

**SAMPLE COURSE PLAN FOR CHEMISTRY**  
**SAMPLE MAJOR WITH BIOMOLECULAR SCIENCE EMPHASIS**  
**SAMPLE DEGREE**

**FIRST YEAR**

FIRST SEMESTER			SECOND SEMESTER		
Subj/Course	Title	Credits	Subj/Course	Title	Credits
Chem 105	General Chem I	5	Biol 105	Biol Concepts – Unity	4
Math 108	Precalculus	4	Chem 106	General Chem II	5
GEN ED	WBIS 188	3	Math 171	Calculus I	4
GEN ED	Phy Ed	2	GEN ED	Communication 111	3
TOTAL		14	TOTAL		16

**SECOND YEAR**

FIRST SEMESTER			SECOND SEMESTER		
Subj/Course	Title	Credits	Subj/Course	Title	Credits
Chem 235	Organic Chem I	4	Biol 323	Molec & Cell	3
Phys 107	General Phys I	4	Chem 335	Organic Chem II	4
Math 201	Statistics	3	Phys 108	General Phys II	4
GEN ED	(HU) Lit	3	GEN ED	(HU) Fine Arts	3
GEN ED	(SS)	3			
TOTAL		17	TOTAL		14

**THIRD YEAR**

FIRST SEMESTER			SECOND SEMESTER		
Subj/Course	Title	Credits	Subj/Course	Title	Credits
Biol 343	Genetics	4	Chem 320	Intro to Instrumental	3
Chem 303	Biochemistry	3	Chem 365	Biophysical Chem	3
Chem 304	Biochem Lab	1	GEN ED	(HU) Foreign Lang	3
GEN ED	(HU) Phil/Rel Stds	3	GEN ED	(SS) Choice	3
GEN ED	Composition Advanced	3	GEN ED	Choice	3
GEN ED	(SS) History	3	GEN ED	Choice	3
TOTAL		17	TOTAL		18

**FOURTH YEAR**

FIRST SEMESTER			SECOND SEMESTER		
Subj/Course	Title	Credits	Subj/Course	Title	Credits
UPPER LEVEL	Biol elective	3	UPPER LEVEL	Biol lab	4
Chem 315	Adv. Biochem	3	Chem 490	Dept Seminar	0.5
Chem 490	Dept Seminar	0.5	GEN ED	(ES) Ethnic Studies	3
GEN ED	(NW)	3	GEN ED	Choice	3
GEN ED	(SS)	3	Upper Level	Science Elective	5
TOTAL		12.5	TOTAL		15.5

\*This is a sample schedule that is not intended to substitute for academic advising. For information about other options, students are strongly urged to consult with an academic advisor.

\*A minimum of 120 credits are required to earn a Bachelor's degree at UW Oshkosh of which a minimum of 35 credits must be upper level (300-400#), 42 upper-level credits are required for education majors.

\*This course plan assumes no remedial course work is required

\*This course plan assumes student meets all course prerequisites and program requirements to progress in the major (ie: GPA, etc.)

\*Students are strongly urged to consult with an academic advisor to learn about non-course requirements (ie: portfolios, tests, internships, etc.)

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\*Students can choose either the Bachelor of Arts (BA) or Bachelor of Science (BS) degree for this major