

# Neuroscience

## B.S. Sample Program Plans

All course plans assume student has no AP, IB or transfer units and ENGL1A placement  
 Updated 12/2022

### Math Placement is Intermediate Algebra (ARC 35)

Year One

Fall	Winter	Spring	Summer
ARC 035 (0)	MATH 6A (4)	MATH 6B (4)	CHEM 1A, 1LA (5)
ENGL 1A (4)	ENGL 1B (4)	ENGL 1C (4)	CHEM 1B, 1LB (5)
Breadth or Elective (4)	Breadth or Elective (4)	Breadth or Elective (4)	10
Breadth or Elective (4)	Breadth or Elective (4)	Breadth or Elective (4)	
<i>Units 12</i>	<i>16</i>	<i>16</i>	<i>(54)</i>

Year Two

CHEM 1C, 1LC (5)	CHEM 8A, 8LA (4)	CHEM 8B, 8LB (4)	
BIOL 5A, 5LA (5)	BIOL 5B (4)	BIOL 5C (4)	
MATH 7A (4)	MATH 7B (4)	CBNS 106 (4)	
<i>Units 14</i>	<i>12</i>	<i>12</i>	<i>(38)</i>

Year Three

CHEM 8C, 8LC (4)	BCH 100 (4)	CBNS 120L (2)	
PHYS 2A, 2LA (5)	PHYS 2B, 2LB (5)	PHYS 2C, 2LC (5)	
Breadth or Elective (4)	CBNS 120 (4)	STAT 10 (5)	
Breadth or Elective (4)		Breadth or Elective (4)	
<i>Units 17</i>	<i>13</i>	<i>16</i>	<i>(46)</i>

Year Four

CBNS 124 (4)	Tier 2 (4)	Tier 2 (4)	
Tier 2 (4)	Tier 2 (4)	Tier 2 (4)	
Tier 3 (4)	Tier 3 (4)	Tier 3 (4)	
Breadth or Elective (4)	Breadth or Elective (4)		
<i>Units 16</i>	<i>16</i>	<i>12</i>	<i>(44) 182 total</i>

### Math Placement is MATH 6A

Year One

Fall	Winter	Spring	Summer
MATH 6A (4)	MATH 6B (4)	MATH 7A (4)	CHEM 1C, 1LC (5)
ENGL 1A (4)	CHEM 1A, 1LA (5)	CHEM 1B, 1LB (5)	Breadth or Elective (4)
Breadth or Elective (4)	ENGL 1B (4)	BIOL 5A, 5LA (5)	9
Breadth or Elective (4)	Breadth or Elective (4)	ENGL 1C (4)	
<i>Units 16</i>	<i>17</i>	<i>18</i>	<i>(60)</i>

Year Two

CHEM 8A, 8LA (4)	CHEM 8B, 8LB (4)	CHEM 8C, 8LC (4)	
BIOL 5B (4)	BIOL 5C (4)	PHYS 2A, 2LA (5)	
MATH 7B (4)	CBNS 106 (4)	Breadth or Elective (5)	
<i>Units 12</i>	<i>12</i>	<i>14</i>	<i>(38)</i>

Year Three

BCH 100 (4)	CBNS 120 (4)	CBNS 120L (2)	
PHYS 2B, 2LB (5)	PHYS 2C, 2LC (5)	Tier 2 (4)	
Tier 2 (4)	Tier 2 (4)	STAT 10 (5)	
Breadth or Elective (4)	Breadth or Elective (4)	Breadth or Elective (4)	
<i>Units 17</i>	<i>17</i>	<i>15</i>	<i>(49)</i>

Year Four

CBNS 124 (4)	Tier 2 (4)	Tier 2 (4)	
Tier 3 (4)	Tier 3 (4)	Tier 3 (4)	
Breadth or Elective (4)	Breadth or Elective (4)	Breadth or Elective (4)	
<i>Units 12</i>	<i>12</i>	<i>12</i>	<i>(36) 183 total</i>

**Math Placement is MATH 5A\***

Year One

Fall	Winter	Spring	Summer
MATH 5A* (5)	MATH 7A (4)	MATH 7B (4)	
ENGL 1A (4)	CHEM 1A, 1LA (5)	CHEM 1B, 1LB (5)	
Breadth or Elective (4)	ENGL 1B (4)	BIOL 5A, 5LA (5)	
Breadth or Elective (4)	Breadth or Elective (4)	ENGL 1C (4)	
<i>Units 17</i>	<i>17</i>	<i>18</i>	<i>(52)</i>

Year Two

CHEM 1C, 1LC (5)	CHEM 8A, 8LA (4)	CHEM 8B, 8LB (4)	
BIOL 5B (4)	BIOL 5C (4)	PHYS 2A, 2LA (5)	
STAT 10 (5)	CBNS 106 (4)	Breadth or Elective (4)	
<i>Units 14</i>	<i>12</i>	<i>13</i>	<i>(39)</i>

Year Three

CHEM 8C, 8LC (4)	BCH 100 (4)	CBNS 120L (2)	
PHYS 2B, 2LB (5)	PHYS 2C, 2LC (5)	Tier 2 (4)	
Breadth or Elective (4)	CBNS 120 (4)	Breadth or Elective (4)	
Breadth or Elective (4)		Breadth or Elective (4)	
<i>Units 17</i>	<i>13</i>	<i>14</i>	<i>(44)</i>

Year Four

CBNS 124 (4)	Tier 2 (4)	Tier 2 (4)	
Tier 2 (4)	Tier 2 (4)	Tier 3 (4)	
Tier 3 (4)	Tier 3 (4)	Breadth or Elective (4)	
Breadth or Elective (4)	Breadth or Elective (4)	Breadth or Elective (4)	
<i>Units 16</i>	<i>16</i>	<i>16</i>	<i>(48) 183 total</i>

**Math Placement is MATH 7A**

Year One

Fall	Winter	Spring	Summer
Math 7A (4)	MATH 7B (4)	CHEM 1C, 1LC (5)	
CHEM 1A, 1LA (5)	CHEM 1B, 1LB (5)	BIOL 5B (4)	
ENGL 1A (4)	BIOL 5A, 5LA (5)	ENGL 1B (4)	
Breadth or Elective (4)			
<i>Units 17</i>	<i>14</i>	<i>13</i>	<i>(44)</i>

Year Two

CHEM 8A, 8LA (4)	CHEM 8B, 8LB (4)	CHEM 8C, 8LC (4)	
BIOL 5C (4)	CBNS 106 (4)	Physics 2A, 2LA (5)	
ENGL 1C (4)	STAT 10 (5)	Breadth or Elective (4)	
Breadth or Elective (4)		Breadth or Elective (4)	
<i>Units 16</i>	<i>13</i>	<i>17</i>	<i>(46)</i>

Year Three

BCH 100 (4)	CBNS 120 (4)	CBNS 120L (2)	
PHYS 2B, 2LB (5)	PHYS 2C, 2LC (5)	Tier 2 (4)	
Breadth or Elective (4)	Tier 2 (4)	Breadth or Elective (4)	
Breadth or Elective (4)	Breadth or Elective (4)	Breadth or Elective (4)	
<i>Units 17</i>	<i>17</i>	<i>14</i>	<i>(48)</i>

Year Four

CBNS 124 (4)	Tier 2 (4)	Tier 2 (4)	
Tier 2 (4)	Tier 3 (4)	Tier 3 (4)	
Tier 3 (4)	Breadth or Elective (4)	Breadth or Elective (4)	
	Breadth or Elective (4)	Breadth or Elective (4)	
<i>Units 12</i>	<i>16</i>	<i>16</i>	<i>(44) 182 total</i>

**Math Placement is MATH 7B or higher**

	<b>Fall</b>	<b>Winter</b>	<b>Spring</b>	<b>Summer</b>
<u>Year One</u>	Math 7B (4)	CHEM 1B, 1LB (5)	CHEM 1C, 1LC (5)	
	CHEM 1A, 1LA (5)	BIOL 5A, 5LA (5)	BIOL 5B (4)	
	ENGL 1A (4)	ENGL 1B (4)	ENGL 1C (4)	
	Breadth or Elective (4)			
	<i>Units 17</i>	<i>14</i>	<i>13</i>	<i>(44)</i>
<u>Year Two</u>	CHEM 8A, 8LA (4)	CHEM 8B, 8LB (4)	CHEM 8C, 8LC (4)	
	BIOL 5C (4)	CBNS 106 (4)	Physics 2A, 2LA (5)	
	Breadth or Elective (4)	STAT 10 (5)	Breadth or Elective (4)	
	Breadth or Elective (4)		Breadth or Elective (4)	
	<i>Units 16</i>	<i>13</i>	<i>17</i>	<i>(46)</i>
<u>Year Three</u>	BCH 100 (4)	CBNS 120 (4)	CBNS 120L (2)	
	PHYS 2B, 2LB (5)	PHYS 2C, 2LC (5)	Tier 2 (4)	
	Breadth or Elective (4)	Tier 2 (4)	Breadth or Elective (4)	
	Breadth or Elective (4)	Breadth or Elective (4)	Breadth or Elective (4)	
	<i>Units 17</i>	<i>17</i>	<i>14</i>	<i>(48)</i>
<u>Year Four</u>	CBNS 124 (4)	Tier 2 (4)	Tier 2 (4)	
	Tier 2 (4)	Tier 3 (4)	Tier 3 (4)	
	Tier 3 (4)	Breadth or Elective (4)	Breadth or Elective (4)	
		Breadth or Elective (4)	Breadth or Elective (4)	
	<i>Units 12</i>	<i>16</i>	<i>16</i>	<i>(44) 182 total</i>

*\*MATH5 if taken before Fall 2022*