Senior Assistant Registrar/ Examination

University Council Decisions

The following decisions taken at the **448**th meeting of the University Council held on **08.08.2024** are sent (**after the confirmation of the minutes**) for your information and necessary actions please.

448.05.70   **Approval for the Submission of the By-laws and Regulations for the Undergraduate Degrees (448/78)**

The 389th Senate meeting held on 27.03.2024 has recommended the following Bylaws and Regulations for the undergraduate Degrees, which were reviewed by the By-Law Review Committees held on 15.02.2024 and 15.03.2024 for approval of the Council.

1. Bylaw of the Bachelor of Science Honours in Medical Laboratory Science Degree, By-Law No. 102-2024.
2. Regulation of the Bachelor of Science Honours in Medical Laboratory Science Degree, By-Law No. 01.102-2024.
3. By-Law of the Bachelor of Science of Engineering Honours Degree, By-Law No. 42-2024.
4. Regulation of the Bachelor of Science of Engineering Honours Degree, By-Law No. 01.42-2024.
5. By-Law for the Bachelor of Arts Honours, By-Law No. 03-2024.
6. Regulation for the Bachelor of Arts Honours, Regulation No. 01.03-2024.
7. By-Law for the Bachelor of Arts Degrees of Humanities and Social Sciences, By-Law No. 04-2024.
8. Regulation for the Bachelor of Arts Degrees of Humanities and Social Sciences, Regulation No. 01.04-2024.
9. By-Law for the Degrees of Bachelor of Arts Honours, By-Law No. 05-2024.
10. Regulation for the Degrees of Bachelor of Arts Honours, Regulation No. 01.05-2024.

Furthermore, the 239th meeting of the Faculty Board of Engineering held on 14th March 2024 has discussed and decided that the effective date of Bachelor of Science of Engineering Honours Degree, By-Law No. 42-2024 should be the admission date of 24th intake of students (Admission year 2021/2022) which is on 13th March 2023 and the 390th Senate meeting held on 24.04.2024 has recommended the Faculty Board's recommendation for approval of the Council.

The Council approved the above Bylaws and Regulations based on the senate recommendations.

Registrar
University of Ruhuna
Matara

13.09.2024

Degree of the Bachelor of the Science of Engineering Honours
By-law No. 42 - 2024

University of Ruhuna

By-law made by the Council of the University of Ruhuna on …………… under Section 135 of the Universities Act. No. 16 of 1978, and amendments thereof.

BY- LAW

This By-law may be cited as the Bachelor of the Science of Engineering Honours By-law No. 42-2024 of the University of Ruhuna and shall come into effect on 13.03.2023.

This By-law applies to the Bachelor of the Science of Engineering Honours degree programme, offering specializations in Civil and Environmental Engineering, Electrical and Information Engineering, Mechanical and Manufacturing Engineering, and Computer Engineering. Any differences among the specialization areas are explicitly mentioned at relevant places.

1.0 General Requirements for Award of the Degree

1.1 The Degree of the Bachelor of the Science of Engineering Honours hereinafter referred to as "the degree" shall be awarded by the University of Ruhuna, Sri Lanka, hereinafter referred to as "the University" to a student who:
   a) has been admitted to the University as a student under section l35 of Universities Act No. l6 of 1978 and amendments thereof, and
   b) has been duly registered at the University, during the period of study prescribed by this By-law, and
   c) has completed the courses of study, to the satisfaction of the Senate, as prescribed by this By-law and Rules and Regulations made thereunder, and
   d) has passed examinations as prescribed by this By-law and Regulations made thereunder, and
   e) has paid such fees as prescribed for his/her case by this By-law and the Regulations of the University, and
   f) has fulfilled all the above requirements within eight academic years from the date of enrolment for the academic programme of the University, provided that it shall be within the power of the Senate to declare for some specified reason(s) that a student is eligible for the award of the Degree on a subsequent occasion, and
   g) has no on-going disciplinary inquiry conducted by the University, and
   h) has no on-going inquiry conducted by the University on examination offences.

1.2 The Degree shall be conferred on candidates, qualified as in Section 1.1, as prescribed by the Regulations made by the Senate.

1.3 The abbreviation of the name of the Degree shall be BScHonsEng.

2.0 Programme of Study

2.1 The programme of study leading to the BScEngHons degree consists of a common core course extending over the first two semesters, and a specialisation course extending over the next six semesters.

2.2 In the Common Core Course, a student shall take all Core Modules prescribed by the Senate. In the specialisation course, a student, in addition to all Core Modules prescribed for the major field of specialisation, shall choose Technical Elective (TE) and General Elective (GE) modules as prescribed by the Senate to satisfy the requirements.

2.3 The programme of study shall be for a period of not less than four academic years including the period of Industrial Training and Development Programme as prescribed by the Senate.

2.4 Each academic year will normally consist of two semesters as prescribed in the Regulations under this by-law.

2.5 A student shall complete a specified period of Industrial Training, at such Institutions/ Organizations as may be specified by the Coordinator, Engineering Education Centre of the Faculty of Engineering.

2.6 The fields of specialisation and the relevant course modules shall be as laid down by the Senate.

2.7 The syllabus for each course module, mode of evaluation, examination criteria, and scheme of award of classes shall be prescribed by the Senate on the recommendations of the Faculty Board.

2.8 The credit distribution for Core modules, Technical Elective (TE) modules, General Elective (GE) modules and Industrial training for each degree program is indicated below.

Module type	Minimum Credit Requirement			
	Civil and Environmental Engineering	Electrical and Information Engineering	Mechanical and Manufacturing Engineering	Computer Engineering
Core Modules	130	116	127	115
Technical/General Elective Modules	14	28	17	29
Industrial Training	6	6	6	6

3.0 Registration for the Degree Programme/ Course Modules

3.1 A student selected for admission to the degree programme in the Faculty of Engineering,

a) must satisfy the general University admission requirements for Faculties of Engineering as laid down by the University Grants Commission, Sri Lanka, and

b) must have been selected according to the stipulated University Admission Criteria.

3.2 Applicants with foreign qualifications referred for admission by the University Grants Commission shall be admitted only with the consent of the Faculty Board.

3.3 A student selected for admission shall register to follow the Common Core Course (Semesters 1 and 2) of the Degree Programme. Such registration shall be carried out as prescribed by the Senate.

3.4 Eligibility for registration for the subsequent Semesters of the programme shall be determined in accordance with the Section 4.2 and Section 7.3 of the Regulations as laid down by the Senate.

3.5 Prescribed fees payable for registration, examinations, and course fee wherever relevant shall be as determined by the Council of the University hereinafter referred to as "the Council".

3.6 A student admitted to the Degree Programme shall not be permitted concurrent registration for any other fulltime course of study, not permitted to register, or appear for any external examination without the prior consent of the Senate.

4.0 Evaluation

4.1 The performance of a student shall be evaluated for each course module as prescribed by the Senate on the recommendation of the Faculty Board subject to eligibility requirements stipulated in the Regulations.

4.2 The continuous assessment component may include marks from one or more of the following: class participation, marked assignments, laboratory/field reports, designs, work camp(s), projects, seminars, presentations, demonstrations, oral examinations, and in-class assessments.

4.3 The mode of assessment and the distribution of weight between continuous assessment and end-of-semester examination for each module shall be determined by the Senate on the recommendation of the Faculty Board.

4.4 An outline of the module, class activities, assignments, examinations, and weights assigned shall be announced to the students by the Coordinator/Lecturer-in-charge at the commencement of the module.

4.5 A Board of Examiners shall consider the performance of the candidate based on the assessment made by the examiners/moderators at the end of each semester and shall make recommendation to the Senate.

4.6 A student's registration for modules of a Semester shall be considered as the registration for examination of modules in the Semester.

4.7 A repeater is a student who has previously attempted a module and did not achieve a passing grade, and desires to retake the exam. An application to appear for an examination as a repeater shall be made prior to prescribed dates and shall be accompanied by the prescribed examination fees.

4.8 In the case of illness or other acceptable reason, a student may be permitted to withdraw from an examination as per conditions laid down by the Senate.

5.0 Eligibility to Sit for Examinations

5.1 The minimum of 80% attendance in the proper attempt for theory classes, and completion of all laboratory sessions/field sessions/design sessions/work camp(s)/ project(s) is required for a student to be eligible to appear for the end semester examination(s) of the relevant course module. In case of Industrial Training, attendance is required as prescribed in the Industrial Training Manual.

5.2 If a student is not eligible to sit for the end exam, he/she may appeal to the Dean of the Faculty of Engineering to request eligibility. In such instances, the student must submit an appeal along with supporting documents. If the appeal is approved by the Faculty Board, the student may be granted permission to sit for the examination.

6.0 Allocation of Grades

6.1 The evaluation of a Core module, a Technical Elective (TE) module and a General Elective (GE) module which is counted for Grade Point Average (GPA) shall be expressed by a letter grade on a 4.0 grading scale according to given marks range as described below.

Marks Range	Grade	Grade Point	Notes
85 - 100	A+	4.0	1
75 - 84	A	4.0	
70 - 74	A-	3.7	
65 - 69	B+	3.3	
60 - 64	B	3.0	
55 - 59	B-	2.7	
50 - 54	C+	2.3	
45 - 49	C	2.0	2
40 - 44	C-	1.7	3
0 - 39	E	0.0	4,5

Grade	Reason	Note
MC	Academic Concession for medical reasons	6
AC	Academic Concession other reasons except medicals	7
WH	Results Withheld	8

Notes:

1. Grade A+ signifies outstanding performance.
2. Grade C or above is the normal requirement to pass a module.
3. Grade C- is a conditional pass grade and is counted in the calculation of the Semester Grade Point Average (SGPA), and Cumulative Grade Point Average (CGPA). In the proper attempt, students can earn credits for C- grades only if he/she has achieved a SGPA of 2.00 or above and has, in that semester, no more than three grades at the level of C- or below. In the repeat attempts, students can not earn credits for C- grades. A student may improve a grade C- to the highest possible grade of C by repeating the module. Grade C and above cannot be improved by repeating the module.
4. Grade E signifies failure in the module. In order to complete the module, a student shall repeat the module. The grade is counted in the calculation of the Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA).
5. The Continuous Assessment marks shall be carried forward up to maximum of two consecutive years and shall only be replaced with an improvement by reattempting. Improved Continuous Assessment marks shall be eligible for the improvement of overall grade to highest possible grade of C.
6. Grade MC signifies Academic Concession for medical reasons which enables the student to repeat the module as the first attempt. In such case, SGPA will not be calculated.
7. Grade AC signifies Academic Concession other reasons except medicals considered under Note 6 which enables the student to repeat the module as the first attempt. In such case, SGPA will not be calculated.
8. Grade WH signifies Results Withheld. In such a case, SGPA will not be calculated.

6.2 General Elective (GE) modules may or may not be counted towards GPA. Those GE modules that are not evaluated based on the Four Point Grading System as in section 6.1, and Industrial Training are not counted towards GPA. Upon successful completion of each of these modules, a grade 'H' indicating an Excellent Achievement, a grade 'M' indicating a Good Achievement, or a grade 'S' indicating a Satisfactory Achievement is awarded according to the given marks range as shown below. A student who receives a fail grade 'F' may improve it to a grade 'S' by repeating the module. The grades MC, AC or WH may also be assigned to these modules.

Marks Range	Grade	Description
75 - 100	H	Excellent
60 - 74	M	Good
45 - 59	S	Satisfactory
0 - 44	F	Fail

6.3 A student who has missed any continuous assessment component due to illness or other acceptable reasons may appeal, providing supporting documents, to the module coordinator within one week from the date of the assessment. Documents supporting his/her claim should be submitted as stated in the approved Regulations under this by-law.

6.4 A student who has missed an end-of-semester examination because of illness or other acceptable reason may appeal with supporting documents to the Dean for an Academic Concession within one week from the date of reporting to the faculty after medical leave. An Academic Concession (grade MC or AC) shall require the approval of the Faculty Board. Documents supporting his/her claim for an Academic Concession should be submitted as stated in the approved Regulations under this By-law.

6.5 The highest grade obtainable at a repeat attempt is the grade C (or the grade S as the case may be) except when an Academic Concession has been granted. Every grade shall be entered on the student's permanent record. The grade at the first attempt and the improved grade earned at a subsequent attempt, if any, shall be recorded alongside the number of attempts for each module.

6.6 The Grade Point Average (GPA) is calculated at the end of the student's study programme in the faculty, by considering all the core modules, Technical Elective (TE) modules and General Elective (GE) modules which are counted for GPA, as follows. If the number of Technical Elective and General Elective (counted for GPA) modules completed by a student exceeds the requisite number, the excessive number of modules is selected and removed in GPA calculation to maximize the GPA.

$$GPA = \frac{\sum_{i=1}^{n} w_i \, C_i \, GPV_i}{\sum_{i=1}^{n} w_i \, C_i}$$

where

$$w_i = \begin{cases} 0.05 \text{ for } i^{th} \text{module in semesters } 1, 2 \\ 0.15 \; i^{th} \text{module in for semesters } 3, 4, 5, 6, 7, 8 \end{cases}$$

n is the number of modules with an earned GPA up to the time of calculation
C_i is the number of credits allocated to i^{th} module,
GPV_i is the Grade Point Value earned for the ith module.

The semester Grade Point Average (SGPA) of the jth semester, calculated as

$$SGPA_j = \frac{\sum_{i=1}^{n} C_i \; GPV_i}{\sum_{i=1}^{n} C_i}$$

n is the number of registered modules counted for GPA in the jth semester
C_i is the number of credits allocated to i^{th} module of jth semester
GPV_i is the Grade Point Value earned for the ith module of jth semester

The Cumulative Grade Point Average (CGPA) is calculated based on the summation of Grade Point Values earned for all modules registered for credits, up to the time of calculation, weighted according to the number of credits and module weight as follows.

$$CGPA = \frac{\sum_{i=1}^{n} w_i C_i \, GPV_i}{\sum_{i=1}^{n} w_i C_i}$$

where
n is the number of modules with an earned GPA up to the time of calculation,
C_i is the number of credits allocated to i^{th} module,

$$w_i = \begin{cases} 0.05 \text{ weight for } i^{th} \text{ module in semesters } 1, 2 \\ 0.15 \text{ weight for } i^{th} \text{ module in semesters } 3, 4, 5, 6, 7, 8 \end{cases}$$

GPV_i is the Grade Point value earned for the ith module.

GPA, SGPA, and CGPA shall be calculated up to the nearest second decimal. point.

7.0 Requirement for Graduation

A candidate to be admitted to the degree of the Bachelor of the Science of Engineering Honours (BScEngHons) shall satisfy the following requirements:
a) A minimum total of 150 credits that comprise of all the Core modules, Technical Elective (TE) modules, General Elective (GE) modules and Industrial Training, satisfying the conditions in Sections 6.1 and 6.2 as relevant.
b) Technical Elective (TE) modules and General Elective (GE) modules must be chosen from the list offered by the relevant Department satisfying the accreditation requirements for an engineering degree as specified by the Institution of Engineers Sri Lanka (IESL).
c) Completion of the Developmental Programme, Industrial Training, English Language Proficiency Test, and any other mandatory requirements prescribed by the Faculty Board with the approval of the Senate.
d) A residence requirement of four academic years as a duly registered full-time student of the University.
e) A minimum Grade Point Average (GPA) of 2.00 at the time of eligible for graduation.

8.0 Award of Classes

8.1 A student shall be deemed to be eligible for the award of the degree of BScEngHons with a class on satisfying the Grade Point Average (GPA) not less than 3.00 and completion of all programme requirements to the satisfaction of the Senate within a period of four academic years from the date of commencement of the programme of study.

8.2 The award of BScEngHons with a class shall be according to the Grade Point Average values stipulated below;

GPA	Class Awarded
GPA ≥ 3.70	First Class
3.30 ≤ GPA < 3.70	Second Class Upper Division
3.00 ≤ GPA < 3.30	Second Class Lower Division

8.3 A candidate who has not satisfied the eligibility requirements for a class stated under section 8.1 shall be deemed to be eligible for the award of the degree of BScEngHons on satisfying the minimum graduation requirements stated under 7(a) to 7(e).

8.4 A candidate who satisfies the GPA requirement for a Class but takes longer than four academic years to complete the programme requirements may be deemed to be eligible

for the award of a BScEngHons degree with a Class as decided by the Senate on the recommendation of the Faculty Board under extenuating circumstances.

8.5 Notwithstanding the above provisions, individual cases may be dealt with on the basis of their own merits by the Faculty Board with the approval of the Senate on the recommendation of the Board of Examiners.

9.0 Award of the Degree

A student shall be eligible for the conferment of the degree in Bachelor of the Science of Engineering Honours after the successful completion of all the stipulated requirements in section 7 within a maximum period of eight academic years from the date of the first registration to the faculty.

10.0 Effective Date of the Degree

10.1 The effective date of the degree shall be the date following the last day of the final evaluation conducted by the faculty when the student fulfils all the requirements for graduation.

10.2 In case a student has an ongoing inquiry for an examination or disciplinary offenses conducted against him/her by the University, results of the relevant examination/s shall not be released until the inquiry is completed. In such situations, the effective date of the degree shall be determined by the Senate.

11.0 Revision of By-law/ Regulations

11.1 Regulations under this By-law may be revised/amended by the Senate as and when necessary.

11.2 All other common Rules and Regulations applicable to Universities in Sri Lanka and to the University of Ruhuna in particular are also applicable to students registered for this degree programme.

11.3 This By-law may be revised/amended as and when necessary.

12.0 Interpretations

12.1 In this By-law unless the context otherwise requires:
"University" means the "University of Ruhuna, Sri Lanka" as established by the Gazette Notification No. 281/07 dated 24-01-1984.
"Council" means "the Council of the University of Ruhuna", constituted by the Universities Act No.16 of 1978 and amendments thereof.

"Senate" means "the Senate of the University of Ruhuna", constituted by the Universities Act No. 16 of 1978 and amendments thereof.

"Faculty of Engineering" or "Faculty" means "the Faculty of Engineering, University of Ruhuna".

"Faculty Board" means "the Faculty Board of the Faculty of Engineering, University of Ruhuna".

"Dean" means "the Dean of the Faculty of Engineering, University of Ruhuna".

"Head of the Department" means "the Head of the Department of Study" where the student is enrolled.

12.2 Any question regarding the interpretation of this By-law shall be referred to the Council whose decision thereon shall be final and conclusive.

Regulation No. 01.42-2024 made under the By-law No 42-2024
Degree of the Bachelor of the Science of Engineering Honours
University of Ruhuna

These Regulations may be cited as the University of Ruhuna, Sri Lanka, Regulation No. 01.42-2024 for the Degree of the Bachelor of the Science of Engineering Honours (BScEngHons) and will come into effect on 13.03.2023.

These regulations apply to the Bachelor of the Science of Engineering Honours degree programme, offering specializations in Civil and Environmental Engineering, Electrical and Information Engineering, Mechanical and Manufacturing Engineering, and Computer Engineering. Any differences among the specialization programs are explicitly mentioned at relevant places.

1. Admission requirements

1.1 All applicants for admission to the bachelor's degree programme in the Faculty of Engineering must satisfy the general university admission requirements for Faculties of Engineering as laid down by the University Grants Commission, Sri Lanka.

1.2 Applicants with foreign qualifications referred for admission by the University Grants Commission shall be admitted only with the consent of the Faculty Board.

2. Registration

2.1 Students admitted to the Faculty shall register as full time students. A student shall pay any fees prescribed by the University and maintain registration during the period of study.

2.2 A student may withdraw from the programme due to a valid reason for a period with the approval of the Senate on the recommendation of Faculty Board.

3. Course Structure

3.1 The program of study leading to the degree of the Bachelor of the Science of Engineering shall be a full-time course organized over four academic years.

3.2 The official academic calendar of dates approved by the Senate on the recommendation of the Faculty Board is announced prior to the commencement of each academic year.

A typical academic year of the degree program in the specialization areas of Civil and Environmental Engineering and Mechanical and Manufacturing Engineering is as follows.

Odd Semester (1st half)	7 weeks	Even Semester (1st half)	7 weeks
Mid-semester recess	1 week	Mid-semester recess	1 week
Odd Semester (2nd half)	7 weeks	Even Semester (2nd half)	7 weeks
Study leave	1 week	Study leave	1 week
Examination period	2 weeks	Examination period	2 weeks
Vacation	1 week	Industrial Training, Work Camp / Vacation	15 weeks

The Computer Engineering and Electrical and Information Engineering specialization programs consist of 7 regular semesters and 1 short semester, as outlined below. The short semester occurs after the fourth semester. 24 weeks industrial training will be taken place during the specialization.

A typical regular semester and the short semester are as follows:

Regular semester (1st half)	7 weeks	Short semester (1st half)	5 weeks
Mid-semester recess	1 week	Mid-semester recess	1 week
Regular Semester (2nd half)	7 weeks	Short semester (2nd half)	5 weeks
Study leave	1 week	Study leave	1 week
Examination period	2 weeks	Examination period	2 weeks
Vacation	1 week	Vacation	1 week

3.3 The programme of study leading to the BScEngHons degree consists of:
   i) a common core course extending over the first two semesters, and
   ii) a specialisation course of three academic years' duration extending over the next six semesters.

3.4 A Developmental Programme of 8 - 10 weeks consisting of courses in Computer Applications, English, and Social Awareness is provided as a preparation for the degree programme and all students shall follow it. A grade 'H' indicating an Excellent achievement or a grade 'M' indicating a Good achievement or a grade 'S indicating a Satisfactory achievement shall be awarded on successful completion of each course. A student, who receives a grade fail, 'F', shall improve it to a grade "S". Two repeat attempts along with supplementary sessions to improve the grade shall be offered within the first year of study. Registration for the specialisation courses shall be withheld unless all courses offered in the Developmental Programme are successfully completed by a student.

3.5 However, a student who failed the Development Programme even after the repeat attempts may appeal to the Dean to consider for registration for specialisation courses. Such appeals shall be considered on a case-by-case based on satisfactory attendance during Development Programme and completion of 18 credits in Semesters 1 and 2. In the event that such appeal is granted the student shall be allowed to register for the specialisation courses subject to the conditions specified by the Faculty Board of Engineering with the approval of the Senate.

3.6 In the common core course a student shall take all Core Modules carrying total of thirty-six (36) credits as prescribed by the Senate on the recommendation of the Faculty Board. In the specialisation course, a student, in addition to all Core Modules prescribed for the major field of specialisation, shall choose Technical Elective (TE) and General Elective (GE) modules as prescribed by the Senate on the recommendation of the Faculty Board. The syllabus for each course module, mode of evaluation, examination criteria shall be prescribed by the Senate on the recommendation of the Faculty Board.

3.7 Each module shall be assigned a credit value that indicates the student's workload associated with class attendance and preparation. One credit shall typically be equivalent to academic work involved in attending 14 hours of lectures/28 hours of seminar; or 28 hours of tutorial/laboratory/field/design work over a period of one semester. A Work Camp/Training Course of two weeks' duration or Industrial

Training attachment of four weeks' duration shall be considered as the equivalent of one credit. The modules offered in a semester and the number of credits assigned to each module shall be determined by the Faculty Board and the students duly informed ahead of the commencement of that semester.

3.8 The credit distribution for Core modules, Technical Elective (TE) modules, General Elective (GE) modules and Industrial training for each degree program are as indicated below.

Module type	Minimum Credit Requirement			
	Civil and Environmental Engineering	Electrical and Information Engineering	Mechanical and Manufacturing Engineering	Computer Engineering
Core Modules	130	116	127	115
Technical/General Elective Modules	14	28	17	29
Industrial Training	6	6	6	6

4. Common Core Course

4.1 The Common Core Course offered jointly by all departments of study in the Faculty shall consist of thirty six (36) credits towards the graduation requirement.

4.2 Selection of a field of specialisation:

4.2.1 The selection of students to the fields of specialization shall be made at the end of Semester 2 of the programme. When the number of applicants for a field of specialisation is more than the number of vacancies available, selection would be done using the merit list based on the mean of the Semester Grade Point Average (SGPA) of Semesters 1 and 2.

4.2.2 When calculating the mean SGPA for preparing the merit list in section 4.2.1 the Grade Point Values (GPV) for Grades AC, MC and WH are taken as zero.

4.2.3 A minimum of eighteen (18) total credits including a minimum of six (6) credits from each semester of the 1st year are required to obtain the registration for a specialisation course.

4.2.4 A student who fails any module in the Common Core Course should improve the grade to pass level (grade C) by reattempting the module as a repeater during his/her academic duration subject to satisfying the section 8.2 (Note 4).

4.2.5 If a student fails to obtain the minimum requirement as stipulated in Section 4.2.3 due to medical or any other acceptable reason, he/she should get proper approval through the Faculty Board for the academic concession. His/her registration for the specialisation courses will be determined as in sections 4.2.1 and 4.2.2. In addition, a student has the option to complete all modules in the next available attempt and obtain required total credits to register for a specialisation course as a first attempt candidate with the following batch. In this case, student should inform the Dean about his/her option within one week after the final date of the relevant semester examination.

4.2.6   When the number of applicants having the same Common Core SGPA are competing for a fewer number of vacancies under a specialisation, tie breaking in allocation is done based on the performance in tie breaking modules. List of tie breaking modules for each department is shown below.

Civil and Environmental Engineering	CE 2201	Fundamentals of Fluid Mechanics
	CE 2302	Mechanics of Materials
Computer Engineering	EE 1102	Programming Fundamentals
	EE 2202	Object-Oriented Programming
Electrical and Information Engineering	EE 1301	Fundamentals of Electricity
	EE 2201	Fundamentals of Electronics
Mechanical and Manufacturing Engineering	ME 1202	Fundamentals of Thermodynamics
	ME 2302	Fundamentals of Materials and Manufacturing Engineering

5. Specialisation Courses

5.1   Specialisation courses shall be offered in the major field of study viz. Civil and Environmental Engineering, Computer Engineering, Electrical and Information Engineering, and Mechanical and Manufacturing Engineering.

5.2   The number of students admitted to the specialisation courses will be limited by the number of places available in each specialisation. An admission to a particular specialisation course is based on the student's preference and academic performance in the Common Core Course.

5.3   The core module Industrial Training is conducted outside the normal semesters, and a minimum of six credits are required to satisfy the graduation requirement. Industrial Training comprises Industrial Training attachments, Work Camps and/or Training Courses prescribed by the Faculty Board as mandatory. The number of credits awarded shall be as described under 3.7. A grade 'H' indicating an Excellent Achievement or a grade 'M' indicating a Good Achievement or a grade 'S' indicating a Satisfactory Achievement is required to be awarded on successful completion of this module. Graduation shall be withheld if Industrial Training is not successfully completed by a student.

5.4   The Technical Elective (TE) and General Elective (GE) modules offered in any particular semester are subject to the availability of resources and need as determined by the Department; approved by the Faculty Board and the Senate and shall be announced to the students ahead of the commencement of that semester. From time to time, each Department can define, with the approval of the Faculty Board, certain limiting criteria with regard to the choice of technical and general elective modules.

5.5   During the degree programme, a student is required to take a minimum of 150 credits in total that comprising all the Core modules, Technical Elective (TE) modules, General Elective (GE) modules and Industrial Training. Technical Elective (TE) modules and General Elective (GE) modules must be chosen from the list offered by the relevant Department satisfying the accreditation requirements for an engineering degree as specified by the Institution of Engineers Sri Lanka (IESL).

5.6 A student is allowed to follow a Core module, Technical Elective module or General Elective module, only if the student has fulfilled the prerequisites for that module and the module level is not greater than the highest semester of eligibility of the student (section 7.3). To fulfil the requirement of prerequisites specified, a student should have at least followed the module/s specified as prerequisite/s before registering for the particular module.

5.7 A student is allowed to register for modules offered by a particular semester within two weeks' time of commencing the semester.

5.8 With relevant permissions, a student is allowed to add or drop modules within a period of one week after the registration unless prescribed by the Faculty Board.

6. Academic Advisers

6.1 At the commencement of the Development Programme, each student shall be assigned an Academic Adviser from among the members of the academic staff of the Faculty, who will provide an opportunity for the student to discuss career goals and seek advice on resolving academic matters and other pressing issues. The Academic Adviser will also monitor the student's academic progress. An effort will be made to maintain the same Academic Adviser during the student's stay in the Faculty.

6.2 Students are required to consult their respective Academic Advisers and obtain their approval for academic load and choice of modules before registering for the next semester.

6.3 Adding or dropping modules after registration should be done as per the section 5.8 with the approval of the academic adviser.

6.4 A student may, with valid reason, and with the approval of the Faculty Board given on the recommendation of the Academic Adviser, withdraw from the programme for the period granted by the Faculty Board.

6.5 A Student may appeal to the Dean when not in agreement with a decision of the Academic Adviser.

7. Academic Load and Semester Eligibility

7.1 The normal academic load of a full-time student in a semester shall be 18 credits.

7.2 A student, with the approval of the Academic Adviser shall be permitted to take a maximum of 6 credits above or below the normal semester academic load. A student may, with valid reason, follow an academic load beyond the above limits, after obtaining the approval of the Faculty Board, given on the recommendation of the student's Academic Adviser.

7.3 The semesters eligibility for the specialization areas of Civil and Environmental Engineering and Mechanical and Manufacturing Engineering is determined by the cumulative number of credits a student has acquired by the end of the preceding semester as follows.

Total Credits	Semesters of Eligibility
0-17	1,2
18-61	1,2,3,4
62-95	1,2,3,4,5,6
96 or more	1,2 3,4,5,6,7,8

Note:
To reach Semester 3, a student shall have successfully completed the Development Programme.

The semesters eligibility for the specialization programs of Computer Engineering and Electrical and Information Engineering is determined by the cumulative number of credits a student has acquired by the end of the preceding semester as follows.

Total Credits	Semesters of Eligibility
0-17	1,2
18-90	1,2,3,4,5,6
91 or more	1,2 3,4,5,6,7,8

Note:
To reach Semester 3, a student shall have successfully completed the Developmental Programme.

8. Evaluation and Grading

8.1 The module coordinator, lecturers/examiners for each module conducted in a semester shall be nominated by the Faculty Board and approved by the Senate. A committee comprising the module coordinators and lecturers/ examiners for all modules offered by the Department, under the supervision of the Head of the relevant Department, is responsible for evaluating the performance of a student in all modules and for issuing the respective grades. The Board of Examiners comprising examiners/lecturers and coordinators of all modules and the Heads of the Departments shall meet at the end of each semester and decide on the performance of each student.

8.2 The performance of a student in each module is evaluated by continuous assessments and an end semester examination. The evaluation of a Core module, a Technical Elective (TE) module and a General Elective (GE) module which is counted for GPA shall be expressed by a letter grade on a 4.0 grading scale according to given marks range as described below.

Marks Range	Grade	Grade Point Values (GPV)	Notes
85 - 100	A+	4.0	1
75 - 84	A	4.0	
70 - 74	A-	3.7	
65 - 69	B+	3.3	
60 - 64	B	3.0	
55 - 59	B-	2.7	
50 - 54	C+	2.3	
45 - 49	C	2.0	2
40 - 44	C-	1.7	3
0 - 39	E	0.0	4,5

Grade	Reason	Note
MC	Academic Concession for medical reasons	6
AC	Academic Concession other reasons except medicals	7
WH	Results Withheld	8

Notes:
1. Grade A+ signifies outstanding performance.
2. Grade C or above is the normal requirement to pass a module.
3. Grade C- is a conditional pass grade and is counted in the calculation of the Semester Grade Point Average (SGPA), and Cumulative Grade Point Average (CGPA). In the proper attempt, students can earn credits for C- grades only if he/she has achieved a SGPA of 2.00 or above and has, in that semester, no more than three grades at the level of C- or below. In the repeat attempts, students cannot earn credits for C- grades. A student may improve a grade C- to the highest possible grade of C by repeating the module. Grade C and above cannot be improved by repeating the module.
4. Grade E signifies failure in the module. In order to complete the module, a student shall repeat the module. The grade is counted in the calculation of the Semester Grade Point Average (SGPA), and Cumulative Grade Point Average (CGPA).
5. The Continuous Assessment marks shall be carried forward up to maximum of two consecutive years and shall only be replaced with an improvement by reattempting. Improved Continuous Assessment marks shall be eligible for the improvement of overall grade to highest possible grade of C.
6. Grade MC signifies Academic Concession for medical reasons which enables the student to repeat the module as the first attempt. In such case, SGPA will not be calculated.
7. Grade AC signifies Academic Concession for reasons other than medicals considered under Note 6 which enables the student to repeat the module as the first attempt. In such case, SGPA will not be calculated.
8. Grade WH signifies Results Withheld. In such a case, SGPA will not be calculated.

8.3 General Elective (GE) modules that are not evaluated based on the Four Point Grading System as in section 8.2 and Industrial Training are not counted towards SGPA. Upon successful completion of each of these modules, a grade 'H' indicating an Excellent Achievement, a grade 'M' indicating a Good Achievement, or a grade

'S' indicating a Satisfactory Achievement is awarded according to the given marks range as shown below. A student who receives a fail grade 'F' may improve it to a grade 'S' by repeating the module. The grades MC, AC or WH may also be assigned to these modules. However, individual Departments may, from time to time, allow the students the option of taking a number of General Elective (GE) modules which are counted for GPA, in which case, their evaluation shall follow the procedure laid out in section 8.2.

Marks Range	Grade	Description
75 - 100	H	Excellent
60 - 74	M	Good
45 - 59	S	Satisfactory
0 - 44	F	Fail

8.4 The Continuous Assessment component may include but not limited to marks from one or more of the following: class participation, assignments, laboratory/field reports, project(s) work, viva-voce, presentations/demonstrations, seminars, and in-class assessments.

8.5 The minimum of 80% attendance in the proper attempt for theory classes and completion of all laboratory sessions/field sessions/design sessions/work camp(s)/ project(s) are required for a student to be eligible to appear for the end semester examination(s) of the relevant course module. Any additional requirement should be determined by the faculty board and approved by the Senate. In case of Industrial Training, attendance is required as prescribed in the Industrial Training Manual.

8.6 The mode of assessment and the distribution of weight between continuous assessment and end semester examination for each module shall be approved by the Senate on the recommendation of the Faculty Board.

8.7 An outline of the module, class activities, assignments, examinations, and weights assigned shall be announced to the students by the coordinator/lecturer-in-charge at the commencement of the module.

8.8 A student who has missed an end semester examination because of illness or other acceptable reason may appeal with supporting documents to the Dean for an Academic Concession within one week from the date of reporting to the faculty. An Academic Concession (grade MC or AC) shall require the approval of the Faculty Board. Documents supporting his/her claim for an Academic Concession should be as follows.

8.8.1 Illness during Examination Period
If a student is unable to sit for the examinations of a particular semester due to an illness, he/she shall contact the University/Faculty Medical Officer and inform the faculty office. The medical certificates obtained from outside medical officers shall be submitted to the faculty office within a week from the date of reporting to the faculty after medical leave (These certificates shall be accepted only with the approval of the University/Faculty Medical Officer).

8.8.2 Absence due to other reasons
If a student is unable to attend end semester examination due to a reason other than illness, he/she shall inform the faculty office in writing with acceptable evidence within a week.

8.9 A student who is unable to attend lectures and/or who has missed any continuous assessment component(s) because of illness or other acceptable reason may appeal with supporting documents to the module coordinator. Documents supporting his/her claim should be as follows.

8.9.1 Absence due to illnesses
If a student is unable to attend lectures and/or misses any continuous assessment component due to an illness he/she shall inform the module coordinator within a week from the date of reporting to the faculty after medical leave. If a student wishes, he/she can get medical assistance from a government or a private doctor. However, the University/Faculty medical officer shall approve the medical certificates issued by them.
Such medical certificate shall be obtained from following persons:
   i. University Medical Officer
   ii. District Medical Officer
   iii. Certified medical officer
   iv. Consultant Specialist in the relevant field
   v. Head of a Government Hospital
   vi. Medical Superintend of a Provincial Ayurvedic Government Hospital
   vii. Ayurvedic Physician registered in the Ayurvedic Medical Council

8.9.2 Absence due to other reasons
If a student is unable to attend lectures and/or misses any continuous assessment component due to a reason other than illness, he/she shall inform the module coordinator in writing with acceptable evidence within a week.

8.9 The highest grade obtainable at a repeat attempt is the grade C (or S, as the case may be) except when an Academic Concession has been granted. Every grade shall be entered on the student's permanent record. The grade at the first attempt and the improved grade earned at a subsequent attempt, if any, shall be recorded alongside the number of attempts for each module.

9. Academic Dishonesty

9.1 Students are expected to act with full integrity in all academic endeavours: any use of words, formulae or ideas that are not one's own must be acknowledged whether the source is a book, an article, the Internet, a lecture, or a peer. Providing or receiving unauthorized help on papers, examinations or other academic work is also a violation of the University's policies on academic integrity.

9.2 The consequences of cheating, plagiarism, unauthorized collaboration, and other forms of academic dishonesty could result in the student's suspension or expulsion from the University if proven.

10. Semester Grade Point Average (SGPA)

10.1 The grade earned by a student for any Core Module, Technical Elective Module or General Elective Module which is counted for GPA shall be converted into Grade Point Value (GPV) according to section 8.2 above.

10.2 The calculation of the Semester Grade Point Average (SGPA) shall be based on the summation of Grade Point Values earned for all modules registered in the semester for credits, weighted according to the number of credits as in Equation 10.1.

$$\text{SGPA} = \frac{\sum_{i=1}^{n} C_i \ GPV_i}{\sum_{i=1}^{n} C_i} \qquad \qquad \text{Equation (10.1)}$$

Where, n is the number of registered GPA modules, C_i is the number of credits allocated to i^{th} module, and GPV_i is the Grade Point Value earned for i^{th} module for the particular semester.

10.3 The Semester Grade Point Average shall not be calculated if grade MC, AC or WH is received.

10.4 The Semester Grade Point Average is rounded up to the nearest second decimal place.

10.5 The SGPA is reported on transcripts and Statement of Results.

11. Cumulative Grade Point Average (CGPA)

11.1 The grade earned by a student for any Core Module, Technical Elective Module or General Elective Module which is counted for GPA shall be converted into Grade Point Value (GPV) according to section 8.2 above.

11.2 The calculation of the Cumulative Grade Point Average (CGPA) shall be based on the summation of Grade Point Values earned for all modules registered for credits, up to the time of calculation, weighted according to the number of credits and module weight as in Equation 11.1.

$$\text{CGPA} = \frac{\sum_{i=1}^{n} w_i C_i \ GPV_i}{\sum_{i=1}^{n} w_i C_i} \qquad \qquad \text{Equation (11.1)}$$

where
C_i is the number of credits allocated to i^{th} module,
$$w_i = \begin{cases} 0.05 \text{ weight for } i^{th} \text{ module in semesters } 1, 2 \\ 0.15 \text{ weight for } i^{th} \text{ module in semesters } 3, 4, 5, 6, 7, 8 \end{cases}$$
GPV_i is the Grade Point value earned for the ith module,
n is the number of modules with an earned GPV up to the time of calculation.

11.3 The Cumulative Grade Point Average shall not be calculated if grade MC, AC or WH is received.

11.4 The Cumulative Grade Point Grade Point Average is rounded up to the nearest second decimal place.

12. Grade Point Average (GPA)

12.1 The Grade Point Average (GPA) is the CGPA calculated at the end of the degree program after fulfilling all the graduation requirements in Section 13.

12.2 The Grade Point Average (GPA) is calculated at the end of the student's study programme in the Faculty, by considering all the core modules, Technical Elective (TE) modules and General Elective (GE) modules which are counted for GPA, optimized for maximum value of GPA using Equation 12.1. If the number of Technical Elective and General Elective (counted for GPA) modules completed by a student exceeds the requisite number, the excessive number of modules is selected and removed in GPA calculation to maximize the GPA.

$$\text{GPA} = \frac{\sum_{i=1}^{n} w_i C_i \, \text{GPV}_i}{\sum_{i=1}^{n} w_i C_i} \qquad \text{Equation (12.1)}$$

where
C_i is the number of credits allocated to i^{th} module,
$$w_i = \begin{cases} 0.05 \text{ weight for } i^{th} \text{ module in semesters } 1, 2 \\ 0.15 \text{ weight for } i^{th} \text{ module in semesters } 3, 4, 5, 6, 7, 8 \end{cases}$$
GPV_i is the Grade Point value earned for the ith module,
n is the number of modules with an earned GPV at the end of study period.

The Grade Point Grade Point Average (GPA) is rounded up to the nearest second decimal place.

13. Graduation Requirements

13.1 A student shall not qualify for the award of the BScEngHons degree if the graduation requirements are not satisfied within eight academic years from the time of admission to the Common Core Course except with the consent of the Senate on the recommendation of the Faculty.

13.2 A student admitted to the degree programme in the Faculty shall be a candidate for a degree with Honours.

13.3 A student shall be deemed to be eligible for the award of the degree of the BScEngHons on satisfying the following requirements.
   i) A minimum total of 150 credits that comprising all the Core modules, Technical Elective (TE) modules, General Elective (GE) modules and Industrial Training satisfying the conditions in sections 8.2 and 8.3.
   ii) Technical Elective (TE) modules and General Elective (GE) modules must be chosen from the list offered by the relevant Department satisfying the accreditation requirements for an engineering degree as specified by the Institution of Engineers Sri Lanka (IESL).
   iii) Completion of the Developmental Programme, Industrial Training and any other mandatory requirements prescribed by the Faculty Board with the approval of the Senate.
   iv) A Grade Point Average (GPA) not less than 2.00.

v) Completion of all programme requirements to the satisfaction of the Senate within a period of four academic years from the commencement of the common core course.

vi) A residence requirement of four academic years as a duly registered full-time student at the University.

vii) A student shall be deemed to be eligible for the award of the degree of the BScEngHons with a class by satisfying following requirements.

GPA	Class awarded
GPA $\geq$ 3.70	First Class
3.30 $\leq$ GPA < 3.70	Second Class Upper Division
3.00 $\leq$ GPA < 3.30	Second Class Lower Division

13.4 A student who satisfies the GPA requirement for Honours but takes longer than four academic years to complete the programme requirements may deem to be eligible for the award of a BScEngHons as decided by the Senate on the recommendation of the Faculty Board under extenuating circumstances.

13.5 Notwithstanding the above provisions, individual cases may be dealt with on the basis of their own merits by the Faculty Board with the approval of the Senate on the recommendation of the Board of Examiners.

14. Maximum Allowed Duration of Study

A student shall not qualify for the award of the BScEngHons degree if the graduation requirements given are not satisfied within eight academic years from the date of commencement of the programme of study. Under medical reasons, with the recommendation of Faculty Board, the Senate may grant permission to extend the duration of study as approved by the Senate on the recommendation of the Faculty Board on medical reasons. Under exceptional circumstances other than medical reasons, the Senate may grant permission to extend the maximum allowed duration of study by not more than one additional academic year on the recommendation of the Faculty Board.

15. Effective Date of Award

15.1 The effective date of the degree shall be the date following the last day of the final evaluation conducted by the Faculty when the student fulfils all the requirements for graduation.

15.2 In case a student has an ongoing inquiry for an examination or disciplinary offenses conducted against him/her by the University, results of the relevant examination/s shall not be released until the inquiry is completed. In such situations, the effective date of the degree shall be determined by the Senate.

16. Annual Students Awards

16.1 Vice Chancellor's and Dean's Awards shall be awarded annually to the students with the best overall performances in the Faculty of Engineering. Full time undergraduate

students who achieve prescribed criteria by the Senate for the evaluation of awards, and have no disciplinary actions against them, are eligible for awards. Only the Vice Chancellor's Award shall be noted on students' academic transcript.

16.2 Best Students Awards shall be awarded annually by the respective departments to the students with best overall performance in particular sub discipline as approved by the Senate with the recommendation of Faculty Board.

17. Revision of Regulations

17.1 Regulations may be revised/amended by the Senate as and when necessary.

17.2 All other common Rules and Regulations applicable to Universities in Sri Lanka and to the University of Ruhuna in particular are also applicable to students registered for this degree programme.

17.3 In case of any ambiguity in this Regulations, the interpretation of the Faculty Board endorsed by the Senate shall be final.

18. Interpretations

18.1 In this Regulations unless the context otherwise requires:
"University" means the "University of Ruhuna, Sri Lanka" as established by the Gazette Notification No. 281/07 dated 24-01-1984
"Council" means "the Council of the University of Ruhuna", constituted by the Universities Act No.16 of 1978 and amendments thereof.
"Senate" means "the Senate of the University of Ruhuna", constituted by the Universities Act No. 16 of 1978 and amendments thereof.
"Faculty of Engineering" or "Faculty" means "the Faculty of Engineering, University of Ruhuna".
"Faculty Board" means "the Faculty Board of the Faculty of Engineering, University of Ruhuna".
"Dean" means "the Dean of the Faculty of Engineering, University of Ruhuna".
"Head of the Department" means "the Head of the Department of Study" where the student is enrolled.

18.2 Any question regarding the interpretation of this Regulations shall be referred to the Senate whose decision thereon shall be final and conclusive.