

BSE Chemistry Degree Four Year Plan Checklist with Mathematics Minor

It is very important that the incoming student immediately begins their math, chemistry and physics, since chemistry is highly vertically integrated and math and physics are the prerequisites. The following is a suggested course of study only for students majoring in BSE Chemistry with a Math minor. It is also important that students need to see an advisor in Education for advising in Education. *This document is not legally binding: it is intended only to give guidance in planning one's program.*

Year One

Course	Credit	Course	Credit
CHEM 102	5	CHEM 104	5
MATH 152	5	MATH 253	5
ENGLISH 101	3	ENGLISH 102	3
GENED 130	3	SPECED 205	3
INTRAUNV 104	1	PEGNRL 192	1
Total	17		17

Summer Year 1

Course	Credit
BIOLOGY 214	3
GENED Elective (GA;GE;GH;GI;GS)*	3
COMM 110	3
Total	9

Year Two

Course	Credit	Course	Credit
CHEM 251	3	CHEM 252	3
CHEM 261	2	CHEM 262	2
CHEM 352	5	MATH 254	5
PHYSICS 140 or PHYSICS 180	5	PHYSICS 141 or PHYSICS 181	5
GENED 110	3		
Total	18		15

Summer Year 2

Course	Credit
GENED Elective (GA;GE;GH;GI;GS)*	3
GENED Elective (GA;GE;GH;GI;GS)*	3
Total	6

Year Three

Course	Credit	Course	Credit
MATH 280	3	CHEM 371	3
CHEM 370	3	MATH 353	5
MATH 342	3	CHEM Elective	3
GENED 120/140	3	MATH 355 or 452	3
ENGLISH 372 / 371	3	GENED 390	3
Total	15		17

Summer Year 3

Course	Credit
EDFOUND 212	3
* EDFOUND 243	3
EDFNDPRC 210	3
Total	9

Year Four

Course	Credit	Course	Credit
SECNDED 429	3	CIFLD 414/412	12
SECNDED 428 or SECNDED 421	3	CIGNRL 470 (optional)	2
EDFOUND 425	3		
SECNDED 466	3		
CIFLD 402/404	2		
CIFLD 492	3		
Total	17	Total	14

Total Credits = 154

* At least eight (8) credits are needed in GA, GE, GH, GI or GS. No more than 1 course from any one subject area may be counted. Course EDFOUND 243 meets diversity requirement.

**Passing scores on a qualifying test must be on file prior to registering for the Foundations Block (i.e. before Summer, Year 3 in the above plan).

***Passing scores on the Praxis II content test in the major licensure area (General Science in the above plan) must be on file by the **First** month of the **semester prior** to the semester scheduled for Student Teaching (due by August of Year 4 in the above plan). Passing scores on the Praxis II test in the minor licensure area (Mathematics in the above plan) are due prior to licensure recommendation.