## UNIVERSITY FOUNDATIONS & GENERAL EDUCATION

### Composition
- ENGL 101 or equivalent ........................................ 3 __
- ENGL 102 or equivalent ........................................ 3 __
- or ENGL 109H* ........................................................ 3 __

(*need grade of C or better, additional course needed for pre-med—see advisor)

### Second Language
- 2nd semester proficiency by credit or exam required (grade of C or better required in second semester)

### Mathematics
- MATH 122A&B or MATH 125 (F, S, SS) ...................... 3-5 __

### Tier One (do not take PSY 150A1)

<table>
<thead>
<tr>
<th>Individuals &amp; Societies</th>
<th>Traditions &amp; Cultures</th>
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<tbody>
<tr>
<td>________<strong>150</strong></td>
<td>3 __</td>
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<td>________<strong>150</strong></td>
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### Tier Two
- Arts .................................................................... 3 __
- Humanities ............................................................ 3 __

### Diversity Emphasis (Gender/Race/Class/Ethnicity/Sexual Orient./Non Western)
- One course must be taken from the Diversity Emphasis list

## PRE-MAJOR/Foundation/SUPPORTING COURSEWORK

### Intro Psychology**
- PSY 101 (Pre-req for NSCS 200) (F, S, SS) ...................... 3 __

### Chemistry
- CHEM 151 (lec & lab combined) (F, S, SS) ...................... 4 __

### Biology
- MCB 181R (lec) (F, S, SS) and MCB 181L (lab) (F, S) ....... 3 __ 1 __
- ECOL 182R (lec) (F, S, SS) and ECOL 182L (lab) (F, S) ...... 3 __ 1 __

### Physics
- PHYS 102 (lec) and 181 (lab) (F, S, SS) [or PHYS 141] ....... 3 __ 1 __

### Statistics (pre-req for PSY 290A, MATH 263 recommended for pre-med)
- MATH 263 or PSY 230 ............................................. 3 __

### Research Methods
- PSY 290A (F, S, SS) ............................................. 3 __

### Philosophy
- PHIL 241 (F, S, SS) ............................................. 3 __

### Clinical Science
- PSY 381 or 383 (F, S, SS) ........................................ 3 __

### Social-Personality Science
- PSY 352 or 360 (Pre-req for NSCS 200) (F, S, SS) ............ 3 __

**students who took PSY 150A1 or are counting PSY 101 as a general education course will replace this with a PSY elective

## NSCS FOUNDATION FOCUS (MUST MATCH MAJOR FOCUS)

**Complete 12 units from one focus (continued in next column)

### Option 1: Neuroscience Focus
- CHEM 152 (lec & lab combined) (F, S, SS) ..................... 4 __
- CHEM 241A (lec) and CHEM 243A (lab) (F, S, SS) ....... 3 __ 1 __
- PHYS 103 (lec) and 182 (lab) (F, S, SS) [or PHYS 241] .... 3 __ 1 __

### Option 2: Cognitive Science Focus
- NSCS 344 Modeling the Mind (S) .................................. 3 __

**Take courses from at least 2 categories (see full curriculum for options):
- ☐ Cognitive Psychology
- ☐ Linguistics
- ☐ Philosophy

- CHEM 152 or PHYS 103/182 (required for PSYS) ............. 4 __

## NSCS GATEWAY COURSE (APPLY TO MAJOR WHILE ENROLLED)

- Students are ELIGIBLE TO APPLY to the NSCS major when they have:
  1. Completed MCB 181R/L, CHEM 151, and PSY 101 (pre-req for NSCS 200). These courses **must** be completed before taking NSCS 200 and applying to the major.
  2. Completed or enrolled in calculus, statistics, NSCS 200, CHEM 152 (neuro focus), one foundation focus course (cog sci focus)
  3. Science GPA of at least 2.5

**NOTE:** All other courses may be completed before or after admission to the major. Exceptions may be granted for requirements 2 & 3 on a case-by-case basis. See your advisor.

### NSCS MAJOR CORE (MUST COMPLETE NSCS 200 FIRST)

- NSCS 307 Cellular Neurophysiology (F) (Honors Option) 3-4 __
- NSCS 308 Methods in Neuroscience (F) ........................ 1 __
- NSCS 311 Scientific Programming with MATLAB (F) ...... 3 __
- NSCS 320 Issues & Themes in Cognitive Science (F) ........ 3 __
- NSCS 321 Methods in Cognitive Science (F) .................. 1 __

*NSCS 321 is waived for any student who has completed PSY 300*

### NSCS MAJOR FOCUS (MUST MATCH FOUNDATION FOCUS)

**Complete 6 units from one focus**

### Option 1: Neuroscience Focus
- NROS 310 Mol & Cell Bio of Neurons (S) (Honors Option) 3-4 __
- NROS 418 Fund Principles in Systems Neuro (S) ............. 3 __

### Option 2: Cognitive Science Focus

**Take 2 courses from the Cognition Emphasis list (courses cannot double-dip):**

### PSYS CORE

- PSY 389 (Writing Emphasis Course) .......................... 3 __

*NSCS/PSY (Directed Research) .................................. 3 __

*NSCS/PSYS (Directed Research, Capstone, Honors Thesis) 3 __

*NSCS/PSYS (Directed Research, Capstone, Honors Thesis) 3 __

*PSY (400 level) ...................................................... 3 __

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*Up to 5 of these courses can be fulfilled with your 5 NSCS emphasis courses with the exception of internship or preceptorship credits.

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NSCS/PSYS CHECK SHEET 2018-19

MARCH 2019
**NSCS Emphasis Electives**

Complete 15 units from one NSCS emphasis. Up to 6 units of upper-division research, internship, preceptorship (max 3 units), or thesis credit may be applied. Course listing at nscs.arizona.edu

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
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<tbody>
<tr>
<td>Cognition</td>
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<tr>
<td>Development &amp; Aging</td>
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<tr>
<td>Neurobiology</td>
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<td>(students who select a different NSCS emphasis cannot double-dip their emphasis courses with PSYS)</td>
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Total Units

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**Additional NSCS Graduation Requirements**

- Special Lectures
  - ☐ Ethics
  - ☐ Science Policy
- Program Assessment Completed ☐

**Additional Graduation Requirements:**

- 120 total units ☐ 42 upper div. units ☐ 2.000+ cum GPA ☐ 2.000+ major GPA ☐
- MCWA complete ☐ 30+ total units at UA ☐ Final 18 of 30 units complete ☐ <60 correspondence/UA exam units ☐ 18+ NSCS units at UA ☐