

School Requirements for PhD students admitted in 2013/14 and onwards

Students are required to take at least a 3-credit course at 5000 level or above outside their programs offered by the School of Engineering. The 3 credits may be satisfied by courses from other Schools upon approval.

In some exceptional cases where students can provide sufficient justifications and obtain prior approval from their supervisors, PG Coordinators and Heads of Department/Program Directors or designates, they are allowed to take the 3-credit course within their home departments/programs but the course must be in other areas outside their specialty.

PhD Programs	Recommended Study Pattern
PhD in BIEN	<p><u>Completion of at least 15 credits of approved coursework including:</u></p> <ul style="list-style-type: none"> • 6 credits of core courses (BIEN 5010 and BIEN 5040) • 3 credits from restrictive bioengineering electives • 6 credits of non-restrictive elective courses, in which 3 credits are outside the PhD (BIEN) program.
PhD in CBME	<p><u>Completion of at least 18 credits of approved coursework including:</u></p> <ul style="list-style-type: none"> • At least 9 credits of CBME postgraduate courses • 3 credits outside the PhD (CBME) program
PhD in CIVL	<p><u>Completion of at least 24 credits of approved coursework including:</u></p> <ul style="list-style-type: none"> • At least 21 credits of approved coursework • 3 credits outside the PhD (CIVL) program
PhD in CSE	<p><u>Completion of at least 21 credits of approved coursework including:</u></p> <ul style="list-style-type: none"> • 4 PG core courses in different selected core research areas, including the area of "Theoretical Computer Science" • 1 credit from COMP 6911/6912 • 3 credits outside the PhD (CSE) program
PhD in ECE	<p><u>Completion of at least 15 credits of approved coursework including:</u></p> <ul style="list-style-type: none"> • At least 9 credits of approved ECE postgraduate courses • 3 credits outside the PhD (ECE) program
PhD in EVNG	<p><u>Completion of at least 15 credits of approved coursework including:</u></p> <ul style="list-style-type: none"> • At least 9 credits from courses here • 3 credits outside the PhD (EVNG) program
PhD in IELM	<p><u>Completion of at least 30 credits of approved coursework including:</u></p> <ul style="list-style-type: none"> • 5 courses chosen from IELM 5110, IELM 5170, IELM 5230, IELM 5250, IELM 5260, IELM 5270, IELM 5320 and IELM 5520 • At least one 3-credit IELM Special Topic or 6000-level course • 3 credits outside the PhD (IELM) program
PhD in MECH	<p><u>Completion of at least 24 credits of approved coursework including:</u></p> <ul style="list-style-type: none"> • 18 credits from MECH postgraduate courses • 3 credits outside the PhD (MECH) program