

Student: _____ PUID: _____ Catalog Term: _____

Additional Majors: _____ Minors: _____

Brain and Behavioral Sciences Core (University Foundational Learning Outcomes) (17-33 credits)

- ___ () _____ **[Written Communication]** - *select from University list* (Recommend ENGL 10600 First-Year Composition or ENGL 10800 Accelerated First-Year Composition)
- ___ () _____ **[Information Literacy]** - *select from University list* (**IF** ENGL 10600 or 10800 is selected for Written Communication core, this requirement is fulfilled)
- ___ () _____ **[Oral Communication]** - *select from University list* (Recommend COM 11400 Fundamentals of Speech Communication)
- ___ () _____ **[Science]** - *select from University list* (Recommend [S] course from Area D or E)
- ___ () _____ **[Science]** - *select from University list* (Recommend [S] course from Area D or E)
- ___ () _____ **[Humanities]** - *select from University list*
- ___ ***** [Behavior/Social Science]*** fulfilled by PSY 12000**
- ___ () _____ **[Quantitative Reasoning]** MA 15300 Algebra & Trigonometry I or higher from University list
- ___ () _____ **[Science, Technology & Society]** - *select from University list* (Recommend [STS] course from Area D or E)

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

Selective Requirements (3-25 credits)

Cultural/International Diversity Selective (0 -16 credits) *

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

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

- ___(3-4) _____ 10100
- ___(3-4) _____ 10200
- ___(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
- ___(3-4) _____ 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

- 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.

- ___(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.

- ___ ***** Study Abroad Experience** _____

Students wishing to use an approved study abroad experience to meet all or part of the Cultural/International Diversity Selective are required to complete the Experiential Learning Contract process.

*The Cultural/International Diversity Selective requirement may be waived for international students. See academic advisor for guidelines and approval.

Requirements continued on next page

Requirements continued from page 1

- ___ (3) _____ **Economics/Finance Selective** – *select from list*
- ___ (0-3) _____ **Management & Leadership Selective** – *select from list*
- ___ (0-3) _____ **Social Ethics Selective** – *select from list*

Courses that fulfill Brain and Behavioral Sciences Core requirements may also be used to fulfill Selective requirements, if applicable.

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

Courses that fulfill major requirements (Areas A-E) may also be used to fulfill Core requirements.

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 [**Fulfills Behavior/Social Science Core**]
- ___(3) PSY 20100 Introduction to Statistics in Psychology (prerequisite: PSY 12000 and MA 15300 with grade of C- or higher)
- ___(3) PSY 20300 Introduction to Research Methods in Psychology (prerequisite: PSY12000)

B) Select two courses from each of the following groups (12 credits)

B1)

- ___(3) PSY 20000 Introduction to Cognitive Psychology (prerequisite: PSY12000)
- ___(3) PSY 20200 Introduction to Quantitative Topics in Psychology (prerequisite: PSY20100)
- ___(3) PSY 22200 Introduction to Behavioral Neuroscience (prerequisite: PSY12000)
- ___(3) PSY 31400 Introduction to Learning (prerequisite: PSY 20300)

B2)

- ___(3) PSY 23500 Child Psychology (prerequisite: PSY12000)
- ___(3) PSY 24000 Introduction to Social Psychology (prerequisite: PSY12000)
- ___(3) PSY 27200 Introduction to Industrial-Organizational Psychology (prerequisite: PSY12000) (if selected, fulfills Management & Leadership Selective)
- ___(3) PSY 35000 Abnormal Psychology (prerequisite: PSY12000)

C) Select five 3-credit courses from the Advanced Content List (15 credits)

- ___(3) PSY _____
- ___(3) PSY _____
- ___(3) PSY _____
- ___(3) PSY _____
- ___(3) PSY _____

Advanced Content List

- PSY 30600 Statistical Analysis for Experiments
 - PSY 31000 Sensory and Perceptual Processes
 - PSY 31100 Human Memory
 - PSY 32400 Introduction to Cognitive Neuroscience
 - PSY 33300 Motivation
 - PSY 40300 Psycholinguistics
 - PSY 40400 Honors Research Seminar I
 - PSY 40500 Honors Research Seminar II
 - PSY 42200 Genes and Behavior
 - PSY 42800 Drugs and Behavior
 - PSY 42900 Hormones and Behavior
 - PSY 51200 Neural Systems
 - PSY 57700 Human Factors in Engineering
 - 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 requirement.

D) Select two courses for a total of 5-9 credits from FOUNDATIONS in Natural Sciences, Mathematics & Information Technology List (5-9 credits)

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 9 credits from ADDITIONAL STUDY in Natural Sciences, Mathematics & Information Technology List (9 credits)
At least one course from Areas D or E must be a lab natural science course.

- ___() _____
- ___() _____
- ___() _____

Requirements continued on next page

Electives (8-50 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**

BRAIN AND BEHAVIORAL SCIENCES SELECTIVE REQUIREMENT LISTS

CULTURAL/INTERNATIONAL DIVERSITY (3 CR IF REQUIRED)

- AAS 27100 Introduction to Afro-American Studies [H]
- 37100 The Afro-American Experience
- 37300 Issues in Afro-American Studies
- ANTH 20500 Human Cultural Diversity [BSS]
- 21200 Culture, Food & Health
- 23000 Gender Across Cultures (30300) [BSS]
- 37900 Indians of North America [BSS]
- ASAM 24000 Introduction to Asian American Studies
- 34000 Advanced Topics in Asian American Studies
- ASL 28000 The American Deaf Community
- CLCS 18100 Classical World Civilizations
- 23300 Comparative Mythology
- COM 22400 Communicating in the Global Workplace [BSS]
- 37600 Communication and Gender
- ENGL 25700 Literature of Black America
- 26600 World Lit. from the Beginning to 1700 [H]
- 26700 World Lit. from 1700 A.D. to the Present [H]
- 36000 Gender in Literature
- HDFS 28000 Families in a Multicultural Society [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 Middle East History & Culture [H]
- 27100 Latin American History to 1824 [H]
- 27200 Latin American History from 1824
- 32800 Women in Early Modern Europe
- 32900 Women in Modern Europe
- 34100 History of Africa South of the Sahara
- 34200 Africa and the West
- 35400 Women in America to 1870
- 35900 Gender in East Asian History
- 36000 Gender in Middle East History
- 37500 Women in America since 1870
- 37700 Native American History
- 39600 Afro-American History to 1865
- 39800 Afro-American History since 1865
- JWST 33000 Introduction to Jewish Studies
- PHIL 22500 Philosophy of Women
- 24200 Philosophy, Culture & African-American Experience
- 33000 Religions of the East (or REL 23000) [H]

- POL 13000 Introduction to International Relations [BSS]
- 14100 Introduction to Comparative Politics
- 22200 Women, Politics, and Public Policy [BSS]
- 23100 Intro to United States Foreign Policy
- PSY 23900 Psychology of Women
- 33500 Stereotypes and Prejudice
- 36800 Development in Cross-Cultural Perspective
- SOC 31000 Racial and Ethnic Diversity
- 33800 Global Social Movements
- 33900 Intro to the Sociology of Developing Nations
- 45000 Sex Roles in Modern Society
- SPAN 23500 Spanish American Lit. in Translation [H]
- 33500 Lit. of the Spanish-Speaking People in the U.S.
- WGSS 28000 Women's Studies: An Introduction [BSS] [H]
- 38000 Gender and Multiculturalism

ECONOMICS/FINANCE COURSES (3 CR)

- AGEC 21700 Economics [BSS]
- CSR 34200 Personal Finance
- ECON 21000 Principles of Economic [BSS]s
- 25100 Microeconomics [BSS]
- 25200 Macroeconomics [BSS]

MANAGEMENT & LEADERSHIP COURSES (3 CR)

- COM 37500 Conflict & Negotiation
- ENTR 20000 Introduction to Entrepreneurship
- OBHR 30000 Introduction to Human Resources Management
- OLS 25200 Introduction to Organizational Behavior
- 27400 Leadership
- PSY 27200 Introduction to Industrial-Organizational Psych

SOCIAL ETHICS COURSES (3 CR)

- PHIL 11100 Ethics [H]
- 26000 Philosophy and Law [WC]
- 27000 Biomedical Ethics [STS]
- 28000 Ethics and Animals [H]
- 29000 Environmental Ethics [H]
- SOC 22000 Social Problems [BSS]
- POL 22300 Introduction to Environmental Policy [BSS]
- PSY 46400 Responsible Conduct of Scientific Research

(D) FOUNDATIONS in Natural Sciences, Mathematics & Information Technology List

Group 1

- BIOL 11000 Fundamentals of Biology I [S]
- BIOL 11100 Fundamentals of Biology II [S]
- BIOL 12100 Biology I: Diversity, Ecology and Behavior [STS]
- 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 [STS]

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

- CS 15800 C Programming
- CS 17700 Programming with Multimedia Objects
- CNIT 14100 Internet Foundations, Technologies, and Development
- CNIT 15500 Introduction to Object-Oriented Programming
- CNIT 17500 Visual Programming
- CNIT 17600 Information Technology Architectures

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

- ANSC 10600 Biology Companion Animal
- ANSC 20100 Functional Anat. and Anim. Perf.
- ANSC 22100 Principles of Animal Nutrition
- ANSC 23000 Physiology of Domestic Animals
- ANSC 30300 Animal Behavior
- ASTR 26300 Descriptive Astr.: The Solar System [S]
- ASTR 26400 Descriptive Astr.: Stars and Galaxies [S]
- BCHM 10000 Introduction to Biochemistry
- BIOL 11000 Fundamentals of Biology I [S]
- BIOL 11100 Fundamentals of Biology II [S]
- 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 15500 Introduction to Object-Oriented Programming
- CNIT 17500 Visual Programming
- CS 15800 C Programming
- CS 17700 Programming With Multimedia Objects
- CS 18000 Problem Solving/Object-Oriented Prog.
- 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 22100 Survey of Atmospheric Science
- EAPS 23000 Laboratory in Atmospheric Science
- ENTM 10500 Insects: Friend and Foe [STS]
- ENTM 20600 General Entomology [S]
- ENTM 20700 General Entomology Lab
- ENTM 21800 Introduction to Forensic Science [STS]
- ENTM 22810 Forensic Investigation
- FNR 10300 Introduction to Envir. 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
- MA 16200 Plane & Analytic geometry & Calculus II [QR]
- MA 16600 Analytic Geometry & Calculus II [QR]
- MA 26100 Multivariate Calculus
- MA 26200 Linear Algebra and Differential Equations
- MA 26500 Linear Algebra
- MA 26600 Ordinary Differential Equations
- MA 27100 Several Variable Calculus
- 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
- PHYS 22000 General Physics [S]
- PHYS 22100 General Physics [S]
- SLHS 21500 Exploring Audiol and Hearing Science [STS]
- SLHS 30200 Hearing Science
- STAT 22500 Introduction to Probability Models **OR**
- STAT 31100 Introductory Probability
- STAT 35000 Introduction to Statistics **OR**
- 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

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

Cr*	Fall Semester	Cr*	Spring Semester
3	PSY 12000 (Behavior/Social Science Core)	3	BBS Area B2
3	Oral Communication Core	4	Written Commun. Core (ENGL 10600 recommended)
3	Cultural/International Diversity Selective**	3	Cultural/International Diversity Selective**
3	MA 15300 or higher (Quant. Reasoning Core)	3	BBS Area E + Science Core***
2	Elective	2	Elective
1	Information Literacy Core (PSY 10000 recom)		
15		15	
3	PSY 20100	3	PSY 20300
3	BBS Area B1	3	BBS Area B2
3	BBS Area D****	3	BBS Area D****
3	Cultural/International Diversity Selective**	3	Cultural/International Diversity Selective**
3	Elective	3	Elective
15		15	
3	BBS Area B1	3	BBS Area C
3	BBS Area C	3	BBS Area C
3	BBS Area E + Science, Tech & Society Core***	3	BBS Area E + Science Core***
3	Humanities Core****	3	Social Ethics Selective****
3	Elective	3	Elective
15		15	
3	BBS Area C	3	Economics/Finance Selective
3	BBS Area C	3	Management & Leadership Selective****
3	Elective	3	Elective
3	Elective	3	Elective
3	Elective	3	Elective
15		15	

* Typical credits 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, requirement might require fewer than 4 semesters to complete, potentially creating opportunities for additional electives to be taken.

*** Assumes BBS Area E and Core requirement will be fulfilled with one appropriately selected course. Requirements can be separated, if student prefers.

**** Includes course option that can cover two or more requirements concurrently.