

Chemistry AS (UPE) Two-Year Coursework Roadmap

Year 1

Instructions:

Be sure to work with a counselor to make sure that your choices work for all of your intended transfer institutions.

1. Take GUIDE 120.¹
2. Take MATH 171/181.
3. Take CHEM 101.²
4. Take ENGL 100 or 101.
5. Take PHYS 165³ (with PHYS 166³)
6. Take CHEM 102.
7. Take ENGL 103.
8. Pick one course from the list of General Education Options –CSU GE: C1 / IGETC 3A.
9. Pick one course from the list of General Education Options –CSU GE: D / IGETC 4.¹
10. Take COMM 100.¹

¹ Recommended for the summer semester.

² For students who did not complete high school chemistry with a grade of C or higher taking CHEM 142 first is recommended for success.

³ PHYS 101 is recommended for transfer by area faculty. Completion of MATH 171 and either PHYS 165 or high school physics are the prerequisites for PHYS 101. Please see your counselor if you have questions.

Course Selections:

Course Selections:	Units	Term
1. GUIDE 120	<u>3</u>	_____
2. MATH 171/181	<u>5</u>	_____
3. CHEM 101	<u>5</u>	_____
4. ENGL 100 or 101	<u>3 or 5</u>	_____
5. PHYS 165 (with PHYS 166)	<u>4 or 5</u>	_____
6. CHEM 102	<u>5</u>	_____
7. ENGL 103	<u>3</u>	_____
8. _____ general education selection	<u>3</u>	_____
9. _____ general education selection	<u>3</u>	_____
10. Take COMM 100	<u>3</u>	_____

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Year 2

Be sure to work with a counselor to make sure that your choices work for all of your intended transfer institutions.

11. Take CHEM 112.
12. Take PHYS 101 (with PHYS 121¹)
13. Take ART 102/CMPGR 202² or any MJC Activities course (s) for a total of at least 2 units.
14. Take HIST 101 or HIST 102.
15. Take CHEM 113.
16. Take BIO 101³ or BIO 111.
17. Pick one course from the list of General Education Options –CSU GE: C2 / IGETC 3B.
18. Pick one course from the list of General Education Options – CSU GE: C1 or C2 / IGETC 3A or 3B.
19. Take POLSCI 101
20. If you are using CSU GE take one course from Area E⁴. If you are using IGETC and have not taken at least two years of foreign language in high school take one course that from General Education – IGETC 6A (FREN 101, GERM 101, ITAL 101, SIGN 125 or SPAN 101).

¹ Recommended for success by area faculty.

² Art 102/CMPGR 202 is available online.

³ BIO 101 is recommended for transfer in Chemistry by area faculty. See your counselor for the requirements of your transfer institution(s).

⁴HE 115 is recommended by area faculty.

Course Selections:

Course Selections:	Units	Term
11. CHEM 112	<u>4</u>	_____
12. PHYS 101 (with PHYS 121)	<u>4 or 5</u>	_____
13. _____ Activities selection (s)	<u>2-3</u>	_____
14. HIST 101 or HIST 102	<u>3</u>	_____
15. CHEM 113	<u>4</u>	_____
16. BIO 101 or BIO 111	<u>4</u>	_____
17. _____ general education selection	<u>3</u>	_____
18. _____ general education selection	<u>3</u>	_____
19. POLSCI 101	<u>3</u>	_____
20. _____ general education selection	<u>3-5</u>	_____
Expected Term of Graduation	_____	_____

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General Education Options –CSU GE: C / IGETC: 3

One of your IGETC 3 course selections should satisfy the 3A requirement and one should satisfy the 3B requirement.

Course #	Course Title	GE Area(s)
ART 160	Appreciation of Art	IGETC: 3A*
MUSG 101	Music Appreciation	IGETC: 3A*
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HUMAN 101	Introduction to the Humanities	IGETC: 3B*
PHILO 101	Philosophy Application -or-	IGETC: 3B*
PHILO 111	Ethics: Theory & Application	IGETC: 3B

* Online offerings available.

These are recommendations from area faculty. Alternative selections can be made using MJC's general education lists in the catalog. Please see your counselor for assistance in choosing alternate courses.

General Education Options – CSU GE: D / IGETC Area 4

Course #	Course Title	GE Area(s)
ANTHR 101	Biological Anthropology -or-	CSU GE: D / IGETC: 4
ANTHR 102	Cultural Anthropology	CSU GE: D / IGETC: 4
CLDDV 103	Child Growth & Development	CSU GE: D / IGETC: 4
ECON 101	Principles of Macroeconomics	CSU GE: D / IGETC: 4
HE 115	Drugs, Health & Society	CSU GE: E / IGETC: 4
PSYCH 101	General Psychology -or-	CSU GE: D / IGETC: 4
PSYCH 104	Introduction to Social Psychology	CSU GE: D / IGETC: 4

These are recommendations from area faculty. Alternative selections can be made using MJC's general education lists in the catalog. Please see your counselor for assistance in choosing alternate courses.