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

## 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 | 4 |  |
| 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

${ }^{1}$ 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
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.

