

Suggested Course Sequence – 2009-10

Milligan College, TN

www.milligan.edu | 423.461.8700



CHEMISTRY (BS)

Fall Semester	Hours	Spring Semester	Hours
Freshman			
BIBL 123 Old Testament Survey	3	BIBL 124 New Testament Survey	3
HUMN 101 Ancient & Medieval Cult.	4	HUMN 102 Renais. & Early Mod. Cult.	4
PSYC 100 Intro to College & Service	½	COMP 111 Rhetorical Composition	3
CHEM 170 General Chemistry I	4	HPXS 101 Fitness for Life	1
Social Learning Course	3	CHEM 171 General Chemistry II	4
TOTAL	14.5	TOTAL	15
Sophomore			
HUMN 201 18 th & 19 th Cent. Cult.	4	HUMN 202 Cult./20 th & Early 21 st Cent.	4
CHEM 301 Organic Chemistry I	3	CHEM 302 Organic Chemistry II	5
MATH 211 PreCalc/Calculus I	4	MATH 212 Calculus II (*)	4
COMP 211 Found. Analytical Comp.	3	COMM 102 Speech Communication	3
Social Learning Course	3	PSYC 210 Intro to Calling & Career	½
TOTAL	17	TOTAL	16.5
Junior			
CHEM 202 Quantitative Analysis	4	CHEM Elective	4
PHYS 203 General Physics I	4	PHYS 204 General Physics II	4
MATH 307 Linear Algebra (**)	3	Ethnic Studies Course	3
Elective	3	Electives	6
TOTAL	15	TOTAL	17
Senior			
CHEM Elective	4	CHEM Elective	4
HPXS Activity	1	BIBL 471 Christ & Culture	3
Electives	12	Electives	9
TOTAL	17	TOTAL	16

[The minimum total of 128 hours for graduation are shown]

(*) MATH 212 is required as a prerequisite for CHEM 401 and 402

(**) MATH 307 is highly recommended as a prerequisite for CHEM 402

Depending upon a student's post-baccalaureate plans, other courses may be required for admission to graduate programs so please **CONSULT** with your advisor.

FALL Chemistry Electives

CHEM 310 Biochemistry
CHEM 401 Physical Chemistry

SPRING Chemistry Electives

CHEM 203 Instrumental Analysis
CHEM 402 Quantum Chemistry
CHEM 405 Adv. Inorganic Chemistry

Offered as Needed:

CHEM 311 Organic Qualitative Analysis
CHEM 490 Research Problem
CHEM 491 Internship with Crown Labs (Quality Control & Quality Assurance)
CHEM 495 Seminar

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CHEM 301 Organic Chemistry I	3	CHEM 302 Organic Chemistry II	5
Foreign Language	3	Foreign Language	3
COMP 211 Found. Analytical Comp.	3	COMM 102 Speech Communication	3
MATH 211 PreCalc/Calculus I	4	HPXS 101 Fitness for Life	1
		PSYC 210 Intro to Calling & Career	½
TOTAL	17	TOTAL	16.5
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Elective	3	Social Learning Course	3
TOTAL	17	TOTAL	15
Senior			
BIBL 471 Christ & Culture	3	Ethnic Studies Course	3
Electives	14	Electives	13
TOTAL	17	TOTAL	16

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