

Binghamton University Psychology – Track in Autism Spectrum Disorder Requirements

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3 Core Courses (12 Credits)		
	PSYC 111 General Psychology	(need a C or higher to declare in the ASD track)
	PSYC 243 Statistical Analysis and Design (M) <i>Prerequisite: PSYC 111</i>	(need a C or higher to declare in the ASD track)
	PSYC 344 Research Methods (W) <i>Prerequisite: PSYC 243</i>	

7 ASD Track Core Courses		***MINIMUM GRADE: <u>B</u> or higher
	PSYC 220 Developmental Psychology (S)	
	PSYC 223 Behavior Disorders (S)	
	PSYC 356 Learning	
	PSYC 355 Lab in Applied Behavior Analysis (L)	
	PSYC 493 Advanced ABA & Research Design	
	PSYC 494 ASD and Behavioral Assessment	
	PSYC 476 Society, Science, and ASD	

2 Foundational / Experimental Courses (8 Credits)		(Pre- or co-requisite: PSYC 243)
	PSYC 350 Human Memory	
	PSYC 351 Perception	
	PSYC 358 Cognition	
	PSYC 360 Psychotherapy: Models/Methods	
	PSYC 362 Behavioral Neuroscience	
	PSYC 385 Psychological Tests	

3 Courses in Science & Mathematics Electives (12 Credits)		
		2 Science/Math Electives from the <u>SAME</u> department
		1 Additional Science/Math Electives
<p>Important Notes for Elective courses:</p> <ul style="list-style-type: none"> Science and Mathematics courses outside of Psychology cannot include independent study, supervised teaching, or internships. At least two courses (8 credits) of Science & Math electives must be taken from the same department. Math 147, Math 107, and Math 108 do not count toward Science-Math Electives (2004 Bulletin) 		

Notes for the Track:

- The Psychology Major Track in Autism Spectrum Disorder requires 60 hours (15 four-credit courses).
- Requirements to declare:** C or higher in both PSYC 111 and PSYC 243 (2007 Bulletin) & must be enrolled in or have earned a B or higher in PSYC 355 Lab in Applied Behavior Analysis.
- Requirements to graduate:** B or higher in the Track in ASD core courses, C- or better in all other courses.
- We strongly recommend that students pursuing the Track in ASD also complete the requirements for the Psychology major by taking a fourth science/math elective. This way, if the student does not meet the B grade requirement for the Track in ASD core courses, they can still graduate with a major in Psychology.
- Psychology courses may only be repeated one time (2005 Bulletin)
- Only one course from Science & Math Electives for the major may be taken Pass/Fail. Pass/Fail grading is not encouraged.
- For more information, contact the Institute for Child Development at icdugrad@binghamton.edu

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
	ANTH 332 – Forensic Anthropology
	ANTH 333 – Human Genetics
	ANTH 335 – Human Origins
	ANTH 336 – The Human Skeleton
	ANTH 338 – Survey of the Primates
	*Courses at a higher level may be acceptable, 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 121 – Pollution: Natural & Unnatural
	ENVI 142 – Water & Watersheds
	ENVI 201 – Humans & Physical Environment
	ENVI 342 – Environmental Hydrology (also GEOL 342)
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)
Health & Wellness	HWS 332 – Nutrition
	HWS 338 – Psych of Sport and Exercise
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)
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 121 or GEOL 121 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.**