

# Progression Requirements - Engineering

## ENGINEERING

### Academic Counselling

Each student in the Engineering program is assigned a faculty member for academic advice and planning. For students in the first year of the program, the counsellors shall be appointed by the Associate Dean – Undergraduate Studies; for students in subsequent years, the counsellor shall be the Chair (or designate) of the appropriate Department.

### Residence Requirements

At least twelve full courses must be completed from those offered by The University of Western Ontario.

### Enrolment Limitations in Each Program

All students registered in the first-year program must, during program planning in February, rank in order of preference their choices of program for second year.

The selection process is based on the student carrying a full course load and the year-weighted average (YWA) obtained at the end of the academic year.

Students with no failures in any of the 6.5 courses and a YWA of at least 75% will be given first priority into the program of their choice.

Students with no failures and a YWA between 60% and 74% will be given second priority and will be ranked for the program of their choice according to YWA. The program enrolment will be filled to the limit.

Students with a YWA of at least 60% and one or more failures in the courses listed above for the program of their first choice may be allowed to proceed in the program, provided there are spaces and by permission of the Dean, in consultation with the appropriate Department Chair.

The Dean, in consultation with the appropriate Department Chair, may allow students not included above to proceed in the program of their choice.

If students are not admitted to their first choice of program, they will be ranked for the other programs in the order of preference indicated.

### Transfer

Transfer from one program to another can be done only in consultation with the appropriate Department Chair. Students will be informed about the program in which they are allowed to register in second year when they access their marks when academic year marks are available.

### Progression Requirements

The progress of students shall be evaluated at the end of the academic year. Eligibility to progress shall be based on the performance of the student during the evaluation period as indicated by the weighted average obtained for that period.

The progression requirements for Engineering students registered in an approved concurrent/combined degree program will be based only on those courses being counted toward the BESC degree.

To be eligible for the concurrent degree, students must meet the progression requirements of each Faculty.

### Progression Requirements for Part-Time Students

A part-time student will be adjudicated once the student has completed 3.0 or more courses since the last adjudication. The weighted average will be calculated on all courses completed since the last adjudication. The progression adjudication will be effective over all the courses used in the adjudication.

### **Time Limit for Completion of BESC Degree**

The Faculty of Engineering requires that all undergraduate students complete the program of study within ten years from the start of their first registration in Western Engineering. The time limit for completion ensures that all graduates have demonstrated sufficient knowledge of up-to-date technology, engineering concepts, and professional practice.

### **Definition of Terms**

**Course Weight.** Each course has been assigned a weight of 0.5 (half-course) or 1.0 (full course). All A, B, F, G, and Y courses are half-courses. Courses with the suffix E or without a suffix are full courses. The weights for courses offered by other faculties are usually either 1.0 (full course) or 0.5 (half-course).

**Weighted Mark.** The weighted mark for a course is the product of the weight for the course and the mark obtained by the student.

For the purpose of calculating weighted average marks the following applies: Courses offered by the Faculty of Engineering – grades will be recorded as the actual grade reported (i.e., from 01% to 100%); Courses offered by a Faculty other than Engineering – grades below 40% will be included in average calculations as 40%; grades from 40% to 100% will be included as the actual grade reported.

**Weighted Average.** The weighted average for an evaluation period is the total of the weighted marks obtained by the student during the evaluation period divided by the sum of the weights for the corresponding courses.

### **Dean's Honor List and Graduation "With Distinction"**

The Dean's Honor List and Graduation "With Distinction" Policy can be found [here](#).

### **Progression in Good Standing**

A student who at the end of an academic year has achieved a weighted average of at least 60% and has achieved a passing grade in each course of his/her approved program shall proceed to the next year in Good Standing.

### **Conditional Progression**

A student who, at the end of an academic year, has achieved a weighted average of at least 60% but has failed to pass one or more courses, may proceed to the next year on condition that the failed course(s) are repeated or approved substitutions are taken during the next Winter Session.

### **Failed Year**

A student who is in second, third or fourth year and who for the first time obtains a weighted average at the end of the academic year in the range of 50-59% shall be considered to have failed the year. Credit shall be retained in the Faculty of Engineering for courses in which the student obtains a mark of 60% or better in that year. This adjudication comment will apply to any courses taken during the subsequent summer term.

### **Failed Courses**

Students who are required to repeat an Engineering course must repeat all components of that course. No special permissions will be granted enabling the student to retain laboratory, assignment or test marks from prior years. Previously completed assignments and laboratories cannot be resubmitted for grading by the student in subsequent years.

A student registered in the Faculty Engineering who has failed a first-term half course (September to December) may not repeat the course in the second term (January to April) of the same academic year.

### **Withdrawal for Unsatisfactory Standing**

A student shall be required to withdraw from the Faculty of Engineering and (unless admitted to another Faculty) shall be required to withdraw from the University, if that student:

- a) is in the first year of the program and fails to obtain a weighted average of at least 60%, or
- b) is in a year of the program subsequent to the first year and fails to obtain a weighted average of at least 50% at the end of the academic year, or
- c) has failed for a second time to obtain a weighted average of at least 60% at the end of the academic year, or
- d) has been readmitted after withdrawal for unsatisfactory standing and obtains a weighted average of less than 60% at the end of the academic year, in any year.

### **Appeals**

See STUDENT ACADEMIC APPEALS in the ACADEMIC RIGHTS AND RESPONSIBILITIES SECTION

Note: Students may appeal decisions **in writing** to the Dean of the Faculty (or designate) by June 30 of the year of application.

### **Readmission Following Withdrawal for Unsatisfactory Standing**

A student who has been required to withdraw because of unsatisfactory standing may apply for readmission through the Admissions Office following a period of at least one year outside the University.

### **Transfer to Another Faculty**

1. A student who is eligible to continue in the Engineering program yet wishes to transfer to another Faculty may do so provided the approval of the Dean of the Faculty to which the transfer is desired has been obtained.
2. A student who has been required to withdraw from the University by the Faculty of Engineering may apply for readmission to the University in another Faculty through the Dean's Office of the desired Faculty by June 30.

### **Supplemental Examinations**

A student in the final year of the BESC program may be granted supplemental examination privileges provided that the student has earned:

1. A failing grade in not more than one full or two half-courses,
2. a mark of at least 40% in the failed course(s),
3. a weighted average of at least 60% in the courses that make up the fourth year program (including the failed courses),
4. an overall average of at least 60% in all the courses that are required for the BESC degree.

Permission to write supplemental examinations will be granted only after the academic results for the students in their final year have been reviewed by the Faculty at a meeting held during the month of May.

These examinations will be scheduled during the examination period for Intersession.\*

Supplemental examination privileges apply only to courses offered by the Faculty of Engineering.

\*Note: The original grade obtained by the student will not be changed; rather, a Summer Line of Registration with the course and a grade of PAS or FAI will be added to the Academic Record upon the completion of the Supplemental Examination.

### **Graduation Requirements**

A candidate for the BESC degree shall pass all courses in the candidate's approved program of studies and obtain a weighted average of at least 60% in the courses that make up the fourth year program together with a weighted average of at least 60% in all the courses in all years which are counted for graduation.

**Graduate Courses**

Students in the final year of the Engineering program who have achieved a cumulative weighted average of at least 80% as well as a year weighted average of 80% in the penultimate year may, with the permission of their Academic Counsellor, the course instructor, and the Provost (Graduate and Postdoctoral Studies), include in the program of the final year up to one full graduate course that will count towards the undergraduate degree.

**Related Policies and Notes:**

For the current calendar copy of requirements for these programs (revised from time to time through DAP) please refer to the current academic calendar.