

## Sample Three-Year Plan for Engineering Dual-Degree Program

<b>First Year</b>	
<u>Fall Semester:</u> CHEM 121 CHEM 131 ENGL 100 ENGR 101 KW 101 MATH 121	<u>Spring Semester:</u> CHEM 122 CHEM 132 ENGL 102 ENGR 106 General Education Course MATH 221

<b>Second Year</b>	
<u>Fall Semester:</u> CIS 201 or CIS 203 CL 101 General Education Course General Education Course MATH 222 PHYS 204	<u>Spring Semester:</u> General Education Course General Education Course General Education Course Elective PHYS 205

<b>Third Year</b>	
<u>Fall Semester:</u> Elective General Education Course General Education Course MATH 301 PHYS 308 <sup>1</sup>	<u>Spring Semester:</u> Elective Elective (MATH) <sup>3</sup> Elective (SCI) <sup>2</sup> General Education Course

<sup>1</sup>PHYS 344 Heat and Thermodynamics may be substituted for PHYS 308 Modern Physics.

<sup>2</sup>ENGR 221, Statics; ENGR 280, Design of Logic Circuits; PHYS 340, Electronics; PHYS 342, Heat and Thermodynamics; or ENSC 230, Environmental Science.

<sup>3</sup>MATH 306, Applied Linear Algebra; MATH 307, Linear Algebra; MATH 309, Discrete Mathematics; MATH 320, Statistics I; MATH 321, Statistical Analysis; or MATH 403, Partial Differential Equations.

The student would then transfer to an accredited engineering school and finish his or her engineering degree. To complete his or her science degree at Kentucky Wesleyan, the student would transfer back from the engineering school the necessary courses to complete a science major and a total of 128 hours. Additional courses may be required at Kentucky Wesleyan for some of the particular engineering and science degrees.