

Introductory and Elective Courses – Foundation “Breadth and Depth in Approaches to Science”	
A	PSYC 111 General Psychology Core Course Need a C or higher to continue as a Psychology major
B	Two Math/Sci electives from the SAME department
C	Two Math/Sci electives
D	Two Psychology electives OR additional Math/Sci electives
Important notes for elective courses: <ul style="list-style-type: none"> • 6 Math/Science electives are required with no more than 2 Psychology electives. • Only 4 credits of Independent Study/Internship (PSYC 395, 397, 490, 492, 493, 494, 499, CDCI 385 or 395) may be used as an elective. See the back of this sheet for a list of Psychology, Math, and Science electives. • Science and Mathematics courses outside of Psychology cannot include independent study, supervised teaching, or internships. • At least two courses (8 credits) of Math and Science electives must be taken from the same department. • Math 147, Math 148, Math 107, and Math 108 do not count toward Math/Science electives. 	

Core and Foundational / Experimental Courses – Breadth “Developing Experience/Exposure”	
E	PSYC 243 Statistical Analysis and Design (M) Pre-requisite: PSYC 111 <i>PSYC 243 is a CO-requisite for Foundational courses</i> Core Course Need a C or higher to continue in the major
F	3 Foundational / Experimental Courses
	PSYC 350 Human Memory
	PSYC 351 Perception
	PSYC 356 Learning
	PSYC 358 Cognition
	PSYC 360 Psychotherapy: Models/Methods
	PSYC 362 Behavioral Neuroscience
	PSYC 385 Psychological Tests
G	Corresponding Lab (Pre-requisite: PSYC 344)
	<i>*No corresponding lab*</i>
	PSYC 352 Lab in Perception (C & L)
	PSYC 355 Lab in Applied Behavior Analysis (C&L)
	PSYC 357 Lab in Learning (C & L)
	PSYC 359 Lab in Cognition (C & L)
	PSYC 361 Lab in Psychotherapy (C & L)
	PSYC 363 Behavioral Neuroscience Lab (C & L)
	<i>*No corresponding lab*</i>

400-level Courses – Advanced/depth “Depth in Research”	
H	PSYC 344 Research Methods (W) Pre-requisite: PSYC 243 Core Course PSYC 344 is a pre-requisite for 400-level courses
I	400-level courses
	Option A: Two 400-level courses
	Option B: One 400-level course AND 8 credits of research and/or internship (PSYC 395, PSYC 397, approved CDCI)

- Important notes for 400-level courses:
- 400-level courses should be taken from two different faculty members and can include PSYC 465, 473, 476, and 480 (must be between 400 and 489).
 - Two courses (8 credits) of Independent Study/Internship (PSYC 395, 397, 490, 493, 494, 498, 499, CDCI 385 or 395) may substitute for one of the 400-level courses. These two Independent Study courses may be taken with the same faculty member. For internship, students MUST receive pre-approval from the Psychology department. Use the application form on the Psychology Advising webpage and attend to the submission deadlines.
 - Transfer credit will not be accepted for 400-level courses and Independent Study.
 - **IMPORTANT:** Harpur allows a maximum of 16 credits of Independent Study to count towards your degree. There is also a combined limit of 20 credits; this includes independent study, TA, internship, and HWS.

Important Notes for the Psychology Major	
<ul style="list-style-type: none"> • Minimum grade requirements: <u>C or higher</u> in PSYC 111 and PSYC 243, <u>C- or higher</u> in all other courses • Psychology courses may only be repeated once (2005 bulletin) • Only one course from Math/Science electives for the major may be taken Pass/Fail. PSYC 395 and PSYC 397 will be offered only on a Pass/Fail basis (2010 Bulletin). No other Psychology courses for the major may be taken Pass/Fail. • Residency Requirement: At least 16 credits from the Psychology major must be taken in residence at Binghamton University. 	

Science & Mathematics Electives

Choose only from the courses listed below. If you are unsure whether a course will meet this requirement check with the advisor.

Anthropology	ANTH 168 – Introduction to Biological Anthropology
	ANTH 242 – Biology, Culture, and Lifestyle
	ANTH 243 – Medical Anthropology
	ANTH 244 – Plagues, Culture and History
	ANTH 245 – Bones, Bugs and Forensic Science
	ANTH 246 – Sex and Evolution
	ANTH 248 – Evolutionary Medicine
	ANTH 249 – Introduction to Epidemiology
*Select ANTH 300 level courses are accepted, see advisor	
Astronomy	ASTR 114 – Sun, Stars, and Galaxies
Biochemistry	BCHM (all courses)
Biology	BIOL (all courses)
Chemistry	CHEM (all courses except CHEM 100)
Computer Science	CS 105 – Introduction to Computing
	CS 110 – Programming Concepts and Applications
	*Courses at a higher level than CS 205 may be acceptable, see advisor
Environmental Studies	ENVI 101 – Humans & Ecological Environment
	ENVI 201 – Humans & Physical Environment
	ENVI 342 – Environmental Hydrology (also GEOL 342)
	*Courses at a higher level may be acceptable, see advisor for full list
Geography	GEOG 101 – Introduction to Geography
	GEOG 103 – Multicultural Geographies of the U.S.
	GEOG 105 – Introduction to Geotechnologies of Space & Science
	GEOG 120 – Weather and Climate
	GEOG 121 – Physical Geography
	GEOG 151 – World Regional Geography
	*Courses at a higher level may be acceptable, see advisor
Geology	GEOL (all courses)
Global Public Health	GPH 301 GPH I Social and Behavioral Health Theories
	GPH 303 Environmental Health
Harpur	HARP 325 Data and Society
Health & Wellness	HWS 332 – Nutrition
	HWS 338 – Psych of Sport and Exercise
	HWS 410 – Pathophys Nutrition Disease
Mathematics	MATH 130 – Mathematics in Action
	MATH 220 – Calculus for Business & Management
	MATH 224 & 225 – Calculus I (must complete both 2 cr courses)
	MATH 226 & 227 – Calculus II (must complete both 2 cr courses)
	*Courses at a higher level than MATH 226 & 227 may be acceptable, see advisor
Philosophy	PHIL 121 – Methods of Reasoning
	PHIL 122 – Elementary Logic
Physics	PHYS (all courses)
Speech and Language Pathology	SLP 408 Anatomy and Physiology of Speech, Language and Hearing
	SLP 414 Introduction to Communication Disorders
	SLP 415 Normal and Abnormal Speech and Language Development
Math/Science Transfer Courses	MSCI (and courses equivalent to courses listed above)

Special Notes:

- You may choose any **4 credit** course above to meet this requirement. Transfer courses that are *3 credits* or higher may also be acceptable. Check with the advisor to ensure any courses taken outside of Binghamton can count as math/science electives.
- IMPORTANT:** Not all courses that have the Gen Ed mathematics (M) designation will count as math/science electives.
- Cross-listed courses can match with either department (e.g., ENVI 342 or GEOL 342 will count)
- Liberal Arts Transfer Courses (LART) do not count towards the major.
- The frequency of these course offerings is up to the individual departments. Not all courses will be offered every semester.**
- It is the student's responsibility to determine if any of the above courses have pre-requisites.**

Psychology Electives

Course	Gen Ed	Pre-requisite
PSYC 220 Developmental Psychology	(S)	PSYC 111
PSYC 223 Behavior Disorders	(S)	PSYC 111
PSYC 228 Social Psychology	(N)	PSYC 111
PSYC 327 Evolution and Behavior		PSYC 111 or junior biology standing
PSYC 330 Drugs and Behavior	(S)	PSYC 111
PSYC 382 Personality		PSYC 111
PSYC course numbers that are cross listed (offered by other departments)		See individual courses
Any 2 additional Math/Science electives from the above chart		
Transfer courses that are PSYC electives (see advisor)		