

## Chemistry Curriculum (B.S. in Chemistry)

### First Year

<i>First Semester</i>			<i>Second Semester</i>		
Quim 3041	General Chemistry I	4	Quim 3042	General Chemistry II	4
Mate 3005	Precalculus	5	Mate 3031	Calculus I	4
Huma 3111	Humanities I and II	3	Huma 3112	Humanities III and IV	3
Espa 3101	Basic Spanish	3	Espa 3102	Basic Spanish	3
Ingl 3xxx	Basic English	3	Ingl 3xxx	Basic English	3
			Edfi	Physical Education	1
Total		18	Total		18

### Second Year

<i>First Semester</i>			<i>Second Semester</i>		
Quim 3071	Organic Chemistry I	4	Quim 3072	Organic Chemistry II	4
Cibi 3031	Biological Sciences or	3	Cibi 3032	Biological Sciences or	3
Biol 3051	General Biology*	4	Biol 3052	General Biology*	4
Mate 3032	Calculus II	4	Mate 3063	Calculus III	3
Ingl 3xxx	2 <sup>nd</sup> Year English	3	Ingl 3xxx	2 <sup>nd</sup> Year English	3
Fisi 3171	Physics I	4	Fisi 3172	Physics II	4
			Fisi 3173	Physics Lab I	1
Total		18-19	Total		18-19

### Third Year

<i>First Semester</i>			<i>Second Semester</i>		
Quim 3025	Analytical Chemistry I	4	Quim 3065	Analytical Chemistry II	4
Quim 4041	Physical Chemistry I	3	Quim 4042	Physical Chemistry II	3
Fisi 3174	Physics Lab II	1	Quim 4101	Physical Chemistry Lab I	1
Espa 3xxx	2 <sup>nd</sup> Year Spanish	3	Espa 3xxx	2 <sup>nd</sup> Year Spanish	3
Quim 4055	Biochemistry	3		Professional Elective	3
	Elective	3		Elective	3
Total		17	Total		17

### Fourth Year

<i>First Semester</i>			<i>Second Semester</i>		
Quim 4000	Inorganic Chemistry	3	Quim 4015	Instrumental Analysis	4
Quim 4007	Inorganic Chemistry Lab	1	Quim 4125	Seminar and Bibliography	2
Quim 4102	Physical Chemistry Lab II	1	Edfi	Physical Education	1
	Professional Elective	3		Elective	3
	Recommended Elective	3		Recommended Elective	3
	Social Sciences Requisite*	3		Social Sciences Requisite*	3
	Elective	3			
Total		17	Total		16

### Biochemistry Certification

\* Select a course from: ANTR 3005, 3015; ANTR/CISO 4066; SOCI 3016, 3261-3262, 3315; CIPO 3011, 3025, 3035, 3036, 3095, 3175, 4016, 4236; GEOG 3155, 3185, HIST, PSIC 3001-3002; CISO 3121-3122; ECON 3021-3022, 3091-3092, 4037, 4056.