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 may be higher depending on available space.

- **American High School Diploma:**
  Completion of pre-calculus and physics courses in grades 11 or 12, and chemistry in Grades 10, 11 or 12 is required to qualify for admission. A minimum SAT I-MATH score of 560 is also required to qualify for admission. If the student completes SAT II, the SAT-MATH score will only be considered if it is higher than the SAT I-MATH score.

- **British Certificate:**
  Completion of 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 is required to qualify for admission. Students should score As or A*s in the 5(6) courses. However, a minimum grade of B is accepted in no more than two courses of the 5(6), provided the two Bs are not both in math courses.

- **Canadian Certificate:**
  Completion of math courses in grades 11 and 12, a physics course in grades 11 or 12, and a chemistry course in grades 10, 11 or 12 is required to qualify for admission. A minimum overall score of 80 percent (overall and science subjects) is required to qualify for admission.

- **French Baccalaureate:**
  Completion of math, physics and chemistry courses with a minimum grade of 70 percent in math, and an average of 70 percent in the three courses, is required to qualify for admission.

- **German Abitur:**
  Completion of math, physics and chemistry courses, with a minimum grade of 12 in math, 10 in physics and an average of 10 in these three courses, is required to be eligible for admission.

- **International Baccalaureate (IB):**
  Completion of math, physics and chemistry courses with a minimum grade of 4 in math and an average of 4 in the three courses is required to qualify for admission.

- **Thanawiya Amma (Egypt):**
  Completion of two math, physics and chemistry courses is required to qualify for admission. Students should not score below the average cut-off score of engineering schools or national universities by more than 2 percent to qualify for admission. The average cut-off score will be announced after the first round of tanseeq.

- **Thanawiya Amma (Arab Countries):**
  Completion of math, physics and chemistry courses is required to qualify for admission. After excluding any religion courses from the overall score, students should not score below the average cut-off score of engineering schools for Egyptian national universities announced after the first round of tanseeq to qualify for admission.

*Important Note:
Students intending to major in architectural engineering must sit for a placement test/workshop addressing the cognitive abilities of students. The test examines spatial visualization and abstract reasoning.
The following is a summary of the admission requirements for each certificate:

- **American High School Diploma:**
  Completion of an advanced-level math course in grade 12 and one other science course in grade 10, 11 or 12 is required to qualify for admission. A minimum SAT I-math score of 560 is required to be eligible for admission.

- **British Certificate (IGCSE):**
  Completion of O-level and advanced-level math courses with a minimum grade of B in each of the two courses is required to qualify for admission.

- **Canadian Certificate:**
  Completion of an advanced-level math course in grade 12 and one other science course in grade 10, 11 or 12 is needed to be eligible for admission. A minimum overall score of 80 percent in addition to a minimum per subject score of 80 percent are required to qualify for admission.

- **French Baccalaureate:**
  Completion of a math and one other science course with a minimum average of 70 percent in both courses is required to qualify for admission.

- **German Abitur:**
  Completion of a math and one other science course is required to qualify for admission. A minimum grade of 12 in a math course and an average of 10 in both courses is required to qualify for admission.

- **International Baccalaureate (IB):**
  Completion of high-level math and one other science course with a minimum grade of 4 in math and an average of 4 in both courses is required to qualify for admission.

- **Thanawiya Amma (Egypt):**
  Completion of pure math and applied math courses with a minimum score of 80 percent in each is required to qualify for admission. A minimum overall Thanaweya Amma score of 90 percent is also required to qualify for admission.

- **Thanawiya Amma (Arab Countries):**
  Completion of math with a minimum score of 92 percent and one other Science course is required to qualify for admission. A minimum overall Thanaweya Amma score of 92 percent is also required to qualify for admission.
The following is a summary of the admission requirements for each certificate.

- **American High School Diploma:**
  Completion of an upper-level biology course is required to qualify for admission.

- **British Certificate:**
  Completion of AS-level biology, plus one additional AS-level science course with a minimum score of B in each of the two courses, OR an advanced-level biology course with a minimum score of B is required to qualify for admission.

- **Canadian Certificate:**
  Completion of an upper-level biology course is required to qualify for admission.

- **French Baccalaureate:**
  Completion of a biology course is required to qualify for admission.

- **German Abitur:**
  Completion of a biology course is required to qualify for admission.

- **International Baccalaureate (IB):**
  Completion of a biology course is required to qualify for admission.

- **Thanawiya Amma (Egypt):**
  Completion of a biology course is required to qualify for admission.

- **Thanawiya Amma (Arab Countries):**
  Completion of a biology course is required to qualify for admission. Excluding religion courses, students should not score below the average cut-off score of science schools for Egyptian national universities by more than 2 percent. The cut-off scores are announced after the first round of tanseeq.
SCHOOL OF SCIENCES AND ENGINEERING
Chemistry
General Requirements

The following is a summary of the admission requirements for each certificat:

- **American High School Diploma:**
  Completion of math, physics and chemistry courses with a minimum GPA of 3.0 in all these science courses is required to qualify for admission.

- **British Certificate:**
  Completion of four O-level science courses (math, physics, chemistry and an additional science or information technology course), plus **EITHER** two science courses at the AS-level (chemistry and math or physics) **OR** an advanced-level chemistry course. An average grade of B in the 5(6) courses is required to qualify for admission.

- **Canadian Certificate:**
  Completion of math, physics and chemistry courses is required to qualify for admission.

- **French Baccalaureate:**
  Completion of math, physics and chemistry courses with a minimum average of 60 percent in these courses is required to qualify for admission.

- **German Abitur:**
  Completion of math, physics and chemistry courses with a minimum grade of 10 in chemistry and an average of 9 in all three courses is required to qualify for admission.

- **International Baccalaureate (IB):**
  Completion of high-level chemistry in addition to math and physics courses, which may be taken at the subsidiary level is required to qualify for admission. An average grade of at least 3 in these three courses is also required to qualify for admission.

- **Thanawiya Amma (Egypt):**
  Completion of math, physics, chemistry and an additional science course is required to qualify for admission. A minimum overall Thanawiya Amma score of 80 percent is required to qualify for admission.

- **Thanawiya Amma (Arab Countries):**
  Completion of math, physics and chemistry courses is required to qualify for admission. A minimum overall Arab Thanawiya Amma score of 82 percent (after excluding any religion course) is also required to qualify for admission.
The following is a summary of the admission requirements for each certificate.

- **American High School Diploma:**
  Completion of pre-calculus, physics and another science or computer course, which could be completed in Grades 10, 11 or 12 is required to qualify for admission. A minimum SAT I-MATH score of 560 is also required to qualify for admission.

- **British Certificate:**
  Completion of four O-level science courses (mathematics, physics and two other science or information technology courses), plus EITHER two science courses in the AS-level (math and physics), OR an advanced-level math course is required to qualify for admission. Students should score As or A*s in the 5(6) courses. However, a minimum grade of B is accepted in no more than two courses of the 5(6), provided the two Bs are not both in math courses.

- **Canadian Certificate:**
  Completion of math courses in grades 11 and 12, and a physics course in grade 11 or 12, (another science or computer course may also be taken in grades 11 or 12) is required to be eligible for admission. A minimum overall score of 80 percent, in addition to a minimum per subject score of 80 percent are required to qualify for admission.

- **French Baccalaureate:**
  Completion of a math, physics and another science or computer course is required to qualify for admission. A minimum average of 70 percent in the three courses is required to qualify for admission.

- **German Abitur:**
  Completion of a math, physics and another science or computer course is required to qualify for admission. A minimum grade of 12 in math, 10 in physics, and a minimum average of 10 in the three courses is required to qualify for admission.

- **International Baccalaureate (IB):**
  Completion of a math, physics and another science or computer course is required to qualify for admission. A minimum average grade of 4 in the three courses is required to qualify for admission.

- **Thanawiya Amma:**
  Completion of a math, physics, chemistry and two additional science courses is required to qualify for admission. A minimum overall thanawiya amma score of 90 percent is required to qualify for admission.

- **Thanawiya Amma (Arab Countries):**
  Completion of a math, physics and another science course is required to qualify for admission. A minimum overall Arab thanawiya amma score of 92 percent (excluding any religion course) is also required to qualify for admission.
The following is a summary of the admission requirements for each certificate.

- **American High School Diploma:**
  Completion of pre-calculus and another science or computer course, covered in grades 10, 11 or 12, is required to qualify for admission.

- **British Certificate:**
  Completion of three O-level science courses (mathematics and two other science or information technology courses), plus EITHER AS-level math, OR an advanced-level math course is required for admission. Students should score As or A*s in the 5(6) courses. However, a minimum grade of B is accepted in no more than two courses of the 5(6), provided the two Bs are not both in math courses.

- **Canadian Certificate:**
  Completion of advanced-level math (calculus) in grade 12, and another science or computer course taken in grades 10, 11 or 12 is required to qualify for admission. A minimum overall, as well as per subject score of 80 percent, is required to qualify for admission.

- **French Baccalaureate:**
  Completion of one math and another science or computer course is required to qualify for admission. A minimum average of 70 percent in these courses is required to qualify for admission.

- **German Abitur:**
  Completion of one math course with a minimum grade of 12 and one other science or computer course is required to qualify for admission.

- **International Baccalaureate (IB):**
  Completion of high-level math and another science or computer course that can be a subsidiary-level course is required to qualify for admission. A minimum average grade of 4 in the two courses is required to qualify for admission.

- **Thanawiya Amma (Egypt):**
  Completion of one math course with a minimum score of 80 percent, plus two other science courses is required to qualify for admission. A minimum overall score of 90 percent is also required to qualify for admission.

- **Thanawiya Amma (Arab Countries):**
  Completion of one math and another science course is required to qualify for admission. A minimum overall score of 92 percent (excluding religion courses) is also required to qualify for admission.
The following is a summary of the admission requirements for each certificate:

- **American High School Diploma:**
  Completion of two math courses and one physics course is required to qualify for admission.

- **British Certificate:**
  Completion of two O-level science courses (math and physics), plus an AS-level math course is required to qualify for admission.

- **Canadian Certificate:**
  Completion of two math courses and one physics course in grades 11 and 12 is required to qualify for admission.

- **French Baccalauréate:**
  Completion of math and physics courses is required to qualify for admission.

- **German Abitur:**
  Completion of math and physics courses is required to qualify for admission.

- **International Baccalauréate (IB):**
  Completion of math and physics courses is required to qualify for admission.

- **Thanawiya Amma (Egypt):**
  Only thanawiya amma math or science students are qualified for admission.

- **Thanawiya Amma (Arab Countries):**
  Only thanawiya amma science students are qualified for admission.