

Some Possible Paths through the Chemistry Major

All Chemistry major tracks require at least 8 major courses, together with a culminating experience. Note, the culminating experience requirement can be satisfied by participating in Undergraduate Research (Chemistry 87) for all of the options described below.

Some options that may not require taking two major courses in a term

Year/Term	Fall	Winter	Spring	Summer
Two	51	52	41	63
Three		64	(91) or (92)	
Four (93)		75	76	

Suitable for the Plan B major. Only one of the three courses shown in parentheses would be required for the minimum of 8 courses. The culminating experience course option is 63, 64, and one of 91, 92, or 93.

Year/Term	Fall	Winter	Spring	Summer
Two	51	52	41	63
Three		75	76	
Four (93), (96.X)		64	(91) or (92)	

Suitable for Plan A or Plan B. Only one of the four courses shown in parentheses would be required for the minimum of 8 courses. The culminating experience course options are 63, 64, and one of 91, 92, or 93 (Plan B); or 75, 76, 96.X (Plan A).

Year/Term	Fall	Winter	Spring	Summer
Two		57	58	63
Three		75	76	
Four (93), (96.X)		64	(41) or (91) or (92)	

Suitable for Plan A or Plan B. Only two of the five courses shown in parentheses would be required for the minimum of 8 courses. The culminating experience course options are 63, 64, and one of 91, 92, or 93 (Plan B); or 75, 76, 96.X (Plan A).

Year/Term	Fall	Winter	Spring	Summer
Two		57	58	63
Three		64	(41) or (91) or (92)	
Four (93)		75	76	

Suitable for the Plan B major. Only two of the four courses shown in parentheses would be required for the minimum of 8 courses. The culminating experience course option is 63, 64, and one of 91, 92, or 93.

Year/Term	Fall	Winter	Spring	Summer
Two	51	52	41	63
Three		75	(96.04)	
Four (93)		64	76	

Suitable for Plan A or Plan B. The culminating experience course option is 63, 64, and 93 (Plan B); or 75, 76 and 96.04 (Plan A). (Chem 96.04 does not require Chem 76)

Year/Term	Fall	Winter	Spring	Summer
Two		57	58	63
Three		75	41	
Four (93)		64	76	

Suitable for Plan B. The culminating experience course option is 63, 64, and 93.

Year/Term	Fall	Winter	Spring	Summer
One	11	57	58	
Two		64	41	63
Three		75	76	
Four (93), (95.X), (96.X)			(91) or (92)	

This plan requires credit on entrance for Mathematics 3 and Chemistry 5.

Suitable for Plan A, B, or Biophysical. Only one of the five courses shown in parentheses would be required for the minimum of 8 courses. The culminating experience course options are 75, 76, 96.X (Plan A); or 63, 64, and one of 91, 92, or 93 (Plan B); or 75, 76, 95.X (Biophysical).

Some options that require taking two major courses in just ONE term

Year/Term	Fall	Winter	Spring	Summer
Two			51	52 and 63
Three		75	76	
Four (93), (96.X)		64	(41) or (91)	

Suitable for Plan A or Plan B. Two of the four courses shown in parentheses would be required for the minimum of 8 courses. The culminating experience course options are 63, 64, and 91 or 93 (Plan B); or 75, 76, 96.X (Plan A).

Year/Term	Fall	Winter	Spring	Summer
Two		57	58	63
Three		75	41 and 76	
Four (93), (96.X)		64	(91) or (92)	

Suitable for Plan A or Plan B. One of the four courses shown in parentheses would be required for the minimum of 8 courses. The culminating experience course options are 63, 64, and one of 91, 92 or 93 (Plan B); or 75, 76, 96.X (Plan A)

Year/Term	Fall	Winter	Spring	Summer
Two	51	52		63
Three		64	41	
Four (93)		75	76 and (91) or (92)	

Suitable for Plan B. One of the three courses shown in parentheses would be required for the minimum of 8 courses. The culminating experience options are 63, 64, and one of 91, 92 or 93.

Some options for the Biophysical Chemistry major

Year/Term	Fall	Winter	Spring	Summer
Two	51	52	41	(63)
Three		64 and 75	76	
Four (93), 95.X			(91) or (92)	

Only one of the four courses shown in parentheses would be required for the minimum of 8 courses. The culminating experience course options are 75, 76, 95.X; or 63, 64, and one of 91, 92 or 93.

Year/Term	Fall	Winter	Spring	Summer
Two	51	52		(63)
Three		64 and 75	41 and 76	
Four (93), 95.X			(91) or (92)	

Only one of the four courses shown in parentheses would be required for the minimum of 8 courses. The culminating experience course options are 75, 76, 95.X; or 63, 64, and one of 91, 92 or 93.

Year/Term	Fall	Winter	Spring	Summer
Two		57	58	(63)
Three		64 and 75	41 and 76	
Four (93), 95.X			(91) or (92)	

Only one of the four courses shown in parentheses would be required for the minimum of 8 courses. The culminating experience course options are 75, 76, 95.X; or 63, 64, and one of 91, 92 or 93.



Representative schedule of courses for Biological Chemistry majors

No Chemistry or Mathematics credits on entrance

Year/Term	Fall	Winter	Spring	Summer
One	Math 3	Chem 5 Math 8	Chem 6 Bio 12 ^{††}	
Two	Chem 51 [†] Phys 13	Chem 52 [†]	Phys 14	[Chem 63]* Biol 13
Three		Chem 40 [†] Chem 64 [†]	Chem 41 [†]	
Four [Chem 95.X]*	Chem 42 [†]		[Chem 92]*	

[†] Required for major (6)

^{††} Students may wish to take Biol 11 before taking Biol 12

* Possible additional courses (2 needed for major; at least 1 must have a biochemical focus)

Credit on entrance for Math 3 and placement into Chem 11

Year/Term	Fall	Winter	Spring	Summer
One	Chem 11 Math 8 or 11	Phys 13	Bio 12 ^{††} Phys 14	
Two	Chem 51 [†]	Chem 52 [†] Biol 13	Chem 41 [†]	[Chem 63]*
Three		Chem 40 [†] Chem 64 [†]		
Four [Chem 95.X]*	Chem 42 [†]		[Chem 92]*	

[†] Required for major (6)

* Possible additional courses (2 needed for major; at least 1 must have a biochemical focus)

^{††} Students may wish to take Biol 11 before taking Biol 12

Year/Term	Fall	Winter	Spring	Summer
One	Chem 11 Math 8 or 11	Phys 13	Bio 12 ^{††} Phys 14	
Two		Chem 57 [†] Biol 13	Chem 58 [†]	[Chem 63]*
Three		Chem 40 [†] Chem 64 [†]	Chem 41 [†]	
Four [Chem 95.X]*	Chem 42 [†]		[Chem 92]*	

[†] Required for major (6)

* Possible additional courses (2 needed for major; at least 1 must have a biochemical focus)

^{††} Students may wish to take Biol 11 before taking Biol 12

The Chemistry Department's Undergraduate Advisory Committee (UAC) is always available to help you find the path that is best suited for you.