DOCTOR OF PHILOSOPHY IN ENGINEERING (PH.D.)

Purpose
The purpose of the Doctor of Philosophy in Engineering program is to Train Champions for Christ in Engineering, Scholarship and Research.

Program Learning Outcomes
The student will be able to:

1. Integrate qualitative and quantitative tools to perform effective engineering analysis and research.
2. Synthesize complex disparate information into new, valued scholarly contributions that reflect knowledge of the literature of the disciplines.
3. Communicate scholarly contributions in the written context.
4. Communicate scholarly contributions in the oral context.
5. Integrate the Christian worldview in all engineering design and management decisions.

Program Specific Admissions Requirements
In addition to the general admission requirements, admission to candidacy in the Ph.D. in Engineering program requires:

1. Earned Master’s degree in Engineering or any other STEM field from an institution accredited by an agency recognized by the U.S. Department of Education (e.g., SACSCOC, TRACS, ABHE, etc.).
2. A graduate cumulative GPA of 3.0 or above (on a 4.00 scale).
3. TOEFL (if applicable).

Transfer Credit
Students may transfer up to 42 credit hours from an accredited institution subject to department approval. A maximum of 30 hours of 500/600-level coursework may be applied to the degree, whether credit taken for the Ph.D. through Liberty, credit from a Master’s degree completed through Liberty, or credit transferred from another institution. In order to transfer credit, students must have earned the minimum grade of B-, and courses must have been completed within seven (7) years of the start date of the program.

Administrative Dismissal
Students will be subject to Administrative Probation for the first grade of C+ or lower. For the second grade of C+ or lower, students will be subject to Administrative Dismissal from the program. The decision to dismiss will be made by the Dean or Associate Dean of the School of Engineering. No grades lower than B- may be applied to the degree.

Graduation Requirements
In addition to other regulations governing graduation, as stated in the Liberty University Catalog, Ph.D. in Engineering students must meet the following requirements:

1. Complete 63 total hours.
2. A minimum of 21 hours must be completed through Liberty University, not to include credits from a prior degree earned through Liberty.
3. A maximum of 42 hours of transfer credit, including credit from a degree previously earned through Liberty, may be applied to the degree.
4. Maintain a 3.0 GPA to remain in the program.
5. No grades lower than a B- may be applied to the degree.
6. Degree must be completed within ten (10) years.
7. For information regarding the repeat policy, please refer to “Course Repeat Policy” in the Academic Information and Policies section of this Catalog.
8. Submission of Degree Completion Application must be completed within the last semester of a student's anticipated graduation date.

Program of Study
Delivery Format: Resident and Online
• Engineering (Ph.D.)

Career Opportunities
• Engineer of applied physics
• Materials engineer
• Engineer of material science
• System designer