



SCHOOL OF SCIENCES AND ENGINEERING ENGINEERING PROGRAM GENERAL REQUIREMENTS

If engineering is your intended major, make sure to write it down in the appropriate field on your application form (intended major). The following majors are available:

- Architectural Engineering*
- Computer Engineering
- Construction Engineering
- Electronics and Communications Engineering
- Mechanical Engineering
- Petroleum Engineering

The following are the minimum requirements to apply for the engineering majors. Acceptance could be at a higher level depending on available space.

■ American High School Diploma:

Precalculus and physics, to be covered in grade 11 or 12, as well as chemistry, which could be covered in grade 10, 11 or 12. A minimum SAT I-MATH score of 560 is required to be eligible for admission. A SAT II-MATH score (if taken) will be considered if it is higher than the SAT I-MATH score. Ranking of those who qualify is determined according to the calculated AUC equivalent GPA.

■ British Certificate:

Four O-level science courses (math, physics, chemistry and a fourth science or information technology course), plus EITHER two science courses at the AS-level (math and physics or chemistry) OR an advanced-level math course. A minimum grade of B is accepted in two courses, provided that not more than one B is earned in math courses. Ranking of those who qualify is determined according to the IGCSE score.

■ Canadian Certificate:

Math in grades 11 and 12, physics in grade 11 or 12, as well as chemistry, which could be taken in grade 10, 11 or 12. A minimum score of 80 percent overall and in science subjects is required to be eligible for admission. Ranking of those who qualify is determined according to the Canadian certificate score.

■ French Baccalaureate:

Math, physics and chemistry. A minimum score of 70 percent in math and an average of 70 percent in these courses is required to be eligible for admission. Ranking of those who qualify is determined according to the French Baccalaureate score.

■ German Abitur:

Math, physics and chemistry. A minimum grade of 12 in math, 10 in physics and an average of 10 in these three courses are required to be eligible for admission. Ranking of those who qualify is determined according to the Abitur score.

■ International Baccalaureate (IB):

Math, physics and chemistry. A minimum grade of 4 in math and an average of 4 in these three courses are required to be eligible for admission. Ranking of those who qualify is determined according to the IB score.

■ Thanawiya Amma (Egypt):

Two math courses, as well as physics and chemistry. Ranking of those who qualify is determined according to the total average score, depending on first-round results of the thanawiya amma.

■ Thanawiya Amma (Arab Countries):

Math, physics and chemistry. Ranking of those who qualify is determined according to the total average score, after excluding the religion course, depending on first-round results of the Egyptian thanawiya amma, plus 2 percent.

*Important Note:

Students intending to major in architectural engineering must sit for a placement test/workshop. The test, which measures the cognitive abilities of students, examines spatial visualization and abstract reasoning.