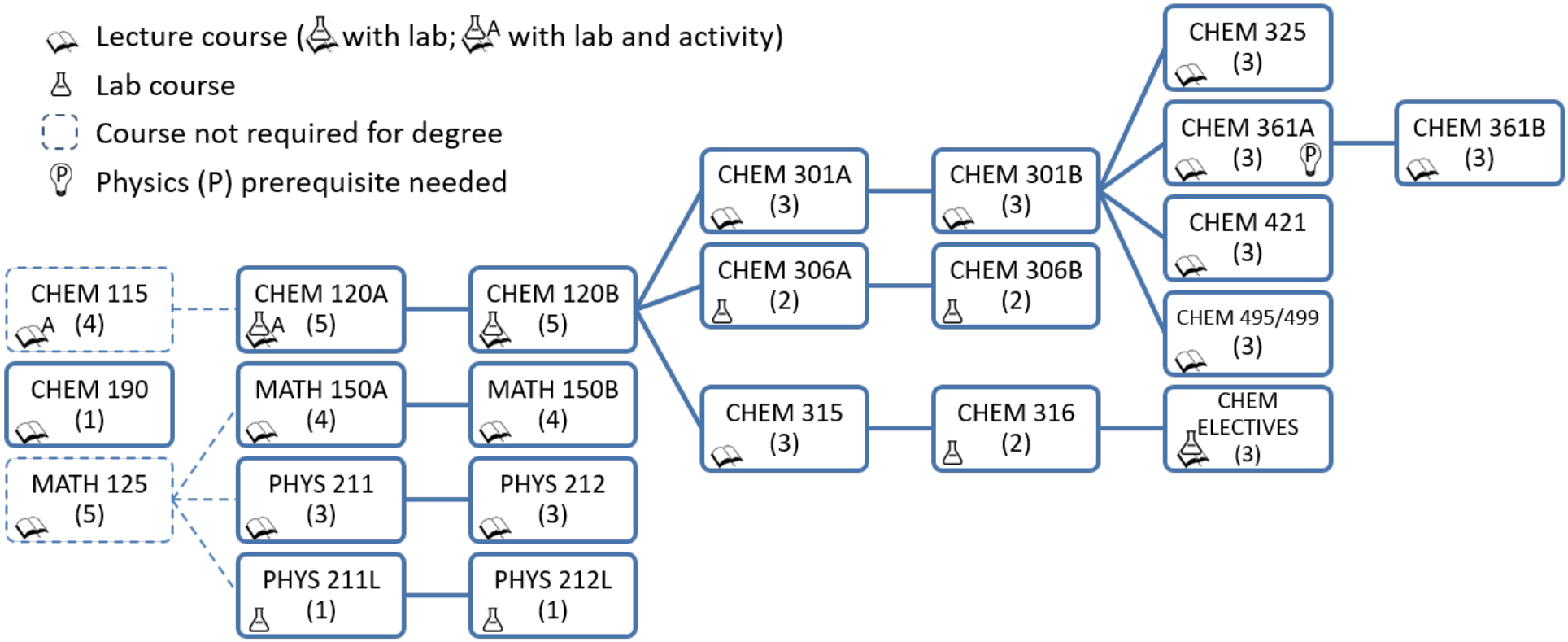
B.A. Chemistry

Full-time students, 4 – 5 year degree program

- Lecture course (with lab; A with lab and activity)
- Lab course
- Course not required for degree
- Physics (P) prerequisite needed



Recommended schedule: *12 – 15 units* per semester for full-time students

[X] Course (# units)

[X]–[Y] Prerequisite – you must pass X (C or better) before enrolling in Y

Other resources:

- Academic Advisement Center (GE), UH-123, 657-278-3606
- Health Professions Advising, UH-223, 657-278-3980

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B.A. Chemistry Degree Requirements

The Bachelor of Arts in Chemistry is offered for students who are planning careers that require a sound background in fundamental chemistry, but not the specialized training needed by a professional chemist. The B.A. program is particularly suited for those who plan to go into areas such as secondary education, technical sales, food processing, chemical patent law, forensic science, environmental law, and business administration (MBA).

The following is a list of the required courses for the B.A. in Chemistry:

Chemistry Courses

Course number	Course title	Units
Chem 120 A, B	General Chemistry	10
Chem 190	Career Options in Chemistry and Biochemistry	1
Chem 301 A, B	Organic Chemistry	6
Chem 306 A, B	Organic Chemistry Laboratory	4
Chem 315, 316	Quantitative Chemistry with Laboratory	5
Chem 325	Inorganic Chemistry	3
Chem 361 A, B*	Introduction to Physical Chemistry	6
Chem 421	Biological Chemistry	3
Chem 495 / 499	Senior Research	3
	Chemistry electives	3
		44

Related Courses

Course number	Course title	Units
Phys 211, 212*	Elementary Physics	6
Phys 211 L, 212 L*	Elementary Physics Laboratory	2
Math 150 A, B	Analytical Geometry and Calculus	8
		16

* The following substitutions are acceptable and depending on your career goals, may be recommended:
Chem 371 A, B for Chem 361 A, B
Phys 225, 226 for Phys 211, 212
Phys 225 L, 226 L for Phys 211 L, 212 L