

LIBERAL ARTS ENGINEERING, BACHELOR OF ARTS/ BACHELOR OF SCIENCE (3-2, DUAL DEGREE PROGRAM)

at Wheaton will meet requirements at the engineering school. Up to eight hours of non-major courses at the engineering school may be transferred back to Wheaton to meet Wheaton requirements.

Requirements for the Wheaton degree include:

Code	Title	Credits
Wheaton Degree Requirements		
ENGR 101	Introduction to the Engineering Profession	1
ENGR 394	Engineering Ethics Capstone	2
PHYS 231	Introductory Physics I	4
PHYS 232	Introductory Physics II	4
PHYS 334	Computer Modeling of Physical Systems	2
Select one of the following:		2-4
ENGR 204	Innovative Design in Engineering ¹	
PHYS 345	Methods of Data Analysis and Presentation ¹	
Supporting Courses		
CHEM 231	General Chemistry I	4
MATH 235	Calculus I	4
MATH 236	Calculus II	4
MATH 237	Calculus III	4
MATH 333	Differential Equations	4
Completion of remaining engineering requirements at an ABET accredited program		
Total Credits		35-37

¹ Students planning a degree in biomedical or chemical engineering are exempt from ENGR 204 or PHYS 345 provided that they take CHEM 341 and CHEM 342.

MATH 245 Linear Algebra is an additional strongly recommended supporting course.

See department for course plans, including additional ENGR and other courses that will satisfy requirements at the engineering school of choice. Students in the engineering program have modified Christ at the Core general education requirements. Students are only required to take one 4 hour Foreign Language course, they are not required to complete the Scientific Issues and Perspectives (SIP) theme, and they should choose 4 of the following 5 themes:

- Diversity in the United States (DUS),
- Global Perspectives (GP),
- Historical Perspectives (HP),
- Literary Explorations (LE),
- Philosophical Investigations (PI).

The remaining Christ at the Core requirements are the same as for all other majors. Some engineering schools will require additional coursework beyond the Wheaton requirements prior to transfer. Some schools may also require Christ at the Core Thematic courses to be taken from specific departments. Students should consult with their advisor and the engineering school of interest to ensure courses taken