

## CHEMISTRY OPTION

### Chemistry Option, Liberal Arts AA (CHEM-AA)

Communications Area	6 Credit Hours
ENC 1101 English Composition I	3
ENC 1102 English Composition II	3
Humanities Area	9 Credit Hours
Visual and Performing Arts (See General Education Requirements)	3
+*Philosophy/Religion (See General Education Requirements)	3
+*Literature (See General Education Requirements)	3
Mathematics Area	8 Credit Hours
MAC 2311 Calculus/Anal Geometry I	4
MAC 2312 Calculus/Anal Geometry II	4
Natural Sciences Area	6 Credit Hours
CHM 1045 General Chemistry	3
Biological Science (See General Education Requirements)	3
Social Sciences Area	9 Credit Hours
Behavioral Sciences (See General Education Requirements)	3
History (See General Education Requirements)	3
Government (See General Education Requirements)	3
Additional Common Prerequisites	21 Credit Hours
CHM 1045L General Chemistry Laboratory	1
CHM 1046 Gen Chem & Qual Analysis	3
CHM 1046L Gen Chem & Qual Analysis Lab	1

NOTE: The PHY2048/2049 sequence is required for the Bachelor in Science degree. It is an option for the Bachelor in Arts degree.

The PHY 2053/2054 sequence is not accepted for the Bachelor in Science degree.

**Students must also complete one of the following two#semester sequences in science:** 16

- +CHM2210, Organic Chemistry I, 3 crs.
- +CHM2210L, Organic Chemistry I Lab, 2 crs.
- +\*CHM2211, Organic Chemistry II, 4 crs.
- +CHM2211L, Organic Chemistry II Lab, 1 cr.

Electives<sup>1</sup>, 8 crs.

OR

- +PHY2048, University Physics I, 4 crs.
- +PHY2048L, University Physics I Lab, 1 cr.
- +PHY2049, University Physics II, 4 crs.
- +PHY2049L, University Physics II Lab, 1 cr.

Electives<sup>2</sup>, 6 crs.

OR

- +PHY2053, College Physics I, 3 crs.
- +PHY2053L, College Physics I Lab, 1 cr.
- +PHY2054, College Physics II, 3 crs.
- +PHY2054L, College Physics II Lab, 1 cr.

Electives, 8 crs.

<sup>1</sup>University Physics is required for advanced degrees in chemistry.

<sup>2</sup>GCSC strongly recommends that students pursuing a chemistry transfer track complete the chemistry sequence through CHM2211 before transferring.

• General Education Core. Students must complete at least one identified core course in each area of study—Communications, Humanities, Mathematics, Natural Sciences, and Social Sciences—as part of the general education course requirements.

+ Prerequisites and/or corequisites required. See course descriptions.

\* Minimum grade of "C" required.

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