University of Moratuwa, Sri Lanka

Performance Criteria for the

B.Sc. Engineering Honours Degree Programme

in the

Faculty of Engineering

Approved at Senate on 21st March 2012   Effective for 2011 Intake Onwards

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1. ADMISSION

1.1 *Admission Requirements*

1.1.1 The admission requirements to the Honours Degree of Bachelor of the Science of Engineering (abbreviated BSc Eng Hons) are determined by the University Grants Commission (UGC) in accordance with the government policy on university admissions.

1.1.2 Only full time students are admitted to this programme.

1.1.3 Presently, students are admitted to the BSc Eng Hons programme under three categories of Engineering:

* Engineering (Common Intake)

* Engineering (Earth Resources)

* Engineering (Textiles)

1.2 *Provisions to Transfer from another University*

1.2.1 The Faculty of Engineering may allow a student admitted by the UGC to another Faculty of Engineering in a National University in Sri Lanka, to transfer to the University of Moratuwa, when vacancies arise in a field of specialization after the completion of at least one Semester of the programme. Such transfers will only be entertained after requests for transfers from students already in the Faculty have been considered.

1.2.2 Only students with an overall standing of a Cumulative Grade Point Average (GPA) of 3.6 or more would be considered for transfer.

1.2.3 Such transfers, which should be forwarded through the UGC, require the approval of the Senate of the University of Moratuwa.

1.2.4 When a student is allowed to transfer from another university, credits earned in that university may be transferred for modules considered to be equivalent and in which grades of "C" (equivalent to at least 45%) or higher have been obtained by the student. In addition, transfer of credit for a module will not be granted unless the student has obtained credit for the prerequisites for that module specified by the University of Moratuwa.

1.2.5 Credit will normally not be granted for modules taken earlier than four years to the date of application for transfer.

1.2.6 For a transfer student to qualify for a degree, he/she must be registered in the Faculty of Engineering for a minimum time period of four semesters.

1.2.7 When there are several students who want to gain admission to a fewer number of vacant positions in a specialization, a criterion similar to the one adopted for the field selections within the Faculty (refer clauses 1.4.3 and 1.4.4), may be followed considering their performance at the respective university.

1.3 *Admission to the Fields of Specialization*

1.3.1   The Faculty of Engineering at present offers nine (09) fields of specialization in the BSc Eng Hons degree programme.

1.3.2   Admission to each field is limited and is made from students admitted under each category of Engineering.

1.3.3   The Faculty of Engineering Student Handbook gives the present quotas for each of the respective fields under the three categories of Engineering given below for the particular intake.

Engineering (Common Intake):

* Chemical and Process Engineering
* Civil Engineering
* Computer Science and Engineering
* Electrical Engineering
* Electronic and Telecommunication Engineering
* Materials Science and Engineering
* Mechanical Engineering

Engineering (Earth Resources)

* Earth Resources Engineering

Engineering (Textiles)

* Textile and Clothing Technology

1.3.4   Admission of students to the fields of specialization under Engineering (Common Intake) will be made as detailed out in section 1.4.

1.3.5   Admission of students to specializations of Earth Resources Engineering and Textile and Clothing Technology is made by the UGC directly to the Faculty of Engineering.

1.4 *Selection to the Fields of Specialization of Engineering (Common Intake)*

1.4.1   The selection of students to the fields of specialization will be made at the end of Semester 1 of the programme.

1.4.2   While a place in at least one of the fields of specialization is assured for every student advancing to Semester 2, it is not possible to accommodate every student's first choice of field.

1.4.3   SGPA (as described in clause 4.4.1) for field selection will be calculated based on the weighted grade points earned by the student averaged over the total credits of the modules taken in Semester 1 excluding modules *EL1012-Language Skills Enhancement 1* and *MN1012-Engineering in Context*. This accounts for 14 credits in total. Grade points for any missed modules are taken

as zero in this calculation independent of the eligibility for academic concession.

1.4.4   In situations where the number of applicants for a field of specialization is more than the number of places available, the places would be allocated using the SGPA computed in Clause 1.4.3.

1.4.5   Further, in situations where a number of applicants with the same SGPA compete for a lesser number of vacancies for a particular field, then the allocation of the field among these equal rankers will be based on the performance in the module(s), weighted as per credit rating, indicated against the field in question, as given in Table 1.

Table 1: Tie-breaking Modules for Field Selection

Field of Specialization	Module(s)
Chemical & Process Engineering	CS1032-Programming Fundamentals, MA1013-Mathematics
Civil Engineering	CE1022-Fluid Mechanics, ME1032-Mechanics
Computer Science & Engineering	CS1032-Programming Fundamentals, MA1013-Mathematics
Electrical Engineering	EE1012-Electrical Engineering
Electronic & Telecommunication Engineering	EE1012-Electrical Engineering, MA1013-Mathematics
Materials Science & Engineering	MT1022-Properties of Materials, ME1032-Mechanics
Mechanical Engineering	ME1032-Mechanics

1.4.6   In case a student is eligible for an academic concession which may be given for medical reasons and other compelling reasons in accordance with clause 4.11.2, the following will apply:

(i)   If the student is granted an academic concession for the entire Semester 1, he/she shall join the next intake of students entering the Faculty as a first attempt candidate.

(ii)   If the student is eligible for an academic concession for one or more modules of the end-of-semester written examination of Semester 1, he/she can;

(a) accept the field of specialization allocated to him/her, in accordance with clause 1.4.4.

In such case, the student is required to sit all the missed modules at subsequent end-of-semester written examinations, with those modules for which academic concession has been obtained as a first attempt candidate.

(b) request to sit the entire end-of-semester written examination with the next intake of students as a first attempt candidate, if he/she is not satisfied with the allocated field.

1.4.7   In case a student has missed any part of the Semester 1, but is not considered eligible for an academic concession, in accordance with clause 4.11.2, any

modules missed will be considered as failed or incomplete in accordance with Section 4.3.

1.5 *Change of Field of Specialization*

1.5.1   Transfer from a field of specialization would only be permitted for those admitted under Engineering (Common Intake).

1.5.2   Transfer from an assigned field of specialization to another would only be permitted within one week of assigning the fields.

1.5.3   Transfer from a field of specialization would be permitted only in case:

(i)   a student is offered a placement in the field of a preferred choice due to a vacancy arising therein, or

(ii)   a student chooses to transfer to a field wherein there is an unsought vacancy.

2.   PROGRAMME OF STUDY

2.1   *Programme Details*

2.1.1   The programme of study leading to the award of the BSc Eng Hons degree consists of eight academic semesters (designated as Semester 1 to Semester 8) offered over four academic years.

2.1.2   Prior to the commencement of the programme of study, a pre-academic term is incorporated to prepare the students for more effective learning in the academic programme.

2.1.3   Normal duration of academic teaching in a semester is 16 weeks and minimum duration of industrial placement is 21 weeks. The balance period is for examinations and vacations.

2.1.4   Modules are categorized into four levels of academic progression (1 to 4).

2.1.5   Pre-requisites for a module can only be from a lower level of academic progression. However, co-requisites from the same level may be allowed provided that the relevant module(s) is/are being offered to all relevant students.

2.1.6   The programme of study comprises of the following components:

(i)   Basic Engineering programme extending over Semester 1,

(ii)   A specialization programme extending over the next seven semesters (Semester 2 to Semester 8),

(iii)   An industrial placement within the specialization programme,

(iv)   Any other work; camp, training modules or projects that may be specified for a given field of specialization.

2.2 *Academic Calendar*

The academic calendar will usually be two semesters, each of 22 week duration (including examinations and reading week) during a year.

2.3 *Modules*

2.3.1 Modules are either compulsory or elective (with partial requirements) or optional (no specific requirements).

2.3.2 The fields of specialization (including Minors, as defined in Section 4.9, in some specializations) have compulsory modules, optional and/or elective modules. These modules are normally intended to be taken over Semesters 2 to 8.

2.3.3 Specialization modules may have pre-requisites that need to be completed prior to registering for those modules.

2.4 *Credits*

2.4.1 Each module is assigned a credit value representing the student's workload.

　(i)　For a typical module extending over one semester, one credit is given for each hour of academic lectures per week or three hours of assignments such as tutorials, laboratory work, field work or design work per week.

　(ii)　The industrial placement of 21 week duration is assigned six credits.

　(iii)　Modules that cannot be covered under (i) and (ii) above, such as design projects, other projects and other specified course work and camps are assigned credit values commensurate with the respective workload.

2.4.2 The modules offered in a given semester and the number of credits assigned to each module will be determined by the Faculty. Students will be duly informed on these details ahead of the commencement of that semester.

2.5 *Academic Load and Level of Academic Progression*

2.5.1 The academic load of a student (norm) in a semester differs depending on the specialization to which the student belongs, but should normally comply with the following:

　(i)　The total credit requirement in Semester 1 is 16 credits.

　(ii)　The total credit requirement from Industrial placement is 6 credits.

　(iii)　The total credit requirement in each of the remaining semesters, in general, should lie within 21 ± 3.

2.5.2 Irrespective of the norm, maximum credits (i.e. upper limit) a student could register for a semester is 27 credits.

2.5.3 There is no lower limit for the credits requirement in a particular semester, however if a student deviates from the norm for a semester, it should be done with the consent of the Academic Coordinator.

2.5.4 In order to consider a student as full-time, the minimum requirement is 12 Credits in a semester. This limit is considered for Dean's List, Scholarships, etc. Students on industrial placement are also considered as full time.

2.5.5 The credits per module are normally restricted to 2 or 3 credits, other than projects, training, camps or similar modules.

2.5.6 Students are required to register for modules to satisfy normal academic load specified by the respective department in any semester. However, with the consent of the relevant Academic Coordinator, a student may be permitted to deviate from the norm within the specified credits limits. The additional modules may include the previously taken modules repeated for purposes of passing or upgrading of final grade.

2.5.7 The academic progress of a student may be determined by the total number of credits he/she has earned by the end of preceding semester as given in Table 2:

Table 2: Credit Requirement for Academic Progression

Total Credits	Level of Academic Progression
≤ 30	1
Over 30	2
Over 70	3
Over 110	4

However, level of academic progression does not restrict the continuation of the student to a subsequent semester unless restricted by other conditions as specified in the Clause 4.5.

3. REGISTRATION

3.1 *Academic Coordinators*

3.1.1 An Academic Coordinator will be appointed for each semester from among the members of the academic staff of the Department once the field of specialization has been assigned.

3.1.2 The student is required to consult and obtain the consent of his/her respective Academic Coordinator prior to applying for registration at the beginning of each semester.

3.1.3 The student is also required to consult and obtain the Academic Coordinator's consent prior to changing academic load after registration and obtaining leave from academic activities.

3.2 *Registration for each Academic Year and Semester*

3.2.1 At the commencement of each academic year, students are required to complete a registration form and pay any fees as may be required by the university.

3.2.2 Students are required to register for modules that they wish to follow in the semester through the on-line registration system, in consultation with the Academic Coordinator.

3.2.3 Once the module registration period is over, Undergraduate Studies (UGS) division will send to the department a printed copy of the initial module registration details to be displayed on the notice board.

3.2.4 At the commencement of the Semester, two weeks of Add/Drop period will be given for students to do necessary changes to their initial module registrations as per clause 3.3.1.

3.2.5 UGS division will send the final module registration details to the departments after Add/Drop period for confirmation by the students.

3.2.6 In situations where, the number of applicants for an optional or elective module is more than the number of places available, such places would be allocated on the basis of the Current Grade Point Average (CGPA) of the applicants or any other suitable criteria approved by the Faculty and the field of specialization of the applicants until all places are filled. In case when registration for a module is not possible, the student is expected to register for alternative module(s).

3.2.7 In situations where a compulsory module is repeated in both semesters of the same level of academic progression, the respective department offering the module would allocate applicants for each semester.

3.2.8 A student repeating the end-of-semester written examination or the continuous assessment of a module is required to complete the repeat registration prior to the end of the Add/Drop period of the respective semester, and if necessary register for that academic year.

3.2.9 Each student is responsible for the completeness and accuracy of his/her module registrations and for registering prior to the set deadlines.

3.2.10 It is also the responsibility of the student to plan and select the modules as may be required to satisfy graduation requirements and the award of a Minor that he/she may seek.

3.2.11 A student, who has successfully completed the graduation requirements set out in Clause 5.2, will not be permitted to register for any new module(s). However, upgrading of modules as per clause 4.3.3 may be permitted on written application by the student.

3.3   *Changes to Modules Registration*

3.3.1 A student who wishes to de-register from a module should do so within the Add/Drop period of that semester with the consent of the Academic Coordinator.

3.3.2 De-registration of compulsory modules, even during the Add/Drop period, will be allowed only under exceptional circumstances and should be approved by the Senate on the recommendation of the Head of the Department and the Dean of Faculty of Engineering. Such compulsory modules must be subsequently completed in order to be eligible for the award of the Degree.

3.3.3 Discontinuing a module after the Add/Drop period will not be allowed and will be considered as an attempt, even if the student does not face any assessments and/or examinations in that module.

3.3.4 A student, who wishes to take an additional module or a replacement for a de-registered module, may do so within the Add/Drop period of the semester. In either case, the consent of the Academic Coordinator would be required for the change. Under exceptional circumstances, late registration may be permitted by the Faculty, with the concurrence of the lecturer in charge of the module and the Head of the Department.

3.4   *Withdrawal of a Module Registration*

3.4.1 A student can request to withdraw from a module after the Add/Drop period under the following conditions:

(i)   The relevant Academic Coordinator and the Head of the Department should recommend the request;

(ii)   Requests for withdrawal will not be entertained for compulsory modules and modules for which registration was done on competitive basis;

(iii) Withdrawn modules will appear in the transcript as "Withdrawn";

(iv)   Withdrawal requests should be made before the last day of classes of the relevant semester;

(v)   Module(s) cannot be added in place of the withdrawn module(s);

(vi)   If a student later decides to register for a withdrawn module, he/she will be considered as a repeat candidate with an F grade for that module; and

(vii) The grade is not counted in the calculation of the SGPA.

3.4.2   Such requests for withdrawal should be approved by the Senate on the recommendation of the Head of the Department and the Dean Faculty of Engineering.

3.5   *Leave from Academic Activities*

3.5.1   The following categories of leave from academic activities are available to students: (a) Leave for Long Durations and (b) Leave for Short Durations, complying with the conditions specified in clauses 3.5.2 to 3.5.9.

3.5.2   <u>Leave for Long Duration</u>: A student may apply for this category of leave, when he/she has to be away from academic work for a longer period due to medical reasons or circumstances deserving compassionate consideration. The duration of leave a student could apply under this category is a combination of full academic semesters and/or terms subject to the maximum limit of one academic year.

3.5.3   <u>Leave for Short Duration</u>: A student may apply for this category of leave, when he/she has to be away from academic work for a short period for compelling reasons including but not limited to conferences, competitions, sports, community services, company start-ups, family commitments and medical grounds. Maximum duration a student could obtain under this category is 16 working days per 16 weeks semester. It is the student's responsibility to consult the respective examiners in order to make sure that the leave obtained does not affect any of his/her Continuous Assessment requirements.

3.5.4   Leave will be granted according to Clause 1.02 of By-Law No. 14 (By-Law Related to Conditions of Residence and Discipline of Students).

3.5.5   In case of a student traveling abroad, the Vice Chancellor upon the recommendation of the Senate may grant leave.

3.5.6   Any approved Leave for Long Duration will add-on to the minimum period for the completion of the Degree.

3.5.7   Only Leave for Long Duration granted under medical grounds will add-on to the maximum period for the purpose of awarding classes and the maximum period for the completion of the Degree.

3.5.8   Under exceptional circumstances, the Vice Chancellor upon the recommendation of the Senate may grant Leave for Long Duration for circumstances beyond the provisions of Clause 3.5.2. The Senate may also recommend the period of leave granted be added-on to the maximum period for the purpose of awarding classes and the maximum period for the completion of the Degree.

3.5.9   All leave which fall during end-of-semester/term Written Examinations will be granted according to By-Law No. 15 (By-Law for Conduct of Examinations); and the student shall apply separately for the same following the guidelines therein.

4. EVALUATION OF PERFORMANCE

4.1 *Participation of the Programme*

4.1.1 The study programme is conducted on full-time basis and satisfactory participation of the course is a compulsory requirement.

4.1.2 A students is deemed to have satisfactory participation if he/she has attended all lectures, assignments including laboratory work, tutorials, quizzes, presentations, term papers or similar activities, project work, training, camps and similar activities to the satisfaction of the relevant lecturers in charge.

4.1.3 It is the responsibility of the student to submit module assignments, course works, reports, and similar documents before the deadlines stipulated by the lecturer in charge of the module.

4.1.4 If a student is required to be away from the academic work, he/she shall apply for leave in accordance with the clause 3.5.

4.2 *Evaluation*

4.2.1 The performance of each student in each module will be evaluated by continuous assessment (CA) and end-of-semester written examination (WE).

4.2.2 The Senate on the recommendation of the Faculty of Engineering will approve the examiner(s) and assign a moderator for each module conducted in a semester.

4.2.3 CA component in a module normally carries a weightage of not less than 30% (except in Semester 1 for which it is 20%) and not more than 60% of the total marks, except in training placement, camps, research projects and other similar modules, where end-of-semester WE may be replaced by another form of end-of-module evaluation and for which prior approval must be obtained from the Senate.

4.2.4 The continuous assessment of a student may be based on a specified combination of assignments including laboratory work, tutorials, quizzes, presentations, term papers and participation in the course activities.

4.2.5 Weightage of each of the components used in the determination of the final grade for each module must be clearly conveyed in writing to the students by the examiner at the commencement of each module along with the outline of the module. For repeat candidates, the current weightage of each component of the module should be used in determining the final grade.

4.2.6 The eligibility of the candidates to sit for end-of-semester WE is based on the satisfactory participation of the course. At the end of semester, the eligible list of students of each module in that semester will be sent to the Examination Division by the lecturer in charge of the module through the Head of the Department.

4.2.7   All Candidates should obtain at least 35% from each of CA and WE components to pass a module.

4.2.8   If only one of the components is passed, the student has to complete only the remaining component as a repeat candidate in the next attempt to complete the module. The marks obtained for the passed component will be kept on records and taken to determine the grade at the repeat attempt.

4.2.9   The students failing both CA and WE receive an **F** grade, and should re-do both components in order to upgrade the result.

4.2.10   The highest grade obtainable at a repeat attempt is the grade **C** except when an Academic Concession has been granted.

4.2.11   A Board of Examiners, appointed by the Council, comprising examiners and moderators of all the modules relevant to a particular semester of the programme or a field of specialization, will meet at the end of that semester to decide on the performance and the academic standing of each student registered for that semester of the programme or field of specialization.

4.3   *Grading System*

4.3.1   Letter grades based on the Grade Point system and corresponding description, as illustrated in Table 3, will be used to express the performance at each module.

Table 3: Grade Point System

Benchmark Percentage	Grade	Grade Point	Description
85 and above *	A+	4.2	
75 to 84 *	A	4.0	Excellent
70 to 74 *	A-	3.7	
65 to 69 *	B+	3.3	
60 to 64 *	B	3.0	Good
55 to 59 *	B-	2.7	
50 to 54 *	C+	2.3	
45 to 49 *	C	2.0	Pass
40 to 44 *	C-	1.5	Weak Pass
35 to 39 *	D	1.0	Conditional Pass
Both WE and CA components 34 and below	F	0.0	Fail
Only WE component 34 and below	I-we	0.0	Incomplete - Written Examination
Only CA component 34 and below	I-ca	0.0	Incomplete - Continuous Assessments
	N	---	Academic Concession
	W	---	Withdrawn

 * Both WE and CA components not less than 35%.

4.3.2 Benchmark percentages are given for the guidance of the examiner and may be changed upwards or downwards by the moderator in consultation with the examiner in accordance with faculty guidelines.

4.3.3 The letter grades shall satisfy the following criteria:
  (i)   The grade **D** or above is required to earn credit for a module.
  (ii)   A student failing either CA or WE receives an incomplete grade **I**, and is required to repeat only the failed component.
  (iii) A student failing both CA and WE receives an **F** grade, and must repeat both components. The maximum grade awarded for repeating a module will be a **C** and it will be used for calculating Semester Grade Point Average (SGPA).
  (iv)   Grade **N** signifies Academic Concession granted with the approval of the Faculty, in the event a student is unable to sit for the WE due to illness or other compelling reason accepted by the Senate. In such instances the student must make an appeal, with supporting documents, to the Dean for an Academic concession strictly following the procedures laid out by the Senate. CA component can be carried forward to the next examination as the first attempt. The grade is not counted in the calculation of the SGPA.
  (v)   Grade **W** indicates a module withdrawn by the student with the approval of the Faculty and the Senate. The grade is not counted in the calculation of the SGPA. If a student later decides to register for a withdrawn module, he/she will be considered as a repeat candidate with an **F** grade for that module.
  (vi)   The grades **F**, **I**, **D** or **C-** can be improved up to a **C** grade and considered for calculating Semester Grade Point Average (SGPA). Students who wish to upgrade need to complete their examinations and obtain the upgraded grade before the relevant final board of examiners.

4.3.4 The grade achieved for each module will be entered on the student's permanent record. Any subsequent upgrade to any grade will override the grade obtained at a previous attempt in the permanent record.

4.4 *Semester Grade Point Average*

4.4.1 The calculation of the SGPA will be based on the summation of Grade Points earned for all modules registered for credit (except those awarded with academic concession or withdrawn) in a semester weighted according to number of credits as per the following formula.

$$SGPA = \frac{\sum n_i \times g_i}{\sum n_i}$$

Where n_i is the number of credits for the ith module in a given semester and g_i is the grade points earned for that module.

4.4.2 The SGPA is rounded to the nearest second decimal place.

4.4.3 The SGPA is reported on Statement of Results that may be issued for each semester.

4.5 *Unsatisfactory Standing and Academic Probation*

4.5.1 If the student's SGPA falls between 1.50 and 1.99 the student will be placed on Academic Warning.

4.5.2 Any student with a SGPA less than 1.50 will be placed on Academic Probation.

4.5.3 Academic Probation and/or Academic Warning may be withdrawn when the relevant SGPA is upgraded to 2.00 or more.

4.5.4 A student on Academic Warning or Academic Probation who falls into one of the following categories due to failure to upgrade the SGPA will not be permitted to register for a new module until the SGPA improves as required.

    (i)   SGPA < 1.50 in any two semesters. (02 Academic Probations)

    (ii)   SGPA < 1.50 in any semester (01 Academic Probation), and
          $1.50 \leq$ SGPA < 2.00 in any two semesters (02 Academic Warnings).

    (iii) $1.50 \leq$ SGPA < 2.00 in any four semesters (04 Academic Warnings).

4.6 *Current Grade Point Average*

4.6.1 The Current Grade Point Average (CGPA) describes a student's current standing in terms of all modules registered for credits up to given point of time weighted according to the grades assigned to each module.

4.6.2 The weightage for each semester is taken as uniform for the calculation of CGPA.

4.7 *Overall Grade Point Average*

The OGPA is the final standing of the student calculated on the basis of CGPA of all the registered modules.

4.8 *Non-GPA Modules*

4.8.1 Of the total requirement for graduation, minimum of 12 credits should be earned through modules designated as Non-GPA modules.

4.8.2 Twenty one weeks of industrial training carries 6 Non-GPA credits.

4.8.3 The grades earned for Non-GPA modules will not be taken for the purpose of calculating the SGPA, CGPA, OGPA or in the award of Classes.

4.9 *Award of Stream, Focus Area and Minor*

Within a degree programme of a given Field of Specialization a student may opt for either Stream or Focus Area. In place of the Stream or Focus Area, a student may opt for a Minor offered by the Faculty. Descriptions of Stream or Focus Area and Minor are given below.

4.9.1 **Stream** is a path of study designed to orient a student towards a particular area of study within the Field of Specialization. The minimum total credits requirement of specific core modules to qualify for a Stream is 24, in addition to the project and the industrial training.

4.9.2 **Focus Area** allows a student to explore a concentrated area of study within the Field of Specialization. The minimum total credits requirement of specific core module to qualify for a Focus Area is 12, in addition to the project.

4.9.3 **Minor** allows a student to broaden the knowledge and competencies in a particular area of study outside the Field of Specialization. The minimum total credits requirement of specific core modules to qualify for a minor is 12.

4.10 *Award of Classes*

4.10.1 Awarding of Classes is determined at the completion of all the graduation requirements within five academic years. Overall GPA as indicated in Table 4 will be used for awarding of Classes.

Table 4: Award of Classes

Overall GPA	Academic Standing
3.70 - or Above	First Class
3.30 - 3.69	Second Class -Upper Division
3.00 - 3.29	Second Class -Lower Division
2.00 – 2.99	Pass

4.10.2 For a student considered under clause 3.5 and/or a student with exceptional circumstances, who has satisfied the OGPA requirement but has taken longer than five academic years to complete the course requirements may be deemed to be eligible for the award of a BSc Eng Hons degree with a class by the Senate on the recommendation of the Faculty.

4.11 *Academic Concession*

4.11.1 A student who has missed a WE or any other course requirements because of illness or other compelling reason may appeal with supporting documents to the Dean for an Academic Concession for the approval of the Senate. In case of a written examination, the student should submit an application with supporting documents within the time period specified under the clause on Absence from Examination of By-Law No. 15: Conduct of Examination from the date of an examination. In instances where a student misses any other course activity such as CA, the student should submit the application with supporting documents before the last date of academic activities of the relevant semester.

4.11.2 In case where a student under Engineering (Common Intake) requests for an academic concession for Semester 1 for the purpose of field selection, such decision shall be taken by the Medical Appeals Board subject to approval of the Senate.

4.12 *Dean's List*

Full time undergraduate students who achieve a SGPA of 3.80 or higher, and have completed at least the minimum number of Credits on a letter graded basis during the semester considered, have no **I** or **F** grades, and have no disciplinary action against them will be recommended by the Board of Examiners to be included in the Dean's List and such a placement will also be noted on the student's transcript.

5. GRADUATION REQUIREMENTS

5.1 *Minimum Residence Requirement*

A student enrolled for the BSc Eng Hons degree has to follow a programme of study as a full time student for a period extending over a minimum of four academic years. In the case of transfer students this would be a minimum of two years depending on the semester of enrollment.

5.2 *Credit Requirements*

A candidate should satisfy the following requirements in order to be admitted to the BSc Eng Hons degree:

5.2.1 A minimum total of 150 credits including minimum of 135 GPA credits and minimum of 12 non-GPA credits from among the modules specified for that field of specialization. The total should include 5 GPA credits from Humanities modules.

5.2.2 Completion of any other mandatory requirements prescribed by the Faculty.

5.2.3 A minimum Overall GPA of 2.00.

5.2.4 Credit requirements specified in the curriculum approved for the specialization by the Senate.

5.3 *Maximum Allowed Duration of Study*

5.3.1   A candidate will not qualify for the award of the BSc Eng Hons degree if the graduation requirements given are not satisfied within eight academic years from the date of first registration.

5.3.2   Under Medical Grounds the Senate may grant permission to extend the duration of study beyond the maximum allowed duration by an amount not exceeding the approved leave on medical grounds.

5.3.3   Under exceptional circumstances other than Medical Grounds, the Senate may grant permission to extend the maximum allowed duration of study by not more than one additional year on the recommendation of the Faculty.

5.4 *Modules from Other Institutions*

5.4.1   Normally students are expected to complete their programs through modules taken at the University of Moratuwa. Students who wish to take a module elsewhere should obtain written permission from the Faculty of Engineering before registering for the course, to ensure that it is acceptable for credit.

5.4.2   It is the responsibility of the student to ensure that an official transcript of grades is forwarded directly to the Senior Assistant Registrar (Academic) of the University of Moratuwa in order that the appropriate grade to be recorded. To receive credit, normally, a minimum grade of **C** (equivalent to at least 45%) must be obtained for a module.

6   EFFECTIVE DATE OF AWARD

The effective date of the award of the degree shall be reckoned as the first day of the month following the satisfactory completion of the graduation requirements, as confirmed by the Senate, and setout in Section 5 of this performance criteria.