(IF PSY 27200 is selected for BBS Major Area B, this requirement is satisfied.)**  
\_\_\_(3-5) \_\_\_\_\_ **[Quantitative Reasoning Core]** MA 15300 Algebra & Trigonometry I (prerequisite: ALEKS Math  
Assessment = 045) **OR** select any course from University list **EXCEPT** MA 13800, MA 15555,  
MA 19000, or PHIL 15000  
**(IF a Group 2 course is chosen for BBS Major Area D, this requirement is satisfied.)**  
\_\_\_(2-5) \_\_\_\_\_ **[Science Core]** – *select from University list* (Recommend [S] course from Area D or E.  
**IF** a [S] course is selected for BBS Major Area D, this requirement is satisfied.)  
\_\_\_(2-5) \_\_\_\_\_ **[Science Core]** – *select from University list* (Recommend [S] course from Area D or E.  
**IF** a [S] course is chosen for BBS Major Area E, this requirement is satisfied.)  
\_\_\_(1-3) \_\_\_\_\_ **[Science, Technology & Society Core]** - *select from University list* (Recommend [STS] course from  
Area D or E. **IF** a [STS] course is chosen for BBS Major Area D or E, or for Social Ethics Selective, this  
requirement is satisfied.)  
\_\_\_(3) \_\_\_\_\_ **Social Ethics Selective** – *select from list*  
**(IF PSY 46400 or PSY 58100 is selected for BBS Major Area C, this requirement is satisfied.)**

Courses that satisfy Core requirements may also be used to satisfy Selective requirements, if applicable.

Courses that satisfy major requirements (Areas A-C) may also be used to satisfy Selective requirements, if applicable.

Courses that satisfy major requirements (Areas A-E) may also be used to satisfy Core requirements, if applicable.

## **Electives (8-44 credits)**

____ ( ) _____	____ ( ) _____	____ ( ) _____	____ ( ) _____
____ ( ) _____	____ ( ) _____	____ ( ) _____	____ ( ) _____
____ ( ) _____	____ ( ) _____	____ ( ) _____	____ ( ) _____
____ ( ) _____	____ ( ) _____	____ ( ) _____	____ ( ) _____
____ ( ) _____	____ ( ) _____	____ ( ) _____	____ ( ) _____

**At least 32 credits of coursework from Purdue University required at 30000 level or higher.**

**120 semester credits required for Bachelor of Science degree**

**Students may NOT major in both Psychological Sciences (PSYS) and Brain & Behavioral Sciences (BBS).**

University Foundational Learning Outcomes (Core) List: <https://www.purdue.edu/provost/initiatives/curriculum/course.html>

-----

## **BRAIN AND BEHAVIORAL SCIENCES SELECTIVE REQUIREMENT LISTS**

### **CULTURAL/INTERNATIONAL DIVERSITY (3 CR IF REQUIRED)**

AAS	27100	Introduction to African-American Studies [H]
	37100	The African American Experience
	37300	Issues in African-American Studies
ANTH	20500	Human Cultural Diversity [BSS]
	21200	Culture, Food & Health
	23000	Gender Across Cultures (30300) [BSS]
	37900	Native American Cultures [BSS]
ASAM	24000	Introduction to Asian American Studies
	34000	Contemporary Issues in Asian American Studies
ASL	28000	American Deaf Community: Language, Culture, and Society
COM	22400	Communicating in the Global Workplace [BSS]
	37600	Communication and Gender
ENGL	25700	Literature of Black America
	36000	Gender and Literature
HDFS	28000	Diversity in Individual and Family Life [BSS]
HIST	10500	Survey of Global History [H]
	21000	The Making of Modern Africa [H]
	24000	East Asia and Its Historic Tradition [H]
	24100	East Asia in the Modern World [H]
	24300	South Asian History and Civilizations [H]
	24500	Introduction to the Middle East History & Culture [H]
	27100	Into to Colonial Latin American History 1492-1810 [H]
	27200	Intro to Modern Latin American History 1810 to present
	34100	History of Africa South of the Sahara
	34200	Africa and the West
	35400	Women in America to 1870 [H]
	37500	Women in America since 1870 [H]
	37700	History and Culture of Native America [H]
	39600	The Afro-American to 1865 [H]
	39800	The Afro-American since 1865 [H]
JWST	33000	Introduction to Jewish Studies [H]
PHIL	22500	Philosophy and Gender
	23000	Religions of the East (or REL 23000) [H]
	24200	Philosophy, Culture & the African-American Experience
POL	13000	Introduction to International Relations [BSS]
	14100	Governments of the World
	22200	Women, Politics, and Public Policy [BSS]
	23100	Intro to United States Foreign Policy [BSS]
PSY	23900	Psychology of Women
	33500	Stereotyping and Prejudice
SOC	31000	Racial and Ethnic Diversity
	33800	Global Social Movements
	33900	Intro to the Sociology of Developing Nations
	45000	Gender Roles in Modern Society
SPAN	23500	Spanish American Literature. in Translation [H]
	33500	Literature of the Spanish-Speaking Peoples in the U.S.
WGSS	28000	Women's Studies: An Introduction [BSS] [H]
	38000	Gender and Multiculturalism [BSS]

### **ECONOMICS/FINANCE COURSES (3 CR)**

AGEC	21700	Economics [BSS]
CSR	10300	Introduction to Personal Finance
	34200	Personal Finance
ECON	21000	Principles of Economics [BSS]
	25100	Microeconomics [BSS]
	25200	Macroeconomics [BSS]

### **MANAGEMENT & LEADERSHIP COURSES (3 CR)**

COM	37500	Conflict & Negotiation
ENR	20000	Introduction to Entrepreneurship and Innovation
MGMT	44301	Management of Human Resources
OLS	25200	Human Relations in Organizations
	27400	Applied Leadership
PSY	27200	Introduction to Industrial-Organizational Psychology

### **SOCIAL ETHICS COURSES (3 CR)**

ENTM	22830	Forensic Testimony and Ethics
PHIL	11100	Ethics [H]
	11400	Global Moral Issues [H]
	27000	Biomedical Ethics [STS]
	28000	Ethics and Animals [H]
	29000	Environmental Ethics [H]
PSY	46400	Research Ethics in Psychological Sciences
	58100	Neuroethics

**(D) FOUNDATIONS in Natural Sciences, Mathematics & Information Technology List (5-9 CR)**

**Group 1**

- BIOL 11000 Fundamentals of Biology I [S]
- BIOL 11100 Fundamentals of Biology II [S]
- BIOL 11200 Fundamentals of Biology [S] **AND**
- BIOL 11300 Fundamentals of Biology [S] **(must take both)**
- BIOL 12100 Biology I: Diversity, Ecology and Behavior [STS] [S]
- BIOL 13100 Biology II: Development, Structure and Function of Organisms [S]
  
- BIOL 20100 Human Anatomy and Physiology [S] **OR**
- BIOL 20300 Human Anatomy and Physiology [S]
- BIOL 20200 Human Anatomy and Physiology [S] **OR**
- BIOL 20400 Human Anatomy and Physiology [S]
- BIOL 22100 Introduction to Microbiology

**Group 2**

- MA 16010 Applied Calculus I [QR]
- MA 16100 Plane Analytic Geometry and Calculus I [QR]
- MA 16500 Analytic Geometry and Calculus I [QR]

**Group 3**

- CNIT 14100 Internet Foundations, Technologies, and Development
- CNIT 15501 Introduction to Software Development Concepts
- CNIT 17500 Visual Programming
- CNIT 17600 Information Technology Architectures
- CS 15900 Programming Applications for Engineers
- CS 17700 Programming with Multimedia Objects
- CS 18000 Problem Solving and Object-Oriented Programming

**(E) ADDITIONAL STUDY in Natural Sciences, Mathematics & Information Technology List (9 CR)**

- AGRY 12500 Environmental Science and Conservation [STS]
- ANSC 10600 Biology Companion Animal
- ANSC 22100 Principles of Animal Nutrition
- ANSC 23000 Physiology of Domestic Animals
- ANSC 30300 Animal Behavior
- ASTR 26300 Descriptive Astronomy: The Solar System [S]
- ASTR 26400 Descriptive Astronomy.: Stars and Galaxies [S]
- BCHM 10000 Introduction to Biochemistry [STS]
- BIOL 11000 Fundamentals of Biology I [S]
- BIOL 11100 Fundamentals of Biology II [S]
- BIOL 11200 Fundamentals of Biology [S] **AND**
- BIOL 11300 Fundamentals of Biology [S] **(must take both)**
- BIOL 12100 Biology I: Diversity, Ecology and Behavior [S]
- BIOL 13100 Biology II: Dev., Structure & Function of Organisms [S]
- BIOL 20100 Human Anatomy and Physiology [S] **OR**
- BIOL 20300 Human Anatomy and Physiology [S]
- BIOL 20200 Human Anatomy and Physiology [S] **OR**
- BIOL 20400 Human Anatomy and Physiology [S]
- BIOL 22100 Introduction to Microbiology
- BTNY 20700 The Microbial World
- CHM 11100 General Chemistry [S]
- CHM 11200 General Chemistry [S]
- CHM 11500 General Chemistry [S]
- CHM 11600 General Chemistry [S]

- CHM 22400 Introductory Quantitative Analysis
- CHM 25500 Organic Chemistry
- CHM 25501 Organic Chemistry Lab
- CHM 25600 Organic Chemistry
- CHM 25601 Organic Chemistry Lab
- CHM 25700 Organic Chemistry
- CHM 25701 Organic Chemistry Lab
- CNIT 14100 Internet Foundations, Technologies, & Dev.
- CNIT 15501 Introduction to Software Development Concepts
- CNIT 17500 Visual Programming
- CS 15900 Programming Applications for Engineers
- CS 17700 Programming With Multimedia Objects
- CS 18000 Problem Solving and Object-Oriented Programming
- CS 24000 Programming in C
- CS 25100 Data Structures and Algorithms
- EAPS 10000 Planet Earth [STS]
- EAPS 10400 Oceanography [STS]
- EAPS 11100 Physical Geology
- EAPS 11200 Earth Through Time
- EAPS 12500 Environmental Science and Conservation [STS]
- EAPS 22100 Survey of Atmospheric Science [S]
- EAPS 23000 Laboratory in Atmospheric Science
- ENTM 10500 Insects: Friend and Foe [STS] [S]
- ENTM 12800 Investigating Forensic Science (If no other Forensic Science courses used)
  
- ENTM 20600 General Entomology [S]
- ENTM 20700 General Entomology Lab
- ENTM 22810 Forensic Investigation [S]
- ENTM 22820 Forensic Analysis [S]
- FNR 12500 Environmental Science and Conservation [STS]
- HK 25300 Principles of Motor Development
- HK 25800 Foundations of Motor Skill Learning
- HORT 10100 Fundamentals of Horticulture [S]
- MA 16020 Applied Calculus II [QR]
- MA 16200 Plane & Analytic geometry & Calculus II [QR]
- MA 16600 Analytic Geometry & Calculus II [QR]
- MA 26100 Multivariate Calculus [QR]
- MA 26200 Linear Algebra and Differential Equations [QR]
- MA 26500 Linear Algebra [QR]
- MA 26600 Ordinary Differential Equations [QR]
- NRES 12500 Environmental Science and Conservation [STS]
- NUTR 30300 Essentials of Nutrition [S]
- PHYS 14900 Mechanics, Heat, & Wave Motion
- PHYS 15200 Mechanics
- PHYS 17200 Modern Mechanics [S]
- PHYS 21400 Nature of Physics [S]
- PHYS 22000 General Physics [S]
- PHYS 22100 General Physics [S]
- PHYS 23300 Physics for Life Sciences I
- PHYS 23400 Physics for Life Sciences II
- SLHS 21500 Exploring Audiology and Hearing Science [STS]
- SLHS 30200 Hearing Science
- STAT 22500 Introduction to Probability Models **OR**
- STAT 31100 Introductory Probability
- STAT 51100 Statistical Methods

●=Lab Course

BSS = Behavior/Social Sciences Core

H = Humanities Core

QR=Quantitative Reasoning Core

S =Science Core

STS=Science, Technology & Society Core

WC=Written Communication Core

A student may elect the Pass / Not-Pass (P/NP) grading option for elective courses only, unless an academic unit requires that a specific departmental course/s be taken P/NP. Students may elect to take University Core Curriculum courses P/NP; however, some major Plans of Study require courses that also fulfill UCC foundational outcomes. In such cases, students may not elect the P/NP option. A maximum of 24 credits of elective courses under the P/NP grading option can be used toward graduation requirements. For further information, students should refer to the College of Health and Human Sciences P/NP Policy.

Students are encouraged to use this advising worksheet as a resource when planning progress toward completion of degree requirements. An Academic Advisor may be contacted for assistance in interpreting this worksheet. This worksheet is not an academic transcript, and it is not official notification of completion of degree or certificate requirements. The University Catalog is the authoritative source for displaying plans of study. The student is ultimately responsible for knowing and completing all degree requirements

## Brain & Behavioral Sciences Major (BBS) Suggested 4-Year Plan of Study

Cr*	Fall Semester	Cr*	Spring Semester
3	PSY 12000 (Behavior/Social Science) <sup>CC</sup>	3	BBS Major Area B2
3	COM 11400	3-4	ENGL 10600 or ENGL 10800 or HONR 19903
3	Cultural/International Diversity Selective	3	Cultural/International Diversity Selective
3	Quantitative Reasoning (MA 15300 or calculus)	3	BBS Major Area E + Science #1
3	Elective	3	Elective
15		15-16	
3	PSY 20100 <sup>CC</sup>	3	PSY 20300 <sup>CC</sup>
3	BBS Major Area B1	3	BBS Major Area B1
3	BBS Major Area D	3	BBS Major Area D
3	Cultural/International Diversity Selective	3	Cultural/International Diversity Selective
3	Elective	3	Elective
15		15	
3	BBS Major Area B2	3	BBS Major Area C
3	BBS Major Area C	3	BBS Major Area C
3	BBS Major Area E + Science, Tech & Society	3	BBS Major Area E + Science #2
3	Humanities	3	Social Ethics Selective
3	Elective	3	Elective
15		15	
3	BBS Major Area C	3	Economics/Finance Selective
3	BBS Major Area C	3	Management & Leadership Selective
3	Elective	3	Elective
3	Elective	3	Elective
3	Elective	3	Elective
15		15	

CC Critical Course (should be completed during designated academic year)

- \* Typical credits are shown, but will vary with specific course selections; 120 total credits required. At least 32 of these credits must be courses taken at Purdue and numbered 30000 or higher.
- \* Depending on language placement and Option selected, Cultural/International Diversity Selective might require fewer than 4 semesters to complete, potentially increasing the number of electives.
- \* This plan assumes NSM& IT and science-related Core requirements will be fulfilled with courses that fulfill two requirements concurrently. This is not required, however.