

Neuroscience

B.S. Sample Program Plans

2017 Catalog Year – Present Catalog

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 120 L (2)	
PHYS 2A, 2LA (5)	PHYS 2B, 2LB (5)	PHYS 2C, 2LC (5)	
Breadth or Elective (4)	CBNS 120 (4)	STAT 100A (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 100A (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 5

Year One

Fall	Winter	Spring	Summer
MATH 5 (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 100A (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 100A (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

Year One

Fall	Winter	Spring	Summer
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>

Year Two

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 100A (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>



Neuroscience

B.S. Sample Program Plans 2016 and prior Catalog Years

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 9A (4)	MATH 9B (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 120 L (2)	
PHYS 2A, 2LA (5)	PHYS 2B, 2LB (5)	PHYS 2C, 2LC (5)	
Tier 3 (4)	CBNS 120 (4)	Tier 2 (4)	
		Breadth or Elective (4)	
<i>Units 13</i>	<i>13</i>	<i>17</i>	<i>(43)</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)	Tier 3 (4)	
STAT 100A (5)	Breadth or Elective (4)	Breadth or Elective (4)	
<i>Units 17</i>	<i>16</i>	<i>16</i>	<i>(49) 184 total</i>

Math Placement is MATH 6A

Year One

Fall	Winter	Spring	Summer
MATH 6A (4)	MATH 6B (4)	MATH 9A (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 9B (4)	CBNS 106 (4)	Breadth or Elective (5)	
<i>Units 12</i>	<i>12</i>	<i>13</i>	<i>(37)</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 100A (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)	
Tier 3 (4)	Tier 3 (4)	Breadth or Elective (4)	
<i>Units 12</i>	<i>12</i>	<i>12</i>	<i>(36) 182 total</i>

Math Placement is MATH 5

	Fall	Winter	Spring	Summer
<u>Year One</u>	MATH 5 (5)	MATH 9A (4)	MATH 9B (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>
<u>Year Two</u>	CHEM 1C, 1LC (5)	CHEM 8A, 8LA (4)	CHEM 8B, 8LB (4)	
	BIOL 5B (4)	BIOL 5C (4)	PHYS 2A, 2LA (5)	
	STAT 100A (5)	CBNS 106 (4)	Breadth or Elective (4)	
			Breadth or Elective (4)	
	<i>Units 14</i>	<i>12</i>	<i>17</i>	<i>(43)</i>
<u>Year Three</u>	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)	Tier 3 (4)	
			Breadth or Elective (4)	
	<i>Units 13</i>	<i>13</i>	<i>14</i>	<i>(40)</i>
<u>Year Four</u>	CBNS 124 (4)	Tier 2 (4)	Tier 2 (4)	
	Tier 2 (4)	Tier 3 (4)	Tier 3 (4)	
	Tier 2 (4)	Tier 3 (4)	Tier 3 (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 9A

	Fall	Winter	Spring	Summer
<u>Year One</u>	Math 9A (4)	MATH 9B (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>
<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)	
	ENGL 1C (4)	STAT 100A (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)	
	Tier 3 (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)	Tier 3 (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 9B or higher

Year One

Fall	Winter	Spring	Summer
Math 9B (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>

Year Two

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 100A (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)	Tier 3 (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)	Tier 3 (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>

