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_____ _____ _____

__________________________________________________________________

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 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 44600 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 3900** Research Experience in Psychology (3 credits) OR
PSY 39800 Independent Research in Psychology (3 cr) OR
PSY 49800 Senior Research (3 credits)

**Only one PSY 3900, PSY 39800, or PSY 49800 course counts towards this requirement.

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 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**
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 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]
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]
BCCHM 10000 Introduction to Biochemistry [STS]
BIOL 11000 Fundamentals of Biology [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: Development, 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
BTN Y 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 Analysis [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 16400 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 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.
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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.