

**SAMPLE COURSE PLAN FOR  
APPLIED MATH  
BS DEGREE**

**FIRST YEAR**

FIRST SEMESTER			SECOND SEMESTER		
Subj/Course	Title	Credits	Subj/Course	Title	Credits
Math171	Calculus I	4	Math 172	Calculus II	4
GEN ED	WBIS188	3	GEN ED	Communication 111	3
GEN ED	Phy Ed 105	2	GEN ED	(NS)	4
GEN ED	Computer Sci. 221	3	GEN ED	(SS) History	3
GEN ED	(NW)	3			
TOTAL		15	TOTAL		14

**SECOND YEAR**

FIRST SEMESTER			SECOND SEMESTER		
Subj/Course	Title	Credits	Subj/Course	Title	Credits
Math 273	Calculus III	4	Math 222	Introduction to Abstract Mathematics	3
Math 301	Probability and Statistics	3	Math 256	Introduction to Linear Mathematics	3
GEN ED	(HU) Literature	3	GEN ED	(HU) Fine Arts	3
GEN ED	(SS) Choice	3	GEN ED	(SS) Choice	3
GEN ED	Elective	3	GEN ED	(NS)	4
TOTAL		16	TOTAL		16

**THIRD YEAR**

FIRST SEMESTER			SECOND SEMESTER		
Subj/Course	Title	Credits	Subj/Course	Title	Credits
Math 355	Introduction to Numerical Analysis	3	Math 356	Linear Numerical Analysis	3
Math 375	Vector and Complex Analyses	3	Math 371	Differential Equations	3
GEN ED	(HU) Phil./Rel. Stds	3	GEN ED	(HU) Humanities	3
GEN ED	Advanced Composition	3	GEN ED	(ES) Ethnic Studies	3
GEN ED	(SS) Choice	3	(NS)	(NS)	4
TOTAL		15	TOTAL		16

**FOURTH YEAR**

FIRST SEMESTER			SECOND SEMESTER		
Subj/Course	Title	Credits	Subj/Course	Title	Credits
Math 376	Partial Differential Equations and Boundary Value Problems	3	Math 365	Math Modeling	2
			Math 467	Introduction to Real Analysis	3
GEN ED	Elective	3	GEN ED	Elective	3
GEN ED	Elective	3	GEN ED	Upper Level Elective	3
GEN ED	Upper Level Elective	3	GEN ED	Upper Level Elective	3
GEN ED	Upper Level Elective	3			

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TOTAL		15	TOTAL		14
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\*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