

DOCTORAL DEGREE REQUIREMENTS

General policies for all University of Oklahoma doctoral programs are available in the [Graduate College Bulletin](#).

DOCTOR of PHILOSOPHY

D372

MAJOR: Engineering Physics

Program effective **Summer 2014**

COURSEWORK REQUIREMENTS

Required Coursework

<input type="checkbox"/> PHYS 5001	Introduction to Graduate Studies in Physics	1 hour
<input type="checkbox"/> PHYS 5013	Mathematical Methods in Physics.....	3 hours
<input type="checkbox"/> PHYS 5393	Quantum Mechanics I.....	3 hours
<input type="checkbox"/> PHYS 5403	Quantum Mechanics II.....	3 hours
<input type="checkbox"/> PHYS 5153	Classical Mechanics	3 hours
<input type="checkbox"/> PHYS 5573	Electrodynamics I.....	3 hours
<input type="checkbox"/> PHYS 5583	Electrodynamics II.....	3 hours
<input type="checkbox"/> PHYS 5163	Statistical Mechanics	3 hours
<input type="checkbox"/>	Engineering courses at 5000 level or above.....	12 hours
<input type="checkbox"/>	Additional course in Physics or Engineering (excluding 5980 and 6980).....	3 hours
	May be in related fields at G4000 level or above if approved by the advisory committee and graduate liaison.	
	Total	37 hours

Additional Coursework

<input type="checkbox"/>	Coursework or seminars as approved by the advisory committee.....	0-51 hours
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Dissertation Research

<input type="checkbox"/>	EPHY 6980 Research for Doctoral Dissertation.....	2-53 hours
	2 hours minimum	

<input type="checkbox"/>	TOTAL	90 hours
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THE UNIVERSITY OF OKLAHOMA

NOTE

The General Examination can only be taken after passing the internal departmental qualifying exams on Quantum Mechanics, Electrodynamics, and Classical & Statistical Mechanics.