

Student: _____ PUID: _____ Catalog Term: _____

Additional Majors: _____ Minors: _____

Brain and Behavioral Sciences Core (University Foundational Learning Outcomes) (12-30 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 (IF course is also on Foundations or Additional Study in Natural Sciences, Mathematics & Information Technology list, will partially fulfill Area E or F)*
- ___ () _____ **[Science]** – *select from University list (IF course is also on Foundations or Additional Study in Natural Sciences, Mathematics & Information Technology list, will partially fulfill Area E or F)*
- ___ () _____ **[Humanities]** – *select from University list*
- ___ ******* _____ **[Behavior/Social Science]*** fulfilled by PSY 12000**
- ___ () MA 15300 Algebra & Trigonometry I or higher from University list **[Quantitative Reasoning]**
- ___ () _____ **[Science, Technology & Society]** - *select from University list (IF course is also on Foundations or Additional Study in Natural Sciences, Mathematics & Information Technology list, will partially fulfill Area E or F)*

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

Selective Requirements (9-28 credits)

- ___ (3-4) _____ 10100 **Cultural/International Diversity Selective** - Foreign Language
- ___ (3-4) _____ 10200 (Proficiency through 20200 in one language)
- ___ (3-4) _____ 20100
- ___ (3-4) _____ 20200
- ___ (3) _____ **Cultural/International Diversity Selective** – semester of study abroad or select from list
- ___ (3) _____ **Economics/Finance Selective** – AGECE 21700 Economics or ECON 21000 Principles of Economics or ECON 25100 Microeconomics or ECON 25200 Macroeconomics or CSR 34200 Personal Finance
- ___ (3) _____ **Management and Leadership Selective** – select from list
- ___ (3) _____ **Social Ethics Selective** – select from list

Courses that fulfill major requirements (Areas A-D) may also be used to fulfill Selective requirements, if applicable.
Courses that fulfill Brain & Behavioral Sciences Core requirements may also be used to fulfill Selective requirements, if applicable.

A grade of “C-” or better is required for all courses used to fulfill the requirements of Areas A-D.

A minimum 2.50 GPA for pre-major courses is required for admission to the Brain and Behavioral Sciences major.

Students may attempt each pre-major course twice for admission purposes. Withdrawals with a grade of “W” do not count as an attempt; withdrawals with a grade of “WF” do count as an attempt.

Distance Learning (online) courses not originating on the Purdue-W.L. campus (i.e. not taught by Purdue W.L. faculty) cannot be used toward the pre-major or major requirements, and at least 75% of the courses in Areas A-D for the major must be taken on the Purdue-W.L. campus.

A) Courses required to satisfy pre-major requirements (12 credits)

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

***These courses must be taken at Purdue University-West Lafayette.**

Date Admitted _____ Psychology Advisor’s Signature _____

Requirements continued on next page

B) Select three additional courses from the following groups (9 credits)

Including the Area B course used to fulfill pre-major requirements, two courses must be from Group B1 and two from Group B2.

B1)

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

B2)

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

C) Select five 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 additional 3-credit psychology courses numbered 20000-59900 (6 credits)

PSY 31900, PSY 39000, PSY 39100, PSY 49200, and PSY 49800 may not be used to fulfill the Area D requirement.

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

E) 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 E or F must be a lab natural science course.

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

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

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

Electives (2-43 credits)

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

**At least 32 credits of coursework required at 300 level or higher.
120 semester credits required for Bachelor of Science degree**

BRAIN AND BEHAVIORAL SCIENCES SELECTIVE REQUIREMENTS LISTS

CULTURAL/INTERNATIONAL DIVERSITY (3-16 CR)

Proficiency through Level IV in one language (3-16 cr)
American Sign Language, Arabic, Chinese, French, German,
Greek, Hebrew, Italian, Japanese, Latin, Portuguese, Russian,
Spanish

AND one semester study abroad **OR** 3 credits from:

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 [H]
	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

MANAGEMENT & LEADERSHIP (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 (3 CR)

PHIL	11100	Ethics [H]
	26000	Philosophy and Law
	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

BSS = Human Cultures: Behavior/Social Sciences Core

H = Humanities Core

BBS

7/2014

(E) 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

(F) ADDITIONAL STUDY in Natural Sciences, Mathematics & Information Technology List

- | | | | |
|-------------|---|-------------|--|
| ANSC 10600 | Biology Companion Animal | CS 24000 | Programming in C |
| ANSC 20100 | Functional Anat. and Anim. Perf. | CS 25100 | Data Structures and Algorithms |
| ANSC 22100 | Principles of Animal Nutrition | EAPS 10000 | Planet Earth [STS] |
| ANSC 23000 | Physiology of Domestic Animals | EAPS 10400 | Oceanography [STS] |
| ANSC 30300 | Animal Behavior | ●EAPS 11100 | Physical Geology |
| ●ASTR 26300 | Descriptive Astr.: The Solar System [S] | ●EAPS 11200 | Earth Through Time |
| ●ASTR 26400 | Descriptive Astr.: Stars and Galaxies [S] | EAPS 22100 | Survey of Atmospheric Science |
| BCHM 10000 | Introduction to Biochemistry | ●EAPS 23000 | Laboratory in Atmospheric Science |
| ●BIOL 11000 | Fundamentals of Biology I [S] | ENTM 10500 | Insects: Friend and Foe [STS] |
| ●BIOL 11100 | Fundamentals of Biology II [S] | ENTM 20600 | General Entomology [S] |
| BIOL 12100 | Biology I: Diversity, Ecology and Behavior [S] | ●ENTM 20700 | General Entomology Lab |
| BIOL 13100 | Biology II: Dev., Structure & Function of Organisms [S] | ENTM 21800 | Introduction to Forensic Science [STS] |
| BIOL 20100 | Human Anatomy and Physiology [S] OR | ENTM 22810 | Forensic Investigation |
| ●BIOL 20300 | Human Anatomy and Physiology [S] | FNR 10300 | Introduction to Envir. Conservation [STS] |
| BIOL 20200 | Human Anatomy and Physiology [S] OR | HK 25300 | Principles of Motor Development |
| ●BIOL 20400 | Human Anatomy and Physiology [S] | HK 25800 | Foundations of Motor Skill Learning |
| ●BIOL 22100 | Introduction to Microbiology | ●HORT 10100 | Fundamentals of Horticulture [S] |
| BTNY 20700 | The Microbial World | MA 16020 | Applied Calculus II |
| ●CHM 11100 | General Chemistry [S] | MA 16200 | Plane & Analytic geometry & Calculus II [QR] |
| ●CHM 11200 | General Chemistry [S] | MA 16600 | Analytic Geometry & Calculus II [QR] |
| ●CHM 11500 | General Chemistry [S] | MA 26100 | Multivariate Calculus |
| ●CHM 11600 | General Chemistry [S] | MA 26200 | Linear Algebra and Differential Equations |
| CHM 22400 | Introductory Quantitative Analysis | MA 26500 | Linear Algebra |
| CHM 25500 | Organic Chemistry | MA 26600 | Ordinary Differential Equations |
| ●CHM 25501 | Organic Chemistry Lab | MA 27100 | Several Variable Calculus |
| CHM 25600 | Organic Chemistry | NUTR 30300 | Essentials of Nutrition [S] |
| ●CHM 25601 | Organic Chemistry Lab | ●PHYS 22000 | General Physics [S] |
| CHM 25700 | Organic Chemistry | ●PHYS 22100 | General Physics [S] |
| ●CHM 25701 | Organic Chemistry Lab | SLHS 21500 | Exploring Audiol and Hearing Science |
| CNIT 14100 | Internet Foundations, Technologies, & Dev. | SLHS 30200 | Hearing Science |
| CNIT 15500 | Introduction to Object-Oriented Programming | STAT 22500 | Introduction to Probability Models OR |
| CNIT 17500 | Visual Programming | STAT 31100 | Introductory Probability |
| CS 15800 | C Programming | STAT 35000 | Introduction to Statistics OR |
| CS 17700 | Programming With Multimedia Objects | STAT 51100 | Statistical Methods |
| CS 18000 | Problem Solving/Object-Oriented Prog. | | |

●=Lab Course

QR= Quantitative Reasoning Core

S=Science Core

STS=Science, Technology & Society Core

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	Foreign Language Selective**	3	Foreign Language Selective**
3	MA 15300 or higher (Quant Reasoning Core)	3	BBS Area F + 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 E****	3	BBS Area E****
3	Foreign Language Selective**	3	Foreign Language 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 F + Science, Tech, & Society Core***	3	BBS Area F + Science Core***
3	Humanities Core	3	Social Ethics Selective****
3	Elective	3	Elective
15		15	
3	BBS Area C	3	BBS Area D
3	BBS Area C	3	Economics/Finance Selective
3	BBS Area D	3	Management & Leadership Selective****
3	Cultural/International Diversity Selective****	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 placement, requirement might require fewer than 4 semesters to complete.

*** Assumes BBS Area F 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.