

Suggested Course Sequence

The following course sequence is suggested for students taking calculus their first semester at Washburn University. If a student requires additional mathematics before taking calculus, they will need to work with faculty advisors to sequence their courses.

Fall Semester

Spring Semester

Freshman

CH 151 Fundamentals of Chem I	5	CH 152 Fundamentals of Chem II	5
MA 151 Calculus I	5	MA 152 Calculus II	5
EN 101 Composition	3	PS 281 General Physics I	5
EG 105 Intro to Engineering	<u>3</u>	Hum or Social Science elective	<u>3</u>
Total Hours: 16		Total Hours: 18	

Sophomore

MA 153 Calculus III	3	MA 241 Differential Equations	3
PS 282 General Physics II	5	MA 301 Linear Algebra	3
EG 250 Statics	3	EG 351 Dynamics	3
CN 150 Public Speaking	3	EG 360 Mechanics of Materials	3
Hum or Social Science elective	<u>3</u>	EC 201 Princ of Macroeconomics	<u>3</u>
Total Hours: 17		Total Hours: 15	

Other courses that may be taken

Humanities or Social Science electives
 Advanced Chemistry electives
 Advanced English electives
 Advanced Mathematics electives
 Advanced Physics electives