

Student: _____ PUID: _____ Catalog Term: Fall 2021

Additional Majors: _____ Minors: _____

Major Requirements (36 credits)

A cumulative GPA of 2.3 is required for all 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 30500 Understanding and Analyzing Psychological Data (prerequisite: an introductory statistics course (e.g. PSY 20100)
- 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 (prerequisite: PSY 20000)
- PSY 38000 Behavior Change Methods (prerequisite: PSY 31400 or PSY 35000)
- 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 and PSY 20300)
- 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 43700 Behavioral and Neural Systems of Learning and Memory (prerequisite: PSY 22200 or BIOL 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 51500 Neuroscience of Consciousness
- PSY 57700 Human Factors in Engineering
- PSY 58100 Neuroethics
- PSY 39000** Research Experience in Psychology (3 credits) **OR**
- PSY 39800 Independent Research in Psychology (3 cr) **OR**
- PSY 49800 Senior Research (3 credits)

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 _____

Requirements continued on next page

**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)**

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

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, Japanese, Korean, Latin, 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 meets the following criteria:

- a) Must take place outside the United States
- b) Have significant immersion in the local culture and language independent of any U.S.-based program in which the student may be participating.
- c) Student passes at least 6 credit hours of course work

- ____(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:

- a) Must take place outside the United States
- b) Have significant immersion in the local culture and language independent of any U.S.-based program in which the student may be participating.
- c) Student passes at least 12 credit hours of course work

- ____ () _____ 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**]
- ____ (3-5) MA 15300 College Algebra, MA 15800 Precalculus-Functions & Trigonometry, MA 16010 Applied Calculus I, MA 16100 Plane Analytic Geometry & Calculus I, or MA 16500 Analytic Geometry & Calculus I [**Satisfies Quantitative Reasoning Core**]
- ____ (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.)
- ____ (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.)

Requirements continued on next page

____ (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)

____ () _____ ____ () _____ ____ () _____ ____ () _____
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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 List: <https://www.purdue.edu/provost/students/s-initiatives/curriculum/courses.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
- 35400 Women in America to 1870 [H]
- 37500 Women in America since 1870 [H]
- 37700 History and Culture of Native America [H]
- 39600 African American History to 1877 [H]
- 39800 African American History since 1877 [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 Race and Ethnicity
- 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, Gender, and Sexuality 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
- ENTR 20000 Introduction to Entrepreneurship and Innovation
- MGMT 44301 Management of Human Resources
- PSY 27200 Introduction to Industrial-Organizational Psychology
- TLI 11200 Foundations of Organizational Leadership
- 15200 Business Principles for Organizational Leadership

SOCIAL ETHICS COURSES (3 CR)

ENTM	22830	Forensic Testimony and Ethics
PHIL	11100	Introduction to 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	C Programming
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	C Programming
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 [STS] (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

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.

●=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

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

Cr*	Fall Semester	Cr*	Spring Semester
3	PSY 12000 (Behavior/Social Science) ^{CC}	3	BBS Major Area B2 ^{CC}
3	COM 11400 ^{CC}	3-4	ENGL 10600 ^{CC} or ENGL 10800 ^{CC} or HONR 19903 ^{CC}
3	Cultural/International Diversity Selective	3	Cultural/International Diversity Selective
3-5	MA 15300 ^{CC} or MA 15800 ^{CC} or MA 16010 ^{CC} or MA 16100 ^{CC} or Ma 16500 ^{CC} (Quantitative Reasoning)	3	BBS Major Area E + Science #1
3	Elective	3	Elective
15-17		15-16	
3	PSY 20100 ^{CC}	3	PSY 20300 ^{CC}
3	BBS Major Area B1 ^{CC}	3	BBS Major Area B1 ^{CC}
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 ^{CC}	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.