

**SAMPLE COURSE PLAN FOR CHEMISTRY**  
**SAMPLE MAJOR WITH PROFESSIONAL BIOCHEMISTRY 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	WBIS188	3	Math 171	Calculus I	4
GEN ED	(SS) History	3	GEN ED	Communication 111	3
TOTAL		15	TOTAL		16

**SECOND YEAR**

FIRST SEMESTER			SECOND SEMESTER		
Subj/Course	Title	Credits	Subj/Course	Title	Credits
Chem 235	Organic Chem I	4	Chem 335	Organic Chem II	4
Math 172	Calc II	4	Math 273	Calc III	4
Phys 109	General Phys I	5	Phys 110	General Phys II	5
GEN ED	(HU) Lit	3	GEN ED	(HU) Fine Arts	3
TOTAL		16	TOTAL		16

**THIRD YEAR**

FIRST SEMESTER			SECOND SEMESTER		
Subj/Course	Title	Credits	Subj/Course	Title	Credits
Chem 221	Modern Analytical	4	Chem 303	Biochemistry	3
Chem 370	Physical Chem I	4	Chem 371	Physical Chem II	4
			GEN ED	(HU) Foreign Lang/Choice	3
GEN ED	Composition Advanced	3	GEN ED	(SS) Choice	3
GEN ED	(SS) Choice	3	STUDENT	Choice (Upper Level)	3
GEN ED	Phy Ed 105	2			
TOTAL		16	TOTAL		16

**FOURTH YEAR**

FIRST SEMESTER			SECOND SEMESTER		
Subj/Course	Title	Credits	Subj/Course	Title	Credits
Chem 304	Biochem Lab	1	Upper Level	Biology Elective	3
Chem 315	Adv. Biochem	3	Chem 421	Instrumental Analysis	4
Chem 470	Adv. Inorganic	4	Chem 490	Dept Seminar	0.5
Chem 490	Dept Seminar	0.5	GEN ED	(ES)	3
GEN ED	(NW)	3	GEN ED	(HU) Phil/Rel Stds	3
GED ED	(SS) Choice	3			
TOTAL		14.5	TOTAL		13.5

\*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.)

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