

*\*To declare in the ASD Track, you first need to complete PSYC 111 and PSYC 243 with a C or higher, and be enrolled in or have already completed PSYC 355 with a B or higher. See the Psychology Academic Advisor to declare.*

<b>Psychology Core Courses</b> (Must earn a C or higher to count towards the track)	
<b>PSYC 111 - General Psychology</b> <i>PSYC 111 is a prerequisite for the PSYC 243 &amp; most PSYC courses.</i>	<i>(Need a C or higher to declare ASD)</i>
<b>PSYC 243 Statistical Analysis and Design (M)</b> <i>PSYC 243 is a pre/corequisite for the Foundational courses, and a pre-req for PSYC 344.</i>	<i>(Need a C or higher to declare ASD)</i>
<b>PSYC 344 Research Methods (W)</b> <i>PSYC 344 is a prerequisite for PSYC labs, and PSYC seminars. It <b>cannot</b> be taken concurrently!</i>	
<b>7 ASD Core Courses</b> (Must earn a B or higher to count towards the track)	
PSYC 220 – Developmental Psychology	
PSYC 223 – Behavior Disorders	
PSYC 356 – Learning	
PSYC 355 – Lab in Applied Behavior Analysis	<i>(Need to be enrolled in, or have a B or higher to declare ASD)</i>
PSYC 493 – ABA & Evidence-Based Practice	
PSYC 494 – ASD and Behavioral Assessment	
PSYC 476 – Society, Science, and ASD	
<b>2 Foundational Courses</b> (Must earn a C- or higher to count towards the track)	
PSYC 350 – Human Memory	
PSYC 351 – Perception	
PSYC 358 – Cognition	
PSYC 360 – Psychotherapy: Models and Methods	
PSYC 362 – Behavioral Neuroscience	
PSYC 385 – Psychological Tests	
<b>Science and Mathematics Elective Requirement</b> (Must earn a C- or higher to count towards the track)	
<ul style="list-style-type: none"> <li>• Two Science/Math Electives from the <u>SAME</u> department <b>&amp;</b></li> <li>• One additional Science/Math Elective</li> </ul>	
<b>*See page 2 for a list of approved electives*</b>	
<u>Important Note for Elective Courses:</u>	
<ul style="list-style-type: none"> <li>• Science and Mathematics courses cannot include independent study, supervised teaching, or internships.</li> <li>• Math 147, Math 107, and Math 108 <u>do not</u> count towards the Science/Math Electives.</li> </ul>	
<b>Important Notes about the Track</b>	
<ul style="list-style-type: none"> <li>• <b>Grade requirements:</b> C or higher in PSYC 111 and PSYC 243, B or higher in Core Courses, C- or higher in all other courses</li> <li>• Psychology courses may only be repeated once.</li> <li>• Only one course from Math/Science electives for the major may be taken Pass/Fail. No other course taken P/F will count towards the major. <b>See the Academic Advisor</b> before changing a course to pass/fail.</li> <li>• It is strongly recommended that students pursuing the ASD Track 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, they can still graduate with a major in Psychology.</li> </ul>	

For more information visit [www.binghamton.edu/psychology/undergraduate/asd.html](http://www.binghamton.edu/psychology/undergraduate/asd.html) or email

[icdugrad@binghamton.edu](mailto:icdugrad@binghamton.edu)



## Science & Mathematics Electives

Only courses listed below are approved for the major.

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
<b>*Select ANTH 300 level courses are accepted, see advisor</b>	
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
	<b>*Courses at a higher level than CS 205 may be acceptable, see advisor</b>
Environmental Studies	ENVI 101 – Humans & Ecological Environment
	ENVI 201 – Humans & Physical Environment
	ENVI 342 – Environmental Hydrology (also GEOL 342)
	<b>*Courses at a higher level may be acceptable, see advisor</b>
Digital and Data Studies	DIDA 325 – Data and Society
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
	<b>*Courses at a higher level may be acceptable, see advisor</b>
Geology	GEOL (all courses)
Global Public Health	GPH 301 – GPH I Social and Behavioral Health Theories
	GPH 303 – Environmental Health
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)
	<b>*Courses at a higher level may be acceptable, see advisor</b>
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)

## Psychology Electives

Course	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 courses that are cross listed (offered by other departments)	<i>See individual courses</i>

### Special Notes:

- Transfer courses that are 3 *credits* or higher may also be acceptable. Check with the academic advisor.
- Liberal Arts Transfer Courses (LART) do not count towards the major.
- Cross-listed courses can match with either department (e.g., ENVI 342/GEOL 342)
- 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.