



2024/25 STUDENT GUIDEBOOK

Faculty of Engineering Technology
The Open University of Sri Lanka



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Important Events and Dates

Applicants should submit applications online by visiting the university website, <https://reginfo.ou.ac.lk/applyonline>. Relevant payments can be made online through Debit or Credit cards or at the Centres.

Bachelor of Science Honours in Engineering, Bachelor of Industrial Studies Honours, Advanced Certificate in Apparel Technology, and Stand-Alone courses

Event	Centres	Dates
Registration of new students	Colombo Regional Centre	16, 17, 18, 21 December 2024
	All other Regional Centres and Study Centres	17,18, 21 December 2024
Re-registration of students	Colombo Regional Centre	19, 21, 22, 23 April 2025
	All other Regional Centres and Study Centres	19, 22, 23 April 2025
Adding and Dropping of courses for all students	All Regional Centres and Study Centres	23, 24 May 2025
Dropping courses for all students	All Regional Centres and Study Centres	23 July 2025
Commencement of the StART@OUSL programme	All Regional Centres and selected Study Centres	11 January 2025
Commencement of academic activities		26 April 2025
Last date for submitting non-approved qualifications for evaluation		10 December 2024
	Submit the application online to the Faculty email (engreg@ousl.lk) or hand it with relevant documents to the office of the Faculty of Engineering Technology. (The application forms are available on the Faculty of Engineering website)	

Note: Details of OUSL Regional and Study Centres are in **Annex 4**.

IMPORTANT NOTICE

The Faculty of Engineering Technology plans to implement revised curricula for its study programmes, also transitioning from the current academic year system to a semester-based system from the next academic year, 2025/26

A1. About the Open University

A1

The Open University of Sri Lanka (OUSL), established in 1980 under the Universities Act No. 16 of 1978, is the premier national institution dedicated to providing higher education through flexible, distance learning methodologies. As the only recognised university in Sri Lanka that fully embraces the Open and Distance Learning (ODL) philosophy, the OUSL caters to a diverse range of learners by offering opportunities for education beyond the traditional classroom. This innovative approach ensures that individuals, regardless of geographic location, professional commitments, or personal circumstances, have access to a wide range of undergraduate and postgraduate programmes.

The OUSL's learner-centric model, combining remote learning resources with necessary face-to-face support, fosters both academic excellence and lifelong learning.

With the OUSL Ordinance No. 1 of 1990, as amended, the OUSL holds the same legal and academic standing as other national universities in the country. According to Public Administration Circular No. 16/92, dated 13/03/1992, issued by the Ministry of Public Administration, Provincial Councils, and Home Affairs, the degrees conferred by OUSL are considered equivalent to those awarded by other national universities under the University Grants Commission (UGC) of Sri Lanka.

A2. What We Offer

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The Faculty of Engineering Technology offers a range of highly regarded study programmes, all designed in accordance with the Sri Lanka Qualifications Framework. Both undergraduate and postgraduate programmes are accredited by the University Grants Commission.

The courses of the study programmes are offered by six academic departments:

- Agricultural and Plantation Engineering
- Civil Engineering
- Electrical and Computer Engineering
- Mathematics and Philosophy of Engineering
- Mechanical Engineering
- Textile and Apparel Technology

The study programmes include:

- Advanced Certificate in Apparel Technology
- Bachelor of Science Honours in Engineering (with the intermediate award of Higher Diploma in Technology)
- Bachelor of Industrial Studies Honours (with the intermediate award of Higher Diploma in Industrial Studies)
- Bachelor of Software Engineering Honours (with the intermediate award of Higher Diploma in Software Engineering)
- Postgraduate degree programmes

Note: Courses from all programmes may be offered as stand-alone.

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A3. Teaching and Learning at OUSL

The Open University of Sri Lanka employs an Open Distance Learning (ODL) system, which emphasises flexible, independent study. Students are primarily responsible for their learning, using various resources provided by the university. While self-learning is a key component, students receive support and guidance from teachers throughout their academic journey.

In addition to the self-study aspect, students are encouraged to participate in interactive learning activities, practical sessions, and assessments conducted either at the main campus in Nawala or at one of the many Regional Centres across the country. This approach allows students from different regions and backgrounds to access higher education at their convenience, while still benefiting from the structure and support of a formal academic environment.

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A4. General Information about Study Programmes and Courses

Study Programmes and Courses

A study programme is an organised collection of courses designed to provide students with the knowledge and skills required for a particular qualification.

Courses within a programme are typically classified into two categories: compulsory (core) courses and elective courses. Compulsory courses are mandatory for all students, ensuring they gain essential knowledge in key areas, while elective courses offer flexibility, allowing students to explore subjects of interest or specialise in a particular field.

What are “Credits”?

The amount of learning is measured in terms of "Credits." Credits represent the workload and time commitment associated with a course. For theory-based courses, one credit typically corresponds to 50 hours of learning, which includes lectures, reading, assignments, and self-study. In contrast, project-based or training courses require a more hands-on approach, with one credit equivalent to approximately 100 hours of work, including project proposal development, research, and practical applications.

What is the level of a course?

The learning content of courses varies in complexity, requiring different levels of intellectual engagement and understanding. As a result, each course is assigned a level based on its relative difficulty, as defined by the Sri Lanka Qualifications Framework (SLQF).

These levels range from 3, which is the lowest for university education, typically representing first-year courses, to level 12, which is the highest and corresponds to advanced research leading to a PhD. This system ensures that the academic rigor of courses is aligned with the qualifications they contribute to, reflecting the progression from basic to advanced knowledge and skills.

Categorisation of courses within the faculty

All courses offered by the Faculty are classified into specific categories, each represented by a letter, as outlined here. This classification system ensures that students can clearly understand how their courses contribute to fulfilling the requirements of their chosen programme. Each study programme specifies both a minimum and a maximum number of credits that students must earn from each course category to meet graduation requirements.

Letters for course categories

Engineering	X
Engineering Projects	Y
Mathematics	Z
Industrial	I
Computer Literacy	K
English	E
Management	M
Industrial Training	W

Departmental Codes

Courses are offered by various departments of study, with each course assigned a departmental code for easy recognition by students. The first two letters of the course code indicate the relevant department. The letters allocated to the different departments within the faculty are given here.

Letters for course categories

Department/Faculty	Code
Agricultural and Plantation Engineering	AG
Civil Engineering	CV
Electrical and Computer Engineering	EE
Mathematics and Philosophy of Engineering	MH
Mechanical Engineering	DM
Textile and Apparel Technology	TA
Faculty of Engineering Technology	FD

How are the Credit Value and the Level of a Course found?

Each course is assigned a unique code that provides key information about the course. This code reflects the credit value, the academic level, and the category of the course. Additionally, the code identifies the Department responsible for administering the course, helping students and staff easily locate and understand the course's placement within the broader curriculum.

Example: DMX3401

First 2 characters (DM): Department code
(In this case, it is Mechanical Engineering)

Third character (X): Course category
(In this case, it is Engineering Category)

Fourth character (3): Level of the course
(In this case, it is level 3)

Fifth character (4): Credit value
(In this case, it is 4 requiring 200 hours of learning)

Credit Values 1 to 9 are represented by corresponding digits, and from 10 onwards are indicated by letters; A, B, C, Z.

The last 2 characters (01): Serial Number

Unlike traditional universities, where students are typically required to follow a rigid, year-by-year course structure, the Open University of Sri Lanka (OUSL) offers greater flexibility in course registration. Upon meeting the entry requirements for a particular programme, students have the option to register for courses at any level/year, provided they fulfil the necessary prerequisites.

Prerequisites are usually defined by one or more of the following criteria:

- **Completion of Lower-Level Courses:** Students may need to have successfully passed relevant courses from a lower level in the programme.
- **Passing Continuous Assessments:** In some cases, students may be required to demonstrate satisfactory performance in continuous assessments for specified courses.
- **Credit Requirements:** Students might need to accumulate a certain number of credits through passed courses or continuous assessments before they can register for higher-level courses.
- **Concurrent Registration:** Some courses may need to be taken together, as understanding the concepts of one course requires knowledge of the other, or because they are mutually complementary.

This flexible approach allows students to progress through their academic journey at their own pace, facilitating individualised learning paths and enabling the pursuit of courses in a sequence that aligns with personal preferences and professional goals, provided they meet the necessary prerequisites.

What is the validity period of course registration?

Currently, all programmes offered by the Faculty operate on an academic year basis. Once you register for your courses, the registration remains valid for that academic year.

Is there a minimum or maximum number of courses that I can register in an academic year?

While there are no specific limits on the minimum or maximum number of courses you can register for, restrictions are based on the number of credits.

In an academic year, you may register for up to a maximum of 38 credits. However, during the first enrolment in the programme, you are required to register for a minimum of 8 credits.

If you do not register for courses in a given academic year, you must renew your studentship. Failure to maintain studentship for a consecutive period of five years will result in discontinuation from the programme. To reactivate your registration, you need to submit an appeal. The final decision on reactivation rests with the University.

Can I change my course selection?

Yes, you are permitted to modify your course selection after reviewing the study material, during the designated Add/Drop Period, without incurring any academic penalties. Following the end of the Add/Drop Period, you have an additional one-month window to withdraw from courses you find unmanageable. In such cases, the relevant tuition fees already paid will be forfeited.

A6. Recognition of Prior Learning

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The OUSL acknowledges and values student's prior learning by granting course exemptions based on earned qualifications. The faculty has conducted thorough evaluations of various recognised qualifications, identifying specific courses that can be exempted from relevant programmes offered by the faculty.

A comprehensive list of these evaluated qualifications and corresponding course exemptions is provided under the details of each programme. This ensures that students can easily determine how their previous academic and professional experiences may contribute to their current educational journey, allowing for a more personalised and efficient pathway toward completing their degree.

For GPA calculation, an exempted course is assigned the Grade Point Value of a C grade. Refer to Section A9 for details about GPA.

Is there a maximum limit for course exemptions?

Yes, regardless of the number of credits granted for course exemptions, you must still register for courses and earn a minimum of 50% of the total credit requirements to qualify for the award of the qualification. In addition, you must meet the minimum level-wise and category-wise requirements specified for each programme.

If a qualification has not yet been evaluated; how can I get it evaluated?

You are required to apply by the deadline set by the Faculty each academic year, before the annual course registration. Along with the application, all necessary supporting documents must be provided. The application form can be downloaded from the Faculty website.

A7. Industrial Training

A7

By integrating industrial training into the curriculum, the Faculty aims to bridge the gap between academic knowledge and practical application, equipping students with the skills and experience required to succeed in their chosen fields.

Students of the Bachelor of Science Honours in Engineering and the Bachelor of Industrial Studies are required to complete industrial training equivalent to 8 credits. The training period must span a minimum of 26 weeks to ensure comprehensive exposure to real-world industrial environments.

The placement of students for industrial training is managed by a Training Engineer, who works closely with industry partners to secure relevant placements. This ensures that students gain hands-on experience aligned with their academic and professional objectives. Furthermore, all training is overseen and regulated by the National Apprenticeship and Industrial Training Authority (NAITA) to ensure that the placements and training meet national standards.

Refer to **Annex 1** for detailed information on the registration process for training courses, as well as the available options for exemptions for individuals with prior work experience or other relevant qualifications that include training components.

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A8. Student Academic Readiness Training @OUSL

The Open University of Sri Lanka offers a specialised university adaptation programme for new students to help them transition into the Open Distance Learning (ODL) environment, where self-directed learning is essential. Proficiency in English is also a crucial requirement, as most study programmes offered by the Faculty of Engineering Technology—except for certain Certificate and Advanced Certificate programmes—are conducted exclusively in English. Recognising the importance of these competencies, the Faculty has introduced a university adaptation phase called Student Academic Readiness Training at OUSL (StART@OUSL), for all new students before the commencement of main programme courses.

This aims to equip students with the skills and knowledge needed to navigate their studies effectively, ensuring they are well-prepared to engage with course materials and actively participate in their learning experience. During this adaptation phase, students participate in the Empowering for Independent Learning (EfIL) course and an English language course to improve their English proficiency, which are compulsory for the degree, along with various other activities. They are also compulsory for the award of a degree. The students also have the opportunity to engage in selected components of the main programme, gaining firsthand experience of learning at OUSL. Students may be eligible for exemptions from English language courses based on certain qualifications (**Annex 2**).

A9

A9. Assessment and Evaluation

The assessment of courses comprises of two key components: Continuous Assessment (CA) and Final Evaluation (FE). Continuous Assessment is not solely a method of evaluation but serves as a crucial tool for enhancing and facilitating the learning process throughout the course. This ongoing assessment ensures that students engage with the material consistently and deeply, allowing for more interactive and practical learning experiences.

In addition, mini projects and design projects are crucial in promoting problem-solving skills and creative thinking, as students work on real-world problems or designs related to their field of study. Continuous Assessment Tests (CATs) serve as periodic evaluations that provide both students and teachers with feedback on progress and areas for improvement.

Together, these components not only measure student performance but also play an integral role in deepening students' engagement with the material, fostering critical thinking, and preparing them for the final examination.

CA Components

Various activities are integrated into Continuous Assessment to provide a comprehensive understanding of the subject matter. These activities include laboratory work, where students can apply theoretical knowledge in practical settings, and field classes, which offer real-world experiences to reinforce learning. Tutor-marked assignments (TMAs) encourage regular reflection and self-assessment, while presentations help students develop communication skills and articulate their understanding of course content.

Overall Continuous Assessment Mark

The Overall Continuous Assessment Mark (OCAM) represents the cumulative score of all the Continuous Assessment (CA) components in each course. The weight assigned to each component when calculating the OCAM may vary between courses.

Students can obtain detailed information on how the OCAM is calculated for each course by consulting the course detail sheets. Additionally, they can download the activity schedule from the Faculty website, which not only outlines the assessment components but also provides important details such as the dates, times, and locations of these activities, along with the contact information for the course coordinators.

Overall Assessment Mark

The overall assessment mark for the course is a combination of the OCAM and the final evaluation marks. For courses conducted by the faculty, equal weight is given to both components.

Course Grades and GPA

Based on the overall assessment mark (Z) for each course, grades, and grade point values are assigned. These grade point values are then used to calculate the Grade Point Average (GPA), which reflects a student's overall academic performance.

Z mark	Grade	Grade Point Value
$Z \geq 85$	A+	4.00
$75 \leq Z < 85$	A	4.00
$70 \leq Z < 75$	A-	3.70
$63 \leq Z < 70$	B+	3.30
$55 \leq Z < 63$	B	3.00
$50 \leq Z < 55$	B-	2.70
$45 \leq Z < 50$	C+	2.30
$40 \leq Z < 45$	C	2.00
$35 \leq Z < 40$	C-	1.70
$30 \leq Z < 35$	D+	1.30
$20 \leq Z < 30$	D	1.00
$Z < 20$	E	0.00

Is Continuous Assessment compulsory?

To be eligible for the final evaluation, you must achieve a minimum Overall Continuous Assessment Mark (OCAM), making it crucial to complete all components of Continuous Assessment (CA). These activities, such as lab work, assignments, and projects, are not only evaluative but also integral to the learning process. Failure to meet the OCAM requirement may prevent students from taking the final evaluation, highlighting the importance of consistent engagement throughout the course.

Can I postpone taking the final evaluation, and what will happen to their OCAM (Overall Continuous Assessment Mark) in such cases?

You may choose to defer the final evaluation to the next available opportunity, with your OCAM carried forward. Please note that the OCAM remains valid for only two consecutive academic years. Therefore, you must take the final evaluation before your OCAM becomes invalid.

What happens if I fail the final evaluation?

If you fail the final evaluation, you may re-sit it at the next available opportunity. Upon passing this second attempt, you will receive only a C grade, regardless of the actual score achieved.

If you fail again, you must re-register and repeat the course from the beginning, and in this case, will also receive only a C grade, regardless of your performance in the course.

Unlike other national universities in Sri Lanka, OUSL charges fees from its students, reflecting its focus on accommodating employed individuals who meet the minimum entry requirements. However, the government and the university do not aim to recover the full cost of education; most funding for study programmes comes from the government. Currently, income from student fees covers only a small portion of the university's total expenses, with the government providing significant support through grants from the University Grants Commission. Fees payable by students include registration, facilities, exemption (if applicable), library access, and tuition fees.

Students must pay the following fees annually (except for the instrument usage fee and Library facility fee), in addition to the course tuition fees.

Type of Fee	Up to bachelor's degree (Rs.)	Postgraduate (Rs.)
Registration	500	1,500
Facilities	2,500	2,500
Library facility	100	200
Instrument usage (one time only)	12,500 (Except for Certificate Programme)	-

The course tuition fees for the academic year 2024/2025 are in the table below. These fees are subject to change in forthcoming academic years.

SLQF Level of the course	Tuition fee per Credit (Rs.)
2	1,400
3 and 4	2,080
5, 6 and 7	3,220

Course exemption: Rs. 300 per credit
Fee for each EGAP: Rs. 5,500

Payment by Instalments

Payments can be made in two instalments each year. The first instalment for new students is based on an estimate of 30 credits at levels 3 and 4 for the tuition fee. This instalment covers 60% of the tuition fee and additional fees such as the annual registration fee, facilities fee, library facility fee, and, if applicable, the instrument usage fee. With the first instalment payment, the student can obtain the first dispatch of course materials. The actual tuition fee for the year is adjusted in the second instalment, reflecting the exact number of credits enrolled in.

The second instalment voucher, the amount of which will be based on the course credits registered by the student, will be sent later. To collect the second dispatch of course materials, you must present the payment receipt for this second instalment.

All new students who submit online applications will receive a voucher which includes the first instalment. At registration, you must bring the university copy of the payment receipt for the voucher, confirming that the payment has been completed.

Bursaries

The University offers a limited number of bursaries, including University Bursaries, Dean's List awards, and Mahapola Scholarships, to support students in need of financial assistance. For more details, please refer to **Annex 3**.

A11. Learner Support

A11

The faculty has implemented various mechanisms to support students in addressing both common challenges related to the open distance learning environment and subject-specific content, ensuring continuous guidance as outlined below.

Learner Support Unit

Through the Learner Support Unit (LSU) of the University and the Faculty Learner Support Cell (LSC), we provide the guidance and support you need to thrive in the Open and Distance Learning (ODL) environment.

At the faculty level, the LSC is dedicated to addressing your unique needs. It offers personalised assistance, fosters open communication between you and the academic staff, and actively enhances its services through ongoing research and awareness initiatives. Whether you seek advice, guidance, or prompt solutions, the LSC is your primary resource for support.

You can reach out to the LSC through:

- Email: lscfet@ou.ac.lk
- The Learner Support Hub on the OUSL Learning Management System (OULMS)

Make the most of these support services to confidently navigate the ODL mode, develop essential skills, and boost your academic performance. We're here to ensure that your learning experience is as smooth and enriching as possible.

Student Academic Counsellors

In addition to the Learner Support Cell, you can communicate with student academic counsellors appointed for each department of study. You can discuss common issues affecting all or groups of students with them.

Course Academic Coordinators

Each course is assigned to an Academic or Course Coordinator, who is available to discuss all matters primarily related to the course content. You can access the contact details of the academic staff responsible for your courses through the LMS, course detail sheets, or activity schedule.

A12. Learning Management System and MIS

A12

The OUSL employs Single Sign-On (SSO) to give you seamless access to their university-assigned email accounts, Learning Management System (OULMS), and the student portal (MyOUSL) within the University's Management Information System.

OUSL email

After completing onsite registration, an email account is created for you with the following credentials. Your email address will follow the format "Your SID"@ousl.lk. The SID is the Student Identification Number printed in your Student Record Book For example, S12345678@ousl.lk.

The email account should be accessed through Gmail.

Username: Student Identification Number (SID) given in your record book

Example: S12345678

Password: U [Your NIC] (use capital V for old NICs)

Example: U899912345V or
U123456789123

Learning Management System (OULMS)

OULMS is crucial for Open Distance Learning (ODL) at OUSL because it serves as the central platform that facilitates teaching and learning in a virtual environment. OULMS enables students to access course materials, submit assignments, engage in discussions, and interact with teachers and peers from anywhere and at any time.

How to access the OULMS

Once you have registered for courses, you will gain access to them in the OULMS. Your login details are as follows:

Web Address: <https://oulms.ou.ac.lk/login>

Username: 's' number (SID) given in the student record book

Password: U [National Identity card number]
(with Capital V for old NICs)

If you don't see the courses you have registered for, please contact the relevant Head of the Department.

Management Information System

The **Management Information System (MIS)** offers numerous benefits to students by providing easy access to essential information like course schedules, notifications, examination results, and fee payments in one centralized platform. The MIS also allows students to track their academic progress.

How to access the Student Portal MyOUSL

You can log in to the 'MyOUSL' Portal through the 'MyOUSL' tab on the OUSL website (myousl.ou.ac.lk).

The Username is your student number (starting with 's') as provided in your student record book. The default password is your National Identity Card number.

A13

A13. Special Awards for the Best Performing Students

Students who demonstrate exceptional performance in Honours Degree programmes are recognised with prestigious Gold Medals awarded by the Faculty. These medals include:

- **Kulshreshtha Gold Medal:** Top-performing student in the Bachelor of Science Honours in Engineering programme.
- **Thurairajah Gold Medal:** The best final-year project in the Bachelor of Science Honours in Engineering programme.
- **H Sriyananda Gold Medal and Cash Prize:** The Best Society-Oriented Electrical Engineering Research Project
- **ERU Gold Medal:** The best published research paper, based on a final-year research project in the Bachelor of Science Honours in Engineering programme.
- **S.M. Abeygunesekera de Silva Gold Medal:** The outstanding Mechatronics Engineering student in the Bachelor of Science Honours in Engineering programme.
- **Liyanaguruge Assie Annette de Silva Gold Medal:** The best-performing Agriculture student in the Bachelor of Industrial Studies Honours programme.
- **Gold Medal for the Best Civil Engineering Final Year Project:** The student with the top final-year project in Civil Engineering within the Bachelor of Science Honours in Engineering programme.
- **Gold Medal for the Best Civil Engineering Student:** The most outstanding student in Civil Engineering in the Bachelor of Science Honours in Engineering programme.

For more information visit the Faculty website.

A14. Temporary Residential Facilities

A14

The Open University of Sri Lanka offers temporary residential facilities (TRF) for students at its Regional Centres in Colombo, Kandy, and Matara. These centres provide spacious TRF accommodation for over 200 students at a reasonable daily rate. Students engaged in ongoing academic activities or those traveling from remote areas can apply for TRF accommodation, subject to approval by the relevant academic coordinator.

Obtaining Temporary Residential facilities:

To reside in the TRF, you must obtain a "TRF Card" issued by the Student Welfare Division. Your permanent residence should be at least 50 km from the relevant centre, and you must be a registered student for the current academic year.

Students can visit the relevant Regional Centre offices during office hours to obtain a TRF Card. Outside of office hours and on holidays, students can go directly to the TRF premises. It is essential for students to always carry a valid student record book.

A15. Regional and Study Centres

A15

The Open University of Sri Lanka (OUSL) operates a comprehensive network of nine Regional Centres and nineteen Study Centres across the country, all managed by the Regional Education Services (RES) Division. The RES Division is responsible for planning, implementing, and overseeing the delivery of regional education services.

This network ensures that students can access study programmes from any part of the island, making OUSL an ideal institution for individuals living and working in even the most remote areas of Sri Lanka.

The **Regional Centres** of OUSL serve as the primary hubs for student support, offering a wide array of services and facilities across various parts of the country. These Centres provide essential administrative services, including registration, exam coordination, and counselling, along with academic resources like libraries, computer labs, and study areas.

Regional Centres also organise tutorials, workshops, seminars, and examinations, creating a comprehensive support environment to meet diverse student needs.

In contrast, the **Study Centres** are smaller facilities, primarily located in more remote regions, providing basic support services to students. They offer limited resources, such as study spaces and small libraries, and assist students with assignments and coursework. While Study Centres can address immediate or routine needs, they often refer students to the nearest Regional Centre for more complex administrative and academic support. Together, these centres extend OUSL's reach and accessibility, ensuring students receive the necessary support regardless of location.

See Annex 4 for the locations and contact information of Regional/Study Centres.

The Bachelor of Science Honours in Engineering Programme [BScHons(Eng)] aims to provide qualified candidates with access to a comprehensive educational system, offering up-to-date academic content within a well-structured curriculum. It features flexible course selection, allowing students to focus on emerging industry-relevant fields while gaining essential knowledge and skills across diverse engineering disciplines. Designed to accommodate open distance learning, the programme also addresses social and environmental considerations, preparing students for both postgraduate studies and research as future career opportunities.

The BScHons(Eng) degree is meticulously designed in accordance with the Sri Lanka Qualifications Framework (SLQF), specifying the minimum and maximum limits for each course category to ensure a well-balanced programme. It meets the academic standards required by the Institution of Engineers, Sri Lanka (IESL).

A student can also obtain a Higher Diploma in an approved technology discipline upon successful completion of the required courses and credit requirements. This qualification serves as a key pathway for entry into middle-level technical roles within engineering disciplines.

The medium of instruction of the programme is English.

Duration

BScHons(Eng) programme, beginning at level 3, has a minimum duration of four academic years. The maximum period allowed for a student to complete the programme is three times the minimum duration.

Areas of Specialisation

- Agricultural Engineering
- Civil Engineering
- Computer Engineering
- Electrical Engineering
- Electronic and Communication Engineering
- Mechanical Engineering
- Mechatronics Engineering
- Textile and Clothing Engineering

Eligibility for Admission

To be eligible for admission to the Bachelor of Science Honours in Engineering programme, applicants must meet at least one of the following criteria:

- Passes in all subjects in the Physical Science stream (Combined Mathematics, Physics, and Chemistry) at a single sitting of the General Certificate of Education (Advanced Level) Examination, or
- Advanced Certificate in Science with courses in Mathematics, Physics, and Chemistry, offered by the Open University of Sri Lanka, or
- A minimum of three credit (C) passes in Mathematics, Physics, and Chemistry at the Cambridge/Edexcel Advanced Level Examination obtained within three years, or
- Possession of an equivalent or higher qualification acceptable to the Senate of the University.

Note: To qualify for IESL membership, it is mandatory to have obtained at least two credit passes and one simple pass in a single sitting of the GCE (A/L) examination in the Physical Science stream.

Requirements for the award of the Degree

To qualify for the award of the BScHons(Eng) degree, a student must fulfil the following requirements within a maximum of 12 academic years.

- (1) Successful completion of all compulsory courses for the selected engineering specialisation, and
- (2) Fulfil the level-wise and the category-wise course credits as given in Table 1.

Requirements for the award of the Higher Diploma in Technology

To qualify for the award of a Higher Diploma, a student must meet the following requirements.

- (1) Successful completion of all compulsory courses at levels 3 and 4 for the selected engineering specialisation, and
- (2) Fulfil the level-wise and the category-wise course credits as given in Table 1.

Table 1: Requirements for the Award of Bachelor of Science Honours in Engineering Degree and Higher Diploma in Technology

Course Category	Degree		Higher Diploma	
	Minimum credits	Maximum credits	Minimum credits	Maximum credits
Engineering (X)	90	95	45	50
	Subject to a minimum of 40 at Level 5 or above, of which at least 20 at Level 6 or above		Subject to a minimum of 20 at Level 4 or above	
Engineering projects (Y)	9	14	1 at Level 4	4 at Level 4
	Subject to a minimum of 8 at Level 6 or above			
Mathematics (Z)	20	25	10	15
	Subject to a minimum of 5 at Level 5 or above			
General (J)	5	10	0	5
Management (M)	15	20	5 at Level 3 or 4	7 at Level 3 or 4
	Subject to a minimum of 10 at Level 5 or above			
Industrial Training (W)	8	8	8	8
Total	152 Subject to a minimum of 75 at Level 5 or above, of which at least 30 at Level 6 or above		74 Subject to a minimum of 30 at Level 4	

Grade Point Average (GPA)

The GPA is calculated by considering courses from Levels 4, 5, 6, and 7, totalling 90 credits. The following sequence is used for selecting courses to fulfil the 90-credit requirement:

1. Compulsory courses at Levels 5, 6, and 7.
2. Non-compulsory courses at Levels 5, 6, and 7 with the highest GPVs.
3. Compulsory courses at Level 4 with the highest GPVs.

If exactly ninety (90) credits cannot be obtained, courses will be selected to the nearest value below ninety (90) credits, with the remaining credits taken as a part credit of the next course. Industrial training courses are not included in the GPA calculation.

Limits for course exemptions

Regardless of any exemptions granted for prior qualifications, a student must successfully complete, in accordance with the Scheme of Assessment, a minimum number of credits as specified below for each award.

For Degree:

- Level 6 or above (All Categories): 15
- Levels 6 or above (X and Y Categories): 14
- Levels 5 or above (All Categories): 38
- Total (All Categories and all levels from 3 to 7): 76

For Higher Diploma in Technology:

- Levels 3 and 4 (All Categories): 30
- Level 4 and above (X and Y Categories): 11
- Total (All Categories and all levels from 3 to 7): 37

The Grade Point Average (GPA) is computed as follows:

$$GPA = \frac{(\sum \text{Credit Value} \times GPV) + \text{Part Credit} \times GPV}{90}$$

Curricula for different specialisations

The following pages present the recommended curriculum, with courses listed according to the suggested year of offering for the degree. However, students can enrol in courses across the entire curriculum, provided they meet the prerequisite requirements. This allows students to tailor their academic journey based on their commitments, schedules, and constraints. Nevertheless, students are limited to 38 credits per academic year.

The specialisations presented are:

- Agricultural Engineering
- Civil Engineering
- Computer Engineering
- Electrical Engineering
- Electronic and Communication Engineering
- Mechanical Engineering
- Mechatronics Engineering
- Textile and Clothing Engineering

Please note that for the award of the Higher Diploma, **only the courses in Year 1 and Year 2**, except those marked with '+', are compulsory.

Abbreviations used for prerequisite: (CR) – Concurrent Registration, (CA) – Pass in Continuous Assessments, (P) – Obtained at least a C grade for the course

(1) Curriculum for Agricultural Engineering Specialisation

Year 1

Course Code and Course Title	Prerequisites
Compulsory Courses	
MHZ3551 Engineering Mathematics I	None
MHZ3552 Engineering Mathematics II	None
AGX3201 Basic Biology	None
CVX3340 Introduction to Hydraulics and Hydrology	DMX3401(CR), MHZ3551 (CR)
EEX3410 Introduction to Electrical Engineering	MHZ3552 (CR)
EEX3417 Software Development for Engineers	AGM3203 (CR)
EEX3351 Electronics	EEX3410(CR)
DMX3302 Engineering Mechanics	MHZ3551 (CR), MHZ3552(CR)
DMX3401 Fluid Mechanics and Thermodynamics	None
DMX3305 Introduction to Engineering Design Graphics	None
AGM3203 Communication Skills	None

Year 2

Course Code and Course Title	Prerequisites
Compulsory Courses	
MHZ4553+ Engineering Mathematics III	MHZ3551(CA), MHZ3552 (CA)
DMX3107 Workshop Practice	None
AGX4404 Crop Technology	None
AGX4405 Postharvest Engineering and Technology I	None
AGX4356 Soil Science	None
CVX4342 Surveying I	DMX3305(CA), MHZ3551(CA), MHZ3552(CA)
DMX4205 Strength of Materials I	DMX3302(CA)
AGX4302 Design of Agricultural Machine Elements	None
AGX4376 Crop processing Technology	AGX4404(CR) or AGI3552(P), AGX4405(CR) or AGI4561(CA)

Course Code and Course Title		Prerequisites
AGX5206	Food Science	None
AGY4180	Group Project (Agric. Eng)	Pass in 15 credits
AGM4307	Economics and Marketing for Engineers	Pass in 18 credits in level 3
AGW4402	Industrial Training (Agric. Engineering)	Pass in 36 credits in Level 3

+Not compulsory for the Higher Diploma

Year 3

Course Code and Course Title		Prerequisites
Compulsory Courses		
MHZ5554	Engineering Mathematics IV	MHZ3551(P), MHZ3552(P), MHZ4553(CA)
AGX5308	Soil Management Tillage and Traction	AGX4356 (CR)
AGX5314	Engineering Design (Agricultural Engineering)	AGX4302 (CA), DMX4205 (CA)
AGX5510	Design and Management of Irrigation and Drainage	AGX4356(CA)
AGX5511	Farm Power and Mechanization	DMX4205(CA)
CVM5401	Accounting for Engineers	AGM4307 (CA), 30 credits (P)
AGW5402*	Industrial Training II	AGW4402(CR), Pass in 15 credits at level 4 and above

Elective Courses: Select Courses for 9 credits including 2 credits from the J category.

AGX5212	Postharvest Engineering and Technology II	AGX4405 (CA), AGX5206 (CR)
AGX5277	Food safety and quality Management systems	Pass in 30 Credits
AGX5415	Horticultural Landscaping and Technology	AGX4404 (CA)
AGX5565	Soil Plant Water Relationship	AGX4356(CA)
AGX5309	Sustainable Agricultural Technology	AGX3201 (P), AGX4356 (CR)
MHJ 4241	History of Technology	20 Credits (P)
LLJ3245	Introduction to Laws in Sri Lanka	None

*Also compulsory for the Higher Diploma

Year 4

Course Code and Course Title		Prerequisites
Compulsory Courses		
AGX6180	Research Methodology and Project Identification (Agricultural Engineering)	30 credits (P) at level 4 or above
AGX6387	Plantation Crop Technology	AGX3201 (P), AGX4356(CR)
AGX7417	Agricultural Hydrology	AGX4356 (P), AGX5510 (CA)
AGX7216	Structural Design for Commercial Farming	None
AGX7283	Groundwater Resources Management	AGX4356 (P)
AGX7418	Food Engineering	AGX4405(P)
AGY7880	Engineering Research project (Agricultural Engineering)	Pass in 80 credits including 50 credits (P) in X category, AGX6180 (CR)
DMM6601	Management for Engineers	45 credits (P) in X category at level 3 & 4, 15 credits (CA) in X category at level 5
Elective Courses: Select Courses for 8 credits including 3 Credits from the J Category		
AGX6490	Soil and Water Conservation	AGX4356 (P)
AGX6377*	Precision Agriculture	50 Credits (P)
AGX6284	Impact of Climate Change on Water Resources	AGX5565(CR), AGX 4356 [CR]
DMX6302	Energy, Environment and Sustainability	45 credits in X category courses (P) at L3 &L4, 15 credits (CA) in X category at L5
CVX7350	Remote Sensing and GIS	None
MHJ5342	Technology Science and Environment	45 Credits (P)
MHJ5343	Nature of science	45 Credits (P)

*Not available in 2024/25

(2) Curriculum for Civil Engineering Specialisation

Year 1

Course Code and Course Title	Prerequisites
Compulsory Courses	
MHZ3551 Engineering Mathematics I	None
MHZ3552 Engineering Mathematics II	None
EEX3417 Software Development for Engineers	AGM3203(CR)
DMX3401 Fluid Mechanics and Thermodynamics	None
EEX3410 Introduction to Electrical Engineering	MHZ3552(CR)
DMX3305 Introduction to Engineering Design Graphics	None
CVX3340 Introduction to Hydraulics and Hydrology	DMX3401(CR), MHZ3551(CR)
CVX3441 Structural Analysis and Design I	DMX3305(CR), CVX3442 (CR)
CVX3442 Strength of Materials	MHZ3551(CR), MHZ3552(CR)
AGM3203 Communication Skills	None

Year 2

Course Code and Course Title	Prerequisites
Compulsory Courses	
MHZ4553+ Engineering Mathematics III	MHZ3551(CA), MHZ3552(CA)
CVX4240 Hydraulic Engineering i	CVX3340(CA), DMX3401(CA), MHZ3551(CA)
CVX5241+ Hydraulic Engineering II	CVX4240(CR), CVX4241(CR)
CVX4241 Engineering Hydrology	CVX3340(CA), MHZ3551(CA), MHZ3552(CA)
CVX4342 Surveying I	DMX3305(CA), MHZ3551(CA), MHZ3552(CA)
CVX4343 Soil Mechanics	CVX3340(CA), CVX3442(CA)
CVX4344 Engineering Geology	CVX4343(CR), CVX4241(CR)
CVX4545 Structural Analysis and Design ii	CVX3441(CA), CVX3442(CA)
CVX4446 Construction Engineering & Materials	CVX3442(CA), MHZ3552(CA), AGM3203(CA), DMX3107(CR)

Course Code and Course Title	Prerequisites
DMX3107 Workshop Practice	None
AGM4307 Economics and Marketing for Engineers	18 credits (P) at Level 3
Elective Courses (J Category): Select Courses for 2 credits	
LLJ3245+ Introduction to Laws of Sri Lanka	None
MHJ4241+ History of Technology	Pass in 20 credits
Elective Courses: Select Courses for 3 Credits	
CVX4347 Irrigation Engineering	CVX3340(CA)
CVX4348 Water and Wastewater Engineering	CVX3340 (CA)
CVX4349 Building Engineering	DMX3305(CA), EEX3410 (CA), CVX4446 (CR)
CVX4350 Quantity Surveying	CVX4342(CR), CVX4446(CR)

+Not compulsory for the Higher Diploma

Year 3

Course Code and Course Title	Prerequisites
Compulsory Courses	
MHZ5554 Engineering Mathematics IV	MHZ3551(P), MHZ3552(P), MHZ4553(CA)
CVX5242 Mechanics of Fluids	CVX4240(CA), CVX4241(CA)
CVX5443 Structural Analysis	CVX4545(CA), MHZ4553(CA), CVX3441(P), CVX3442(P)
CVX5440 Surveying II	CVX4342(P), CVX4241(P), CVX4344(P), MHZ4553(P) & pass an additional 30 credits in X Category, subject to a minimum of 16 at Level 4 or above.
CVX6444 Geotechnics	CVX4343 (P)
CVX6345 Environmental Engineering	CVX3340(P), CVX4240(P), CVX4241(P)
CVX6180 Research Methodology and Project Identification (Civil)	Pass in 60 credits including 40 credits Pass in X category courses
CVM5401 Accounting for Engineers	AGM4307 (CA), 30 Credits [P]
CVW6803 Industrial Training (Civil - Undergraduate)	CVX5440(CR), CVX5241(CA). CVX5242(CR), CVX5443(CR)
Elective Courses (J Category): Select courses for 3 Credits	
MHJ5342 Technology, Society, and Environment	45 credits (P)
MHJ5343 Nature of Science	45 credits (P)

Year 4

Course Code and Course Title		Prerequisites
Compulsory Courses		
CVX6546	Construction Engineering and Management	CVX4446(P), CVX4545(P)
CVX7640	Structural Design	CVX5443(CA), CVX4545 (P)
CVX7241	Geotechnical Design	CVX6444(CA)
CVX7242	Environmental Design	CVX6345(CR)
DMM6601	Management for Engineers	45 credits (P) in X category at level 3 & 4, 15 credits (CA) in X category at level 5
CVY7880	Engineering Research Project (Civil Engineering)	Pass in 100 credits including 70 credits Pass in X category courses, CVX6180(P)
CVY7385	Comprehensive Design Project (Civil Engineering)	Pass in 100 credits including 70 credits Pass in X category courses, CVX7640(CR), CVX7241(CR), CVX7242(CR)
Elective Courses: Select Courses for 6 Credits		
CVX7343	Bridge Engineering	CVX7640(CR)
CVX7344	Computational Mechanics using Finite Element Methods	CVX7640 (CR)
CVX7345	Highway Engineering and Design	CVX4343(P), CVX4446 (P), CVX5440 (CA)
CVX7346	Ground Improvement Techniques	CVX4343(P), CVX6444 (CA)
CVX7347	Applied Engineering Geology and Rock Mechanics	CVX4344(P), CVX6444 (CA)
CVX7348	Coastal Engineering and Coastal Zone Management	CVX5242(CA), MHZ5554 (CA), CVX6345 (CR)
CVX7349	Environmental Modeling and Management	CVX5242(CA), CVX6345(CA), CVX7242(CR)
CVX7350	Remote Sensing and GIS	None

Industrial Training requirement for the award of the Higher Diploma

Course Code and Course Title	Prerequisites
CVW4802	Industrial Training
	MHZ3551(P), MHZ3552(P), EEX3417(P), DMX3401(P), EEX3410(P), DMX3305(P), AGM3203(P), CVX3340(P), CVX3441(P), CVX3442(P), Eligibility in 20 credits at level 4 or above

(3) Curriculum for Computer Engineering Specialisation

Year 1

Course Code and Course Title	Prerequisites
Compulsory Courses	
AGM3203 Communication Skills	None
EEX3331 Electrical Measurements and Instrumentation	None
EEX3336 Communications and Computer Technology	AGM3203(CR), EEX3351(CR), EEX3417(CR)
EEX3351 Electronics I	EEX3410(CR)
EEX3410 Introduction to Electrical Engineering	MHZ3552(CR)
EEX3417 Software Development for Engineers	AGM3203(CR)
DMX3401 Fluid Mechanics and Thermodynamics	None
DMX3305 Introduction to Engineering Design Graphics	None
MHZ3551 Engineering Mathematics I	None
MHZ3552 Engineering Mathematics II	None
Elective Courses: Select one Course	
EEX3266 Information Systems and Data Management	None
EEX3269 Mobile Application Development for Android	None
EEX3262 Introduction to Object-Oriented Programming	EEX3417(CR)

Year 2

Course Code and Course Title	Prerequisites
Compulsory Courses	
AGM4307 Economics and Marketing for Engineers	Pass in 18 credits at Level 3
DMX3107 Workshop Practice	None
EEX4331 Circuit Theory and Design	EEX3410(CA), MHZ3551(CA), MHZ3552(CA)
EEX4332 Electrical Power	EEX3410(CA), MHZ3551(CA)
EEX4435 Data Structures and Algorithms	EEX3417(CA), AGM3203(CA), 8 credits (CA) at level 3
EEX4347 Software Engineering Concepts	EEX3417(CA), AGM3203(CA), 8 credits (CA) at level 3

Course Code and Course Title		Prerequisites
EEX4436	Microprocessors and Interfacing	{[EEX4351(CR), EEX3336(CA)] or DMX3304(CA), EEX3417(CA), 12 credits (CA) at level 3
EEX4351	Electronics II	EEX3410(CA), EEX3351(CA), 8 credits (CA) at level 3
EEY4181	Group Project (Computer Engineering)	Pass in 24 credits at level 3
MHZ4553+	Engineering Mathematics III	MHZ3551(CA), MHZ3552(CA)
MHZ5355+	Discrete Mathematics	MHZ3551(P)
Elective Courses: Select 1 Course		
EEX3372	Programming in Python	EEX3417(CR)
EEX4362	Object Oriented Design and Programming	EEX3262(CA), MHZ3551(CA), 8 credits (CA) at level 3
EEX4366	Data Modelling and Database Systems	EEX3266(CA), 8 credits (CA) at level 3
Elective Courses (J Category): Select one Course+		
LLJ3245	Introduction to Laws of Sri Lanka	None
MHJ4241	History of Technology	20 credits (P)

+Not compulsory for the Higher Diploma

Year 3

Course Code and Course Title		Prerequisites
Compulsory Courses		
CVM5401	Accounting for Engineers	AGM4307(CA), 30 Credits(P)
EEX5270	Information Security	EEX3336(P), EEX3417(P), EEX4435(CA), EEX4436(CA), 24 credits (P) at level 3, 15 credits (CA) at level 4
EEX5434	Data Communications & Networking	EEX3336(P), AGM3203(P), 24 credits (P) at level 3
EEX5335	Operating Systems	EEX4435(CA), EEX4436(CA), 24 credits (P) at level 3, 15 credits (CA) at level 4
EEX5536	Computer Architecture	EEX3417(P), EEX3336(P), EEX4435(CA), EEX4436(CA), 24 credits (P) at level 3, 15 credits (CA) at level 4
EEX5346	Embedded Systems	EEX3417(P), EEX3336(P), EEX4436(CA), 24 credits (P) at level 3, 15 credits (CA) at level 4
EEX5351	Digital Electronic Systems	EEX3417(P), EEX3336(P), EEX4436(CA), 24 credits (P) at level 3, 15 credits (CA) at level 4
EEX6181	Research Methodology and Project Identification (Computer Engineering)	EEX4435(P), EEX5335(CR), EEX5536(CR), 45 credits (P) at levels 3 and 4, 15 credits (CR) at level 5
MHZ5554	Engineering Mathematics IV	MHZ3551(P), MHZ3552(P), MHZ4553(CA)

Course Code and Course Title	Prerequisites
EEX6801 Industrial Training (Computer Systems)	EEX3417(P), EEX4435(P), EEX4347(P), EEX5335(CR), EEX5536(CR), 45 credits (P) at levels 3 and 4, 15 credits (CR) at level 5

Year 4

Course Code and Course Title	Prerequisites
Compulsory Courses	
MHJ5342 Technology, Society, and Environment	45 credits (P)
EEX5360 Signals and Systems	EEX3351(P), MHZ4553(CR), 24 credits (P) at level 3
EEX6335 Compiler Design	EEX4435(P), EEX5536(CA), MHZ5355(CA), 45 credits (P) at levels 3 and 4, 15 credits (CA) at level 5
EEX6236 Advanced Computer Architecture	EEX4436(P), EEX5335(CA), EEX5536(CA), 45 credits (P) at levels 3 and 4, 15 credits (CA) at level 5
DMM6601 Management for Engineers	45 credits (P) in X category at levels 3 and 4, 15 credits (CA) in X category at level 5
EEM6201 Professional Practice	36 credits (P) at level 3, 24 credits (P) at level 4 or above
EEX7436 Processor Design	EEX4436(P), EEX5351(CA), EEX5536(CA), 45 credits (P) at levels 3 and 4, 15 credits (CA) at level 5
EEX7337 System Design in Groups	EEX4347(P), EEX5351(CA), EEX5346(CA), 45 credits (P) at levels 3 and 4, 15 credits (CA) at level 5
EEX7881 Engineering Research Project (Computer Engineering)	EEX6181(P), EEX7436(CR), EEX6236(CR), 80 credits (P) including 50 credits (P) in X category
Elective Courses: Select Courses for 4 Credits	
EEX5280* Creative Design	24 credits (P) at L3, 15 credits (CA) at L4, EEX3417(P), DMX3305(P)
EEX7241 Neural Network & Fuzzy Logic Applications	EEX3417(P), MHZ4553(P), 45 credits (P) at levels 3 and 4
EEX7244* Data Mining	EEX3266(P), EEX3417(P), EEX4366(CA), 45 credits (P) at levels 3 and 4, 15 credits (CA) at level 5
EEX7340 AI Techniques & Agent Technology	EEX3417(P), MHZ3551(P), 45 credits (P) at levels 3 and 4
EEX7171 Emerging Technologies	AGM3203(P), MHZ5554(CA), 45 credits (P) at levels 3 and 4, 15 credits (CA) at level 5

*Not available in 2024/25

Industrial Training requirement for the award of the Higher Diploma

Course Code and Course Title		Prerequisites
EEW4401	Industrial Training I (Electronics)	36 credits (P) at L3, EEX4351(CR)
EEW4411	Industrial Training II (Computing)	36 credits (P) at L3, EEX4435(CR), EEX4347(CR), EEW4401(CR)

(4) Curriculum for Electrical Engineering Specialisation

Year 1

Course Code and Course Title	Prerequisites
Compulsory Courses	
AGM3203 Communication Skills	None
EEX3331 Electrical Measurements and Instrumentation	None
EEX3336 Communications and Computer Technology	AGM3203(CR), EEX3351(CR), EEX3417(CR)
EEX3351 Electronics I	EEX3410(CR)
EEX3410 Introduction to Electrical Engineering	MHZ3552(CR)
EEX3417 Software Development for Engineers	AGM3203(CR)
DMX3401 Fluid Mechanics and Thermodynamics	None
DMX3305 Introduction to Engineering Design Graphics	None
MHZ3551 Engineering Mathematics I	None
MHZ3552 Engineering Mathematics II	None
Elective Courses: Select Courses for 2 Credits	
EEX3266 Information Systems and Data Management	None
EEX3269 Mobile Application Development for Android	None
EEX3262 Introduction to Object-Oriented Programming	EEX3417(CR)

Year 2

Course Code and Course Title	Prerequisites
Compulsory Courses	
AGM4307 Economics and Marketing for Engineers	Pass in 18 credits at Level 3
DMX3107 Workshop Practice	None
EEX4331 Circuit Theory and Design	EEX3410(CA), MHZ3551(CA), MHZ3552(CA)
EEX4351 Electronics II	EEX3410(CA), EEX3351(CA), 8 credits (CA) at level 3
EEX4434 Electrical Installations	EEX3410(CA)
EEX4436 Microprocessors and Interfacing	{[EEX4351(CR), EEX3336(CA)] or DMX3304(CA), EEX3417(CA), 12 credits (CA) at level 3

Course Code and Course Title	Prerequisites
EEX4448 Electrical Machines	EEX3410(CA), MHZ3551(CA), MHZ3552(CA)
EEX4542 Power Systems I	EEX3410(CA), EEX4331(CR), EEX4448(CR)
EEY4182 Group Project (Electrical Engineering)	24 credits (P) at level 3
MHZ4553+ Engineering Mathematics III	MHZ3551(CA), MHZ3552(CA)
EEW4301 Industrial Training I (Electronics)	36 credits (P) at L3, EEX4351(CR)
EEW4502* Industrial Training II (Electrical power)	30 credits(P), EEX4542(CR), EEX4448(CR), EEW4301(CR)

Elective Courses (J Category): Select Courses for 2 Credits

LLJ3245+ Introduction to Laws of Sri Lanka	None
MHJ4241+ History of Technology	20 credits (P)

+ Not compulsory for Higher Diploma * Only for Higher Diploma

Year 3

Course Code and Course Title	Prerequisites
Compulsory Courses	
CVM5401 Accounting for Engineers	AGM4307(CA), 30 Credits(P)
EEX5338 High Voltage Engineering	24 credits (P) at level 3, EEX4448(CA), EEX4542(CA)
EEX5348 Electrical Machines and Drives	24 credits (P) at level 3, EEX4448(CA), EEX5453(CR)
EEX5351 Digital Electronic Systems	EEX3417(P), EEX3336(P), EEX4436(CA), 24 credits (P) at level 3, 15 credits (CA) at level 4
EEX5352 Power Systems II	24 credits (P) at level 3, EEX4448(CA), EEX4542(CA), MHZ4553(CA)
EEX5453 Power Electronics	24 credits (P) at level 3, EEX4351(CA), EEX4331(CA)
DMX5403 Control Systems Engineering	MHZ3551(P), MHZ3552(P), 8 credits in X category courses (P)
EEX6182 Research Methodology and Project Identification (Electrical Engineering)	45 credits (P)
EEX6354 Electrical Engineering Design Group project	EEX4542(P), EEX4448(P), EEX5453 (CR)
MHZ5554 Engineering Mathematics IV	MHZ3551(P), MHZ3552(P), MHZ4553(CA)
EEW6502 Industrial Training II (Electrical Power - undergraduate)	60 credits (P), EEX4542(CA), EEX4448(CA), EEW4301(CR), EEX5352(CR)

Year 4

Course Code and Course Title	Prerequisites
Compulsory Courses	
DMM6601 Management for Engineers	45 credits (P) in X category at levels 3 and 4, 15 credits (CA) in X category at level 5
EEX6441 Electromagnetism and Wave Propagation	45 Credits(P) at L3 and L4, EEX3410(P), MHZ5554(CR)
EEX7231 Advanced Circuit Design and Analysis	45 Credits (P), EEX4331(P), MHZ4553(CA)
EEX7432 Power Systems Planning, Operations and Control	45 Credits (P) at L3, L4, DMX5403(CA), EEX5352(CA), EEX4542(P)
EEY7882 Engineering Research Project [Electrical]	90 Credits (P) including 60 Credits (P) in X category, EEX6182(P)
Elective Courses: Select Courses for 14 Credits including, at least 6 Credits at L6 or above	
EEX5280* Creative Design	24 credits (P) at L3, 15 credits (CA) at L4, EEX3417(P), DMX3305(P)
EEX5346 Embedded Systems	EEX3417(P), EEX3336(P), EEX4436(CA), 24 credits (P) at level 3, 15 credits (CA) at level 4
EEX5360 Signals and Systems	24 Credits(P) at L3, MHZ4553 (CR), EEX3351(P)
EEX5434 Data Communications & Networking	24 Credits(P) at L3, EEX3336(P), AGM3203(P)
EEX5564 Computer Architecture and Operating Systems	15 Credits (CA) at L4, 24 Credits(P) at L3, EEX3336(P), EEX4436(CA)
EEX6253 Physical and Optoelectronics	15 Credits (CA) at L5, 45 Credits(P) at L3 and L4, EEX4351(CA), EEX3351(P)
DMX6301 Industrial Engineering	45 credits in X category courses (P) at L3 &L4, 15 credits in X category courses (CA) at L5
EEX6450 Analog Electronic Systems and Instrumentation	15 Credits (CA) at L5, 45 Credits(P) at L3 and L4, EEX4351(P), EEX3331(P), EEX4331(CA)
TAX6556 Ergonomics	45 Credits (P) at L3 & L4, 15 credits (CA) at L5
EEX7171 Emerging Technologies	AGM3203(P), MHZ5554(CA), 45 credits (P) at levels 3 and 4, 15 credits (CA) at level 5
EEX7241 Neural Network & Fuzzy Logic Applications	EEX3417(P), MHZ4553(P), 45 credits (P) at levels 3 and 4
DMX7301 Thermal Power Generation	45 credits in X category courses (P) at L3 &L4, 15 credits in X category courses (CA) at L5, DMX3401(P)
DMX7305 Renewable Sources of Energy	DMX3401(P), 45 credits in X category courses (P)

*Not available in 2024/25

Course Code and Course Title	Prerequisites
Elective Courses (J Category): Select one Course	
MHJ5342 Technology, Society, and Environment	45 credits (P)
MHJ5343 Nature of Science	45 credits (P)

(5) Curriculum for Electronic and Communication Engineering Specialisation

Year 1

Course Code and Course Title	Prerequisites
Compulsory Courses	
MHZ3551 Engineering Mathematics I	None
MHZ3552 Engineering Mathematics II	None
DMX3305 Introduction to Engineering Design Graphics	None
DMX3401 Fluid Mechanics and Thermodynamics	None
EEX3262 Introduction to Object-Oriented Programming	EEX3417(CR)
EEX3331 Electrical measurements and instrumentation	None
EEX3336 Communications and Computer Technology	AGM3203(CR), EEX3351(CR), EEX3417(CR)
EEX3351 Electronics I	EEX3410(CR)
EEX3410 Introduction to Electrical Engineering	MHZ3552(CR)
EEX3417 Software Development for Engineers	AGM3203(CR)
AGM3203 Communication Skills	None

Year 2

Course Code and Course Title	Prerequisites
Compulsory Courses	
MHZ4553+ Engineering Mathematics III	MHZ3551(CA), MHZ3552(CA)
DMX3107 Workshop Practice	None
EEX4330 Communications	8 credits (CA) at L3, EEX3336(CA), EEX3351(CA)
EEX4331 Circuit Theory and Design	EEX3410(CA), MHZ3551(CA), MHZ3552(CA)
EEX4332 Electrical power	EEX3410(CA), MHZ3551(CA)
EEX4351 Electronics II	8 credits (CA) at L3, EEX3410(CA), EEX3351(CA)
EEX4436 Microprocessors and Interfacing	12 credits (CA) at L3, EEX3417(CA), [EEX3336(CA), EEX4351(CR)] or DMX3304(CA)
EEX5150+ Electronic Circuit Design	24 Credits(P) at L3, EEX4351 (CR), EEX3351(P)

Course Code and Course Title	Prerequisites
EEX5360+ Signals and Systems	24 Credits(P) at L3, MHZ4553 (CR), EEX3351(P)
EEX5434+ Data Communications & Networking	24 Credits(P) at L3, EEX3336(P), AGM3203(P)
AGM4307 Economics and Marketing for Engineers	Pass in 18 credits at Level 3
EEY4183 Group Project (Electronics and Communication)	24 credits (P) at L3
EEW4403 Industrial Training I [Electronic and Communication]	36 credits (P) at L3, DMX3107(CR), EEX4351(CR), EEX4330(CR)

+Not compulsory for the Higher Diploma

Year 3

Course Code and Course Title	Prerequisites
Compulsory Courses	
MHZ5554 Engineering Mathematics IV	MHZ3551(P), MHZ3552(P), MHZ4553(CA)
DMX5403 Control Systems Engineering	MHZ3551(P), MHZ3552(P), 8 credits in X category courses (P)
EEX5333 Communication Theory and Systems	15 Credits (CA) at L4, 24 Credits(P) at L3, MHZ5554(CR), EEX4330(CA)
EEX5351 Digital Electronic Systems	EEX3417(P), EEX3336(P), EEX4436(CA), 24 credits (P) at level 3, 15 credits (CA) at level 4
EEX5564 Computer Architecture and Operating Systems	15 Credits (CA) at L4, 24 Credits(P) at L3, EEX3336(P), EEX4436(CA)
EEX6183 Research Methodology and Project Identification (Electronics and Communication)	60 Credits(P) at L3 & L4, EEX5333(CR), EEY4183(P), EEX5150(CR)
EEX6441 Electromagnetism and Wave Propagation	45 Credits(P) at L3 and L4, EEX3410(P), MHZ5554(CR)
CVM5401 Accounting for Engineers	AGM4307(CA), 30 Credits (P)
EEW5403 Industrial Training II [Electronic and Communication]	15 credits (CA) at L4, 36 credits (P) at L3 and L4, MHZ5554(CR), EEX4351(CA), EEX4330(CA)

Elective Courses (J Category) : Select Courses for 2 Credits

LLJ3245 Introduction to Laws of Sri Lanka	None
MHJ4241 History of Technology	Pass in 20 credits

Elective Courses: Select Courses for 3 Credits

EEX5346 Embedded Systems	EEX3417(P), EEX3336(P), EEX4436(CA), 24 credits (P) at level 3, 15 credits (CA) at level 4
DMX7304 Factory Automation	45 credits in X category (P)

Note: EEW4403 & EEW5403 are compulsory for the award of the Higher Diploma

Year 4

Course Code and Course Title		Prerequisites
Compulsory Courses		
DMM6601	Management for Engineers	CVM5401(CA), 60 credits(P)
EEX6253	Physical and Optoelectronics	15 Credits (CA) at L5, 45 Credits(P) at L3 and L4, EEX4351(CA), EEX3351(P)
EEX6339	Wireless Communications	15 Credits (CA) at L5, 45 Credits(P) at L3 and L4, EEX5333(CA), MHZ5554(CA)
EEX6450	Analog Electronic Systems and Instrumentation	15 Credits (CA) at L5, 45 Credits(P) at L3 and L4, EEX4351(P), EEX3331(P), EEX4331(CA)
EEX7333	Microwave Devices and Antennas	15 Credits (CA) at L5, 45 Credits(P) at L3 and L4, EEX6441(CA), MHZ5554(P)
EEX7355	Comprehensive Electronics Design	15 Credits (CA) at L5, 60 Credits(P) at L3 and L4, EEX5150(P), EEX6183(CA)
EEY7883	Engineering Research Project (Electronics and Communication)	15 Credits (CA) at L5, 60 Credits(P) at L3 and L4, EEX5333(P), EEX6339(CR), EEX5150(P), EEX6183(P), EEX7355(CR)
Elective Courses (J Category): Select Courses for 3 Credits		
MHJ5343	Nature of Science	Pass in 45 credits
MHJ5342	Technology, Society, and Environment	Pass in 45 credits
Elective Courses: Select Courses for 6 credits		
EEX5280*	Creative Design	24 credits (P) at L3, 15 credits (CA) at L4, EEX3417(P), DMX3305(P)
EEX7434	Digital Signal Processing	21 Credits (CA) at L5, 45 Credits(P) at L3 and L4, EEX5360(P)
DMX7304	Factory Automation	45 credits in X category (P)
EEX5346	Embedded Systems	EEX3417(P), EEX3336(P), EEX4436(CA), 24 credits (P) at level 3, 15 credits (CA) at level 4
EEX5453	Power Electronics	24 credits (P) at level 3, EEX4351(CA), EEX4331(CA)
EEX7171	Emerging Technologies	45 credits (P) at L3 and L4, 15 credits (CA) at L5, AGM3203(P), MHZ5554(CA)
EEX7436	Processor Design	45 credits (P) at L3 and L4, 15 credits (CA) at L5, EEX4436(P), EEX5351(CA), EEX5536(CA)
EEX7241	Neural Network & Fuzzy Logic Applications	EEX3417(P), MHZ4553(P), 45 credits (P) at levels 3 and 4

*Not available in 2024/25

(6) Curriculum for Mechanical Engineering Specialisation

Year 1

Course Code and Course Title	Prerequisites
MHZ3551 Engineering Mathematics I	None
MHZ3552 Engineering Mathematics II	None
EEX3417 Software Development for Engineers	AGM3203(CR)
DMX3401 Fluid Mechanics and Thermodynamics	None
DMX3302 Engineering Mechanics	MHZ3551(CR), MHZ3552(CR)
DMX3203 Introduction to Engineering Materials	None
EEX3410 Introduction to Electrical Engineering	MHZ3552(CR)
DMX3304 Applied Electronics	None
DMX3305 Introduction to Engineering Design Graphics	None
DMX3206 Introduction to Manufacturing Processes	DMX3107(CR)
DMX3107 Workshop Practice	None
AGM3203 Communication Skills	None

Year 2

Course Code and Course Title	Prerequisites
Compulsory Courses	
MHZ4553+ Engineering Mathematics III	MHZ3551(CA), MHZ3552(CA)
DMX4201 Advanced Engineering Design Graphics	DMX3305(CA)
DMX4202 Applied Thermodynamics I	DMX3401(CA)
DMX4203 Applied Fluid Dynamics I	DMX3401(CA)
DMX4204 Machine Dynamics	DMX3302(CA), MHZ3552(CA)
DMX4205 Strength of Materials I	DMX3302(CA)
DMX4306 Design of Machine Elements	DMX3305(CA), DMX4205(CR)
EEX4436 Microprocessors and Interfaces	12 credits (CA) at L3, EEX3417(CA), [EEX3336(CA), EEX4351(CR)] or DMX3304(CA)
DMX4307 Electrical Machines and Drives	EEX3410(CA), DMX3304(CA)

Course Code and Course Title	Prerequisites
DMX4208 Automobile Technology	DMX3401(CA)
DMX4212 Manufacturing Engineering	DMX3206(CA), MHZ3552(CA)
DMX5403+ Control Systems Engineering	MHZ3551(P), MHZ3552(P), 8 credits in X category courses (P)
AGM4307 Economics and marketing for engineers	Pass in 18 credits at Level 3

Elective Courses (J Category): Select Courses for 2 Credits

LLJ3245+ Introduction to laws of Sri Lanka	None
MHJ4241+ History of technology	20 credits (P)

+Not compulsory for the Higher Diploma

Year 3

Course Code and Course Title	Prerequisites
Compulsory Courses	
MHZ5554 Engineering Mathematics IV	MHZ3551(P), MHZ3552(P), MHZ4553(CA)
DMX5201 Advanced Engineering Mechanics	DMX3302(P), MHZ3551(P)
DMX5302 Strength of Materials II	DMX4205(CA), DMX3302(P)
DMX5205 Applied Thermodynamics II	DMX4202(CA), DMX3401(P)
DMX5206 Applied Fluid Dynamics II	DMX4203(CA), DMX3401(P)
DMX5307 Mechanical Engineering Design Project	DMX4201(CA), DMX4306(CA)
DMY4101* Group project (Mechanical Engineering)	8Cr (CA) at L3
DMX6180 Research Methodology and Project Identification (Mechanical/Mechatronics Engineering)	45 credits in X category courses (P) at L3 & L4
CVM5401 Accounting for Engineers	AGM4307(CA), 30 Credits(P)

Elective Courses (J Category): Select Courses for 3 Credits

MHJ5342 Technology, society, and environment	Pass in 45 credits
MHJ5343 Nature of Science	Pass in 45 credits

Elective Courses: Select Courses for 4 Credits

DMX5208 Automobile Engineering	DMX4208(CA)
DMX5209 Automotive Electronics	DMX3304(P), DMX4208(CA)
DMX5210 Vehicle Dynamics and Design of Automotive Components	DMX4208(CA)

Course Code and Course Title	Prerequisites
DMX5211 Plant Maintenance	DMX3206(P)
DMX5212 Computer-Aided Design and Manufacturing	DMX4201(CA)
DMW6801 Industrial Training (Mechanical - Undergraduate)	45 credits in X category courses(P) at L3 &L4

*Also compulsory for the Higher Diploma

Year 4

Course Code and Course Title	Prerequisites
Compulsory Courses	
DMX5204 Materials Engineering	DMX3203 (P)
DMX6301 Industrial Engineering	45 credits in X category courses (P) at L3 &L4, 15 credits in X category courses (CA) at L5
DMX6302 Energy, Environment and Sustainability	45 credits in X category courses (P) at L3 &L4, 15 credits in X category courses (CA) at L5
DMX7301 Thermal Power Generation	45 credits in X category courses (P) at L3 &L4, 15 credits in X category courses (CA) at L5, DMX3401(P)
DMX7402 Analysis of Manufacturing Systems & Processes	45 credits in X category courses (P)
DMM6601 Management for Engineers	45 credits in X category courses (P) at L3 &L4, 15 credits in X category courses (CA) at L5
DMY7880 Engineering Research Project (Mechanical)	DMX6180(CA), 45 credits in X category courses (P)
Elective Courses: Select Courses for 9 Credits	
DMX6303 Nano Technology	DMX3203(P), DMX3206(P), 45 Credits (P)
DMX6304 Computational Fluid Dynamics	MHZ4553 (P), DMX5206 (CA)
DMX7303 Control of Robotics Manipulators	DMX5201(CA), MHZ5554 (CA)
DMX7304 Factory Automation	45 credits in X category courses (P)
DMX7305 Renewable Sources of Energy	DMX3401(P), 45 credits in X category courses (P)

Industrial Training requirement for the award of the Higher Diploma

Course Code and Course Title	Prerequisites
DMW4801 Industrial Training (Mechanical -Diploma)	DMX4208(CR) or DMX4212(CR)

(7) Curriculum for Mechatronics Engineering Specialisation

Year 1

Course Code and Course Title	Prerequisites
Compulsory Courses	
MHZ3551 Engineering Mathematics I	None
MHZ3552 Engineering Mathematics II	None
EEX3417 Software development for engineers	AGM3203(CR)
DMX3401 Fluid Mechanics and Thermodynamics	None
DMX3302 Engineering Mechanics	MHZ3551(CR), MHZ3552(CR)
DMX3203 Introduction to Engineering Materials	None
EEX3410 Introduction to Electrical Engineering	MHZ3552(CR)
DMX3304 Applied Electronics	None
DMX3305 Introduction to Engineering Design Graphics	None
DMX3206 Introduction to Manufacturing Processes	DMX3107(CR)
DMX3107 Workshop Practice	None
AGM3203 Communication Skills	None

Year 2

Course Code and Course Title	Prerequisites
Compulsory Courses	
MHZ4553+ Engineering Mathematics III	MHZ3551(CA), MHZ3552(CA)
DMX4409 Sensors	EEX3410(CA), DMX3304(CA)
DMX4410 Electrical & Pneumatic Machines	EEX3410(CA), DMX3304(CA)
DMX4204 Machine Dynamics	DMX3302(CA), MHZ3552(CA)
DMX4205 Strength of Materials I	DMX3302(CA)
DMX4306 Design of Machine Elements	DMX3305 (CA), DMX4205(CR)
EEX4436 Microprocessors and Interfaces	12 credits (CA) at L3, EEX3417(CA), [EEX3336(CA),EEX4351(CR)] or DMX3304(CA)
DMX4411 Signal Processing	MHZ3551(CA), MHZ3552 (CA)

Course Code and Course Title	Prerequisites
DMX5403+ Control Systems Engineering	MHZ3551(P), MHZ3552(P), 8 credits in X category courses (P)
AGM4307 Economics and marketing for engineers	Pass in 18 credits at Level 3
DMY4102 Group project (Mechatronics Engineering)	8Cr (CA) at L3

Elective Courses (J Category): Select Courses for 2 Credits

LLJ3245+ Introduction to laws of Sri Lanka	None
MHJ4241+ History of technology	20 credits (P)

+Not compulsory for the Higher Diploma

Year 3

Course and Course Title	Prerequisites
Compulsory Courses	
MHZ5554 Engineering Mathematics IV	MHZ3551(P), MHZ3552(P), MHZ4553(CA)
DMX5201 Advanced Engineering Mechanics	DMX3302(P), MHZ3551(P)
DMX5204 Materials Engineering	DMX3203 (P)
DMX5211 Plant Maintenance	DMX3206(P)
DMX5212 Computer-Aided Design and Manufacturing	DMX3305(P)
DMX5313 Power Electronics and Motor Drives	DMX3304 (P),DMX4410(CA)
DMX5314 Machine Vision	DMX4409(CA),DMX4410(CA)
DMX5315 Artificial Intelligence	DMX4410(CA),DMX5403(CR)
DMX5316 Mechatronics Product Design	DMX3304(P), DMX4409(CA)
DMX6180 Research Methodology and Project Identification (Mechanical/Mechatronics Engineering)	45 credits in X category courses (P) at L3 &L4,
CVM5401 Accounting for Engineers	AGM4307(CA), 30 Credits(P)
DMW6802 Industrial Training (Mechatronics - Undergraduate)	45 credits in X category courses (P) at L3 &L4

Year 4

Course Code and Course Title	Prerequisites
Compulsory Courses	
DMX6305 Modern Control Systems	DMX4411(CA),DMX5403(CA)

Course Code and Course Title	Prerequisites
DMX6306 Micro and Nano Electromechanical Systems	DMX3206 (P),DMX4409(P)
DMX7303 Control of Robotics Manipulators	DMX5201(P), DMX5403(P)
DMX7304 Factory Automation	45 credits in X category courses (P)
DMX7306 Intelligent Control Systems	DMX5315(CA),DMX6305(CR)
DMM6601 Management for Engineers	45 credits in X category courses (P) at L3 &L4, 15 credits in X category courses (CA) at L5
DMY7881 Engineering Research Project (Mechatronics)	DMX6180(CA), 45 credits in X category courses (P)

Elective Courses: Select Courses for 6 Credits

DMX6303 Nano Technology	DMX3203(P), DMX3206(P), 45 Credits(P)
DMX7301 Thermal Power Generation	45 credits in X category courses (P) at L3 &L4, 15 credits in X category courses (CA) at L5, DMX3401(P)
DMX7305 Renewable Sources of Energy	DMX3401(P), 45 credits in X category courses (P)
DMX7402 Analysis of Manufacturing Systems & Processes	45 credits in X category courses (P)

Elective Courses (J Category): Select Courses for 3 Credits

MHJ5342 Technology, society, and environment	Pass in 45 credits
MHJ5343 Nature of Science	Pass in 45 credits

Industrial Training requirement for the award of the Higher Diploma

Course Code and Course Title	Prerequisites
DMW4802 Industrial Training (Mechatronics -Diploma)	DMX4306(CR), DMX4409(CR)

(8) Curriculum for Textile and Clothing Engineering Specialisation

Year 1

Course Code and Course Title	Prerequisites
Compulsory Courses	
MHZ3551 Engineering Mathematics I	None
MHZ3552 Engineering Mathematics II	None
EEX3417 Software Development for Engineers	AGM3203(CR)
DMX3401 Fluid Mechanics and Thermodynamics	None
EEX3410 Introduction to Electrical Engineering	MHZ3552(CR)
DMX3305 Introduction to Engineering Design Graphics	None
TAX3458 Fibre Science and Technology	None
TAX3459 Yarn Manufacture 1	None
TAX3331 Garment Analysis and Sewing Machinery	None
AGM3203 Communication Skills	None

Year 2

Course Code and Course Title	Prerequisites
Compulsory Courses	
MHZ4553+ Engineering Mathematics III	MHZ3551(CA), MHZ3552(CA)
TAX4539 Quality Assurance for Textile & Clothing	8 credits (CA) at level 3
TAX4540 Garment Manufacture	TAX3331(CA), 5 credits (CA) at level 3
TAX4560 Woven Fabric Technology	8 credits (CA) at level 3
TAX4361 Knitting Technology	8 credits (CA) at level 3
DMX3107 Workshop Practice	None
TAX5648+ Fabric Structure and Analysis	24 credits (P) at level 3
AGM4307 Economics and Marketing for Engineers	18 credits (P) at Level 3
TAY4181 Group Project (Textile & Clothing Engineering)	8 credits (CA) at level 3
Elective Courses: Select Courses for 4 Credits	
TAX4462 Pattern Development	8 credits (CA) at level 3

Course Code and Course Title	Prerequisites
TAX4438 Production Planning and Organization	8 credits (CA) at level 3

+ Not compulsory for the Higher Diploma

Year 3

Course Code and Course Title	Prerequisites
Compulsory Courses	
MHZ5554 Engineering Mathematics IV	MHZ3551(P), MHZ3552(P), MHZ4553(CA)
DMX5403 Control Systems Engineering	MHZ3551(P), HZ3552(P), 8 credits (P) in X c ategory
TAX5551 Textile Colouration	24 credits (P) at level 3, 15 credits (CA) at level 4
TAX5547 Plant Utilities	24 credits (P) at level 3, 15 credits (CA) at level 4
TAX5349 Nonwoven Textiles	[TAX3458(P) or TAX3530(P)], 19 credits (P) at level 3, 15 credits (CA) at level 4
TAX6180 Research Methodology and Project Identification (Textile & Clothing Engineering)	45 credits (P) at level 3 & 4
CVM5401 Accounting for Engineers	AGM4307 (CA), 30 Credits [P]
Elective Courses (J Category): Select Courses for 5 Credits	
LLJ3245 Introduction to Laws of Sri Lanka	None
MHJ4241 History of Technology	Pass in 20 credits
TAJ5353 History and Traditions of Clothing	24 credits (P) at level 3, 15 credits (CA) at level 4
MHJ5342 Technology, Society and Environment	Pass in 45 credits
MHJ5343 Nature of Science	Pass in 45 credits
Elective Courses: Select Courses for 2 Credits	
TAX6263 Textile Product Engineering	45 credits (P) at level 3 & 4
TAX6268** Nano Technology for Textiles	[TAX4571(P) or TAX5551(CA)], [TAX3458(P) or TAX3530(P)], 35 credits (P) at level 3 & 4
Elective Courses (W Category): Select Courses for 4 Credits	
TAW4401 Industrial Training I (Apparel)	TAX3331(P), TAX4438(CR), 5 credits (CA) at level 3
TAW5403 Industrial Training II (Yarn Manufacture)	TAX3459(P), 20 credits (P) at level 3, 15 credits (CA) at level 4
TAW5404 Industrial Training II (Weaving)	TAX4560(P), 19 credits (P) at level 3, 15 credits (CA) at level 4

Course Code and Course Title	Prerequisites
TAW5405 Industrial Training II (Chemical Processing)	[TAX4571(P) or TAX5551(CR)], 19 credits (P) at level 3, 15 credits (CA) at level 4
TAW5406 Industrial Training II (Knitting)	TAX4361(P), 21 credits (P) at level 3, 15 credits (CA) at level 4

**Not offered in 2024/25

Year 4

Course Code and Course Title	Prerequisites
Compulsory Courses	
TAX6556 Ergonomics	45 credits (P) at level 3 & 4, 15 credits (CA) at level 5
DMM6601 Management for Engineers	45 credits (P) in X category at level 3 & 4, 15 credits (CA) in X category at level 5
TAY7880 Engineering Research Project (Textile & Clothing Engineering)	TAX6180 (CA), 45 credits (P) at level 3 & 4, 15 credits (CA) at level 5
TAY7381 Comprehensive Design Project (Group Project - Textile & Clothing Engineering)	TAX6180(CA), 45 credits (P) at level 3 & 4, 15 credits (CA) at level 5
Elective Courses: Select Courses for 12 Credits	
TAX6454 Technical Textiles	45 credits (P) at level 3 & 4, 15 credits (CA) at level 5
TAX6265 Advanced Weaving Preparation and Machinery	TAX4560(P), 40 credits (P) at level 3 & 4, 15 credits (CA) at level 5
TAX6366 Yarn Manufacture II	TAX3459(P), 41 credits (P) at level 3 & 4, 15 credits (CA) at level 5
TAX6367 Advanced Colouration	[TAX4571(P) or TAX5551(P)], 40 credits (P) at level 3 & 4, 15 credits (CA) at level 5
TAX7368 Specialty Fabrics	TAX4361 (P), TAX4560 (P), 37 credits (P) at level 3 & 4, 15 credits (CA) at level 5
TAX7464 Yarn & Fabric Mechanics	TAX4560 (P), MHZ3551(P), MHZ3552 (P), 30 credits (P) at level 3 & 4, 15 credits (CA) at level 5
TAX7369 Engineering Aspects of Weaving	TAX4560 (P), 40 credits (P) at level 3 & 4, 15 credits (CA) at level 5
Elective Courses (W Category): Select Courses for 4 credits	
TAW4401 Industrial Training I (Apparel)	TAX3331(P), TAX4438(CR), 5 credits (CA) at level 3
TAW5403 Industrial Training II (Yarn Manufacture)	TAX3459(P), 20 credits (P) at level 3, 15 credits (CA) at level 4
TAW5404 Industrial Training II (Weaving)	TAX4560(P), 19 credits (P) at level 3, 15 credits (CA) at level 4
TAW5405 Industrial Training II (Chemical Processing)	[TAX4571(P) or TAX5551(CR)], 19 credits (P) at level 3, 15 credits (CA) at level 4

Course Code and Course Title	Prerequisites
TAW5406 Industrial Training II (Knitting)	TAX4361(P), 21 credits (P) at level 3, 15 credits (CA) at level 4

Industrial Training requirements for the award of the Higher Diploma:

Students need to complete any 2 W-category courses listed in Year 3 to be awarded the Higher Diploma.

Exemptions applicable for Bachelor of Science Honours in Engineering Study Programme

Please note that the course exemptions mentioned below are valid for only the 2024/25 academic year due to the curriculum revision in 2025/26.

Qualifications in English Language

Please refer Annex 2 for the qualifications accepted for the exemptions for the Courses English for General Academic Purpose (EGAP).

Qualifications in Mathematics

Qualification	Courses		
	Level 3	Level 4	Level 5
BSc with Mathematics in the final year/BSc with Applied Mathematics and Pure Mathematics in the final year	MHZ3551 MHZ3552		
BSc Special Degree in Mathematics	MHZ3551 MHZ3552	MHZ4553	MHZ5554

Qualifications in Civil Engineering and Related Disciplines

Qualification	Courses				
	Level 3		Level 4	Level 5	
NCIT (Civil)	CVX3441	DMX3107			
NAB (Civil)	AGM3203 EEX3410	DMX3401 DMX3305	DMX3107		
Diploma in Civil Engineering, GITI	CVX3442	CVX3340		CVX4342	
HNDE (Civil) or NDET (Civil)	AGM3203 CVX3340 CVX3441 CVX3442	EEX3410 DMX3401 DMX3305 DMX3107	MHZ3551 MHZ3552	CVX4342 CVW4802	
*NDT (Civil) or NDES (Civil)	AGM3203 CVX3340 CVX3441 CVX3442	EEX3410 DMX3401 DMX3305 DMX3107	MHZ3551 MHZ3552	CVX4342 CVW4802	
BSc (Civil Eng.), General Sir John Kothalawala Defence Academy	AGM3203 CVX3340 CVX3441 CVX3442	EEX3410 DMX3401 DMX3305 DMX3107	MHZ3551 MHZ3552	CVX4342 CVX4343 CVX4545 CVX4546 CVX4348	CVX5440
BSc (Surveying Science), Institute of Surveying & Mapping, Diyatalawa	CVX4342 EEX3410	MHZ3551 MHZ3552			CVX5440
BSc Eng. in Earth Resources Engineering, University of Moratuwa.	AGM3203 CVX3340 CVX3441 CVX3442	EEX3410 DMX3107 DMX3401 DMX3305	MHZ3551 MHZ3552	CVX4342 CVX4343 CVX4544 AGM4307 MHZ4553	MHZ5554

Qualifications in Electrical/Electronic/Communications/ Computer Engineering/ IT and related disciplines

Qualification	Courses			
	Level 3		Level 4 and Level 5	
NCT (Electrical and Electronics)	EEX3410			
NCIT (Electrical and Electronics)	EEX3410	DMX3107	EEX4331	
	EEX3331		EEX4332	
	EEX3336			
	(EEX3351 & EEX4351) or DMX3304			
NAB Special Apprentice (AIT) – Electrical/Electronic	EEX3410		EEW4401 or EEW4403 or EEW4301	
	DMX3107			
	(EEX3351 & EEX4351) or DMX3304			
Diploma in Electronics and Communications, Jaffna College Institute of Technology	AGM3203	EEX3336	EEX4331	
	EEX3410	DMX3305	EEX4332	
	EEX3331			
	(EEX3351 & EEX4351) or DMX3304			
Diploma in Computer System Design, (NIBM)	EEX3336	EEX3266	EEX4347	
	EEX3262		EEX4362	
Advanced Technician Diploma in Electrical and Electronic Engineering (Level 5 IVQ)	EEX3410			
Higher Diploma in Computer-based Information Systems (NIBM)	EEX3269		EEX4366	EEX5467
			EEX4435	
			EEY4181	
Higher National Diploma in IT, Advanced Technological Institute	EEX3336		EEX4435	
			EEX4347	
NDT (Electrical) or NDES (Power) or HNDE (Electrical Power)	AGM3203	DMX3305	EEX4331	
	EEX3410	DMX3107	EEX4332 or (EEX4542 &	
	EEX3331	MHZ3551	EEX4448)	
	DMX3401	MHZ3552	EEX4448)	
	EEW4403 or EEW4401 or (EEW4301 and EEW4502)			
HNDE (Electrical Power) New curriculum from 2014	AGM3203	DMX3401	EEX4331	
	EEX3410	DMX3305	EEX4332 or (EEX4542 &	
	EEX3417	DMX3107	EEX4448)	
	EEX3331	MHZ3551		
	EEX3336	MHZ3552		
	(EEX3351 & EEX4351) or DMX3304			
	EEW4403 or EEW4401 or (EEW4301 and EEW4502)			
	{EEY4182 or EEY4183}			
National Diploma in Technology (NDT) – Electronics and Telecommunications with Electrical Installations & Wiring Diagrams				EEX4434

Qualification	Courses		
	Level 3		Level 4 and Level 5
NDT (Electrical) (2014-2021)	AGM3203 EEX3410 EEX3331 EEX3336 (EEX3351 & EEX4351) or DMX3304	DMX3401 DMX3305 DMX3107 MHZ3551 MHZ3552	EEX4331 EEX4332 or (EEX4542 & EEX4448) EEX4434 EEX4436 EEW4403 or EEW4401 or (EEW4301 and EEW4502)
NDES* (Power) (New curriculum)	AGM3203 EEX3410 EEX3417 EEX3331 EEX3336 (EEX3351 & EEX4351) or DMX3304	DMX3401 DMX3305 DMX3107 MHZ3551 MHZ3552	EEX4331 EEX4332 or (EEX4542 & EEX4448) EEX4434 EEX4436 EEW4403 or EEW4401 or (EEW4301 and EEW4502) {EEY4182 or EEY4183}
NDT (Electronic & telecom.) or NDES (Electronics) or NDES (Telecommunication)	AGM3203 EEX3410 EEX3331 EEX3336 DMX3305 (EEX3351 & EEX4351) or DMX3304	DMX3401 DMX3107 MHZ3551 MHZ3552	EEX4331 EEX4332 EEX4436 (EEW4301 or EEW4403 or EEW4401) and EEW5403
NDES* (Electronics) or NDES *(Telecommunication) (New curriculum)	AGM3203 EEX3410 EEX3417 EEX3331 EEX3336 (EEX3351 & EEX4351) or DMX3304	DMX3401 DMX3305 DMX3107 MHZ3551 MHZ3552	EEX4331 EEX4332 EEX4330 EEX4436 (EEW4301 or EEW4403 or EEW4401) and EEW5403 (EEY4183 or EEY4182)
HNDE (Electronics) – Before 2014	AGM3203 EEX3410 EEX3331 EEX3336 DMX3401 (EEX3351 & EEX4351) or DMX3304	DMX3305 DMX3107 MHZ3551 MHZ3552	EEX4331 EEX4330 (EEW4301 or EEW4403 or EEW4401) and EEW5403
HNDE (Electronics) New curriculum from 2014	AGM3203 EEX3410 EEX3331 EEX3336 DMX3401 (EEX3351 & EEX4351) or DMX3304	DMX3305 DMX3107 MHZ3551 MHZ3552	EEX4331 EEX4332 EEX4330 (EEW4301 or EEW4403 or EEW4401) and EEW5403 (EEY4183 or EEY4182)

Qualification	Courses	
	Level 3	Level 4 and Level 5
National Diploma in Engineering Technology (NDET)- Electrical/Electronic	AGM3203 EEX3410 EEX3336 (EEX3351 & EEX4351) or DMX3304	DMX3401 DMX3305 DMX3107

*Effective year 2003 onwards **Effective year 2008 onwards

Note: Candidates who have fulfilled only the academic requirements without the industrial training components in NDT (Electrical), NDT (Electronic & Telecom.), HNDE (Electrical Power), and HNDE (Electronics) are eligible for exemptions as listed, but they will not be exempted from the industrial training courses at Levels 4 and 5.

Qualifications in Mechanical/ Automobile/ Manufacturing/ Marine/ Aeronautical/ Nautical/Chemical engineering and related disciplines

Qualification	Courses		
	Level 3	Level 4 and Level 5	
German Training School- Full Certificate or Full Certificate of Basic Training Programme conducted by the Training Schools of Central Transport Board (Werahara/Borella)	DMX3107		
National Certificate for Industrial Technicians (NCIT) (Mechanical)	AGM3203 DMX3401 DMX3203	DMX3305 DMX3206 DMX3107	DMX4201
NDT (Mechanical)	AGM3203 DMX3401 DMX3302 DMX3203 DMX3304 DMX3305	DMX3206 DMX3107 EEX3410 MHZ3551 MHZ3552	DMX4201 DMX4204 DMX4205 DMX4208 DMX4212 DMW4801 or DMW4802
NDT (Chemical)	AGM3203 DMX3401 DMX3302 DMX3203 DMX3304 DMX3305	DMX3206 DMX3107 EEX3410 MHZ3551 MHZ3552	DMX4201 DMX4204 DMX4205
NDT (Marine)	AGM3203 DMX3401 DMX3302 DMX3203 DMX3304 DMX3305	DMX3206 DMX3107 EEX3410 MHZ3551 MHZ3552	DMX4201 DMX4204 DMX4205

Qualification	Courses		
	Level 3	Level 4 and Level 5	
NDT (Nautical studies & technology)	AGM3203	DMX3305	DMX4204
	DMX3401	DMX3107	DMX4205
	DMX3302	EEX3410	
NDES (Mechanical - General)	AGM3203	DMX3206	DMX4201
	DMX3401	DMX3107	DMX4212
	DMX3302	EEX3410	DMX4204
	DMX3203	MHZ3551	DMX4205
	DMX3304	MHZ3552	DMW4801 or DMW4802
	DMX3305		
HNDE (Mechanical)-Production Engineering	AGM3203	DMX3206	DMX4201
	DMX3401	DMX3107	DMX4204
	DMX3302	EEX3410	DMX4205
	DMX3203	MHZ3551	DMX4212
	DMX3304	MHZ3552	DMW4801 or DMW4802
	DMX3305		
HNDE (Mechanical)-Automobile Engineering	AGM3203	DMX3206	DMX4201
	DMX3401	DMX3107	DMX4204
	DMX3302	EEX3410	DMX4205
	DMX3203	MHZ3551	DMX4208
	DMX3304	MHZ3552	DMW4801 or DMW4802
	DMX3305		
HNDE (Mechanical)-Refrigeration and Air conditioning	AGM3203	DMX3206	DMX4201
	DMX3401	DMX3107	DMX4204
	DMX3302	EEX3410	DMX4205
	DMX3203	MHZ3551	DMW4801 or DMW4802
	DMX3304	MHZ3552	
	DMX3305		
NDES (Automobile)	AGM3203	DMX3206	DMX4201
	DMX3401	DMX3107	DMX4204
	DMX3302	EEX3410	DMX4205
	DMX3203	MHZ3551	DMX4208
	DMX3304	MHZ3552	DMW4801 or DMW4802
	DMX3305		
NDES (Marine)	AGM3203	DMX3206	DMX4201
	DMX3401	DMX3107	DMX4204
	DMX3302	EEX3410	DMX4205
	DMX3203	MHZ3551	
	DMX3304	MHZ3552	
	DMX3305		
BSc (Defence Studies) in Aeronautical Engineering	AGM3203	EEX3410	
	DMX3401	MHZ3551	
	DMX3304	MHZ3552	
	DMX3305		
	DMX3107		

Note: Candidates who have fulfilled only the academic requirements without the industrial training components in NDT (Mechanical) and HNDE (Mechanical) may be granted exemptions but will not be exempted from the industrial training modules at Levels 4 and 5.

Qualifications in Textile and Clothing Engineering and related discipline

Qualification	Courses	
	Level 3	Level 4 and Level 5
Certificate in Textile Technology (One-year Fulltime), Textile Training & Services Centre, Ratmalana	TAX3458 TAX3459	TAX4560 TAX5551
Certificate in Textile Technology (One year full-time) and Diploma in Technology (Extension Course), Textile Training & Services Centre, Ratmalana	TAX3458 TAX3459 TAX3331	TAX4560 TAX5551
Certificate in Textile Dyeing and Printing (Part-time) from the Textile Training and Services Centre, Ratmalana		TAX5551
Diploma in Textile and Apparel Technology (Part-time), Sri Lanka Institute of Textile and Apparel (SLITA), Ratmalana		TAX5551
Diploma in Textile and Apparel Technology (Full time), Sri Lanka Institute of Textile and Apparel (SLITA), Ratmalana	TAX3458 TAX3459 TAX3331	TAX4438 TAX4462 TAX4539 TAX5551 TAX4540 TAX5648
Diploma in Textile Technology from the Textile Training and Services Centre, Ratmalana	TAX3458 TAX3459 TAX3331	TAX4560 TAX5551
Diploma in Clothing Technology from the Clothing Industry Training Institute, Ratmalana	TAX3331	TAX4438 TAX4539 TAX4462 TAW4401
Certificate in Textile Colouration and Finishing (Part-time) and Diploma in Textile Colouration and Finishing (Part-time) from the Textile Training and Services Centre, Ratmalana	TAX3458	TAX5551
Certificate in Garment Production Management (Part-time) from Clothing Industry Training Institute, Ratmalana	TAX3331	
College Diploma in Clothing Technology and Management (full-time), Brandix College of Clothing Technology, Ratmalana	TAX3331	TAX4539 TAX4462 TAX4438 TAW4401 TAX4540 TAX5648
NDT (Textile) (Old Curriculum-till 2007)	AGM3203 TAX3458 DMX3401 TAX3459 DMX3305 MHZ3551 DMX3107 MHZ3552 EEX3410 (TAX5648 or TAX3331)	TAX4539 TAX4560 TAX5551 Any two of TAW5403, TAW5404, TAW5405, TAW5406

Qualification	Courses			
	Level 3		Level 4 and Level 5	
NDT (Textile) (Old Curriculum-till 2007) without completion of training	AGM3203	TAX3458	TAX4539	
	DMX3401	TAX3459	TAX5551	
	DMX3305	MHZ3551	TAX4560	
	EEX3410	MHZ3552		
		(TAX5648		
		or		
		TAX3331)		
NDT (Clothing) (Old Curriculum-till 2007)	AGM3203	TAX3459	TAX4539	Any two of
	DMX3401	(TAX5648 or	TAX4540	TAW4401
	DMX3305	TAX3331)	TAX4438	TAW5403
	DMX3107	MHZ3551	TAX4462	TAW5404
	EEX3410	MHZ3552		TAW5405
	TAX3458			TAW5406
				TAX5551
NDT (Clothing) (Old Curriculum-till 2007) without completion of training	AGM3203	TAX3459	TAX4438	
	DMX3401	(TAX5648 or	TAX4539	
	DMX3305	TAX3331)	TAX4540	
	EEX3410	MHZ3551	TAX5551	
	TAX3458	MHZ3552	TAX4462	
NDT (Textile and Clothing Technology)- From 2007 to 2021	AGM3203	TAX3331	DMX4204	Any two of
	DMX3401	TAX3458	TAX4438	TAW4401
	DMX3302	TAX3459	TAX4539	TAW5403
	DMX3305	MHZ3551	TAX4540	TAW5404
	DMX3107	MHZ3552	TAX5648	TAW5405
	EEX3410		TAX5551	TAW5406
			TAX4560	
			TAX4462	
NDT (Textile and Clothing Technology) – From 2007 to 2021 without completion of training	AGM3203	TAX3331	DMX4204	TAX5648
	DMX3401	TAX3458	TAX4438	TAX5551
	DMX3302	TAX3459	TAX4539	
	DMX3305	MHZ3551	TAX4540	
	EEX3410	MHZ3552	TAX4560	
			TAX4462	
NDT (Polymer Technology)	AGM3203	DMX3206	DMX4201	
	DMX3401	DMX3107	DMX4204	
	DMX3302	EEX3410		
	DMX3203	MHZ3551		
	DMX3305	MHZ3552		
Diploma in Clothing Manufacture – CITI, Ratmalana	TAX3331		TAX4438	TAW5401
			TAX4539	
			TAW4401	
Diploma in Polymer Technology – CITI, Ratmalana			TAX4539	
TAI3540- Pattern construction and TAI5538 – Advanced pattern construction, OUSL			TAX4462	

**Licentiatehip of Textile Institute (LTI) Examination /Associateship of Textile Institutes (ATI)
Technology Group Examination**

Subject	Level 3	Level 4	Level 5
Paper 2 in LTI/Paper 2(a) in ATI – Fibre Technology and Textile Science	TAX3458		
Paper 3 in LTI /Paper 2 (b) in ATI – Yarn Technology and Yarn Preparation	TAX3459		
Paper 4 in LTI /Paper 2 (c) in ATI- Fabric technology		TAX4560	TAX5648
Paper 5 in LTI /Paper 2 (d) in ATI-Dyeing and Finishing Technology			TAX5551
Paper 6 in LTI – Textile Testing		TAX4539	
Paper 11 in LTI – Garment Technology	TAX3331		

The Bachelor of Industrial Studies Honours Degree (BISHons) programme at OUSL is meticulously designed to meet the Sri Lanka Qualification Framework (SLQF) standards, catering specifically to individuals currently employed in middle-management or technical roles across various industries. Additionally, students can earn a Higher Diploma in an approved Industrial Studies discipline upon completing the necessary courses and credit requirements.

The medium of instruction of the programme is English.

Areas of Specialisation

- Agriculture
- Apparel Production and Management
- Fashion Design and Product Development
- Textile Manufacture

Duration

The BISHons programme, beginning at level 3, has a minimum duration of four academic years. The maximum period allowed for a student to complete the programme is three times the minimum duration, totalling twelve academic years.

Eligibility for Admission

To be eligible for admission to the Bachelor of Industrial Studies Honours degree programme in the specialisations of Apparel Production and Management, Textile Manufacture, or Fashion Design and Product Development, an applicant shall be required to have:

- Obtained three passes at the General Certificate of Education (Advanced Level) Examination, Sri Lanka, in one sitting, or
- Obtained a minimum of three credit (C) passes in any three subjects in the Cambridge International/Edexcel Advanced Level Examination within three years, or
- Obtained the Certificate in Industrial Studies in Apparel Technology offered by The Open University of Sri Lanka, or
- Obtained the Advanced Certificate in Industrial Studies in Apparel Technology offered by The Open University of Sri Lanka, or
- Obtained the Advanced Certificate in Apparel Technology offered by The Open University of Sri Lanka, or
- Completed all courses of any foundation programme offered by The Open University of Sri Lanka, or
- Obtained the Advanced Certificate in Science with courses from any three disciplines offered by The Open University of Sri Lanka, or
- Secured an equivalent or higher qualification acceptable to the Senate of the University.

For admission to the Bachelor of Industrial Studies Honours degree programme with a specialisation in Agriculture, an applicant shall be required to have:

- Obtained three passes from Biology, Chemistry, Physics, or Agriculture at the General Certificate of Education (Advanced Level) Examination, Sri Lanka, in one sitting, or
- Obtained a minimum of three credit (C) passes in Biology, Physics, and Chemistry in the Cambridge International/Edexcel Advanced Level Examination within three years, or

- Obtained the Advanced Certificate in Science with courses in Biology, Physics, and Chemistry offered by The Open University of Sri Lanka, or
- Secured an equivalent or higher qualification acceptable to the Senate of the University.

Requirements for the award of the Degree

To qualify for the award of the Bachelor of Industrial Studies Honours degree, a student must fulfil the following requirements within a maximum of 12 academic years, by the rule that the maximum period allowed is three times the minimum duration of 4 years.

- (1) Successful completion of all compulsory courses for the selected specialisation, and
- (2) Fulfil the level-wise and the category-wise course credits as given in the Table 2

Requirements for the award of the Higher Diploma in Industrial Studies

To qualify for the award of a Higher Diploma, a student must meet the following requirements.

- (1) Successful completion of all compulsory courses at levels 3 and 4 for the selected specialisation, and
- (2) Fulfil the level-wise and the category-wise minimum course credits as given in Table 2.

Table 2: Requirements for the Award of Bachelor of Industrial Studies Honours Degree and Higher Diploma in Industrial Studies

Course Category	Degree		Higher Diploma	
	Minimum credits	Maximum credits	Minimum credits	Maximum credits
Engineering (X) or Industrial (I)	74	88	42	46
	Subject to a minimum of 30 at Level 5 or above, of which at least 12 at Level 6		Subject to a minimum of 15 at Level 4 or above	
Engineering projects (Y)	8	11	N/A	N/A
	Subject to a minimum of 8 at Level 6			
Mathematics (Z)	8	10	5	9
General (J)	5	6	0	4
Management (M)	10	15	7	11
Industrial Training (W)	8	8	8	8
Computer Literacy (K)	2	2	2	2
Total	130 Subject to a minimum of 60 at Level 5 or above, of which at least 30 at Level 6		68 Subject to a minimum of 30 at Level 4	

Grade Point Average (GPA)

The GPA is calculated by considering courses from Levels 4, 5, and 6 totaling 74 credits. The following sequence is used for selecting courses to fulfil the 74-credit requirement:

1. Compulsory courses at Levels 5 and 6.
2. Non-compulsory courses at Levels 5 and 6 with the highest GPVs.
3. Compulsory courses at Level 4 with the highest GPVs.

If exactly seventy-four (74) credits cannot be obtained, courses will be selected to the nearest value below seventy-four (74) credits, with the remaining credits taken as a part credit of the next course. Industrial training courses are not included in the GPA calculation.

Limits for course exemptions

Regardless of any exemptions granted for prior qualifications, a student must successfully complete, in accordance with the Scheme of Assessment, a minimum number of credits as specified below for each award.

For Degree

Level 6 (considering all Categories): 15
Level 6 (considering X, I, and Y categories): 10
Levels 5 and 6 (considering all Categories): 30
Levels 5 and 6 (considering X, I, and Y Categories): 19
Total (considering all Categories and all levels from 3 to 6): 65

For Higher Diploma in Industrial Studies

Level 4 (considering all Categories): 15
Level 4 and above (considering X and I Categories): 8
Total (considering all Categories and all levels from 3 to 6): 34

The Grade Point Average (GPA) is computed as follows:

$$GPA = \frac{(\sum \text{Credit Value} \times GPV) + \text{Part Credit} \times GPV}{74}$$

Curricula for different specialisations

The following pages present the recommended curriculum, with courses listed according to the suggested year of offering. However, students have the flexibility to enrol in courses across the entire curriculum, provided they meet the prerequisite requirements. This allows students to tailor their academic journey based on their individual commitments, schedules, and constraints.

Nevertheless, students are limited to a maximum of 38 credits per academic year.

The specialisations presented are:

- Agriculture
- Apparel Production and Management
- Fashion Design and Product Development
- Textile Manufacture

Please note that for the award of the Higher Diploma, only the courses in **Year 1** and **Year 2**, except those marked with '+', are compulsory.

Abbreviations used for prerequisite: (CR) – Concurrent Registration, (CA) – Pass in Continuous Assessments, (P) – Obtained at least C grade for the course

Curriculum for Agriculture Specialisation

Year 1

Course Code and Course Title		Prerequisites
Compulsory Courses		
MHZ3458	Mathematics for Agriculture	None
AGI3450	Land and Soil Tillage Management	None
AGI3551	Agricultural Biology	None
AGI3552	Crop Production and Technology	None
AGI3553	Plant Protection	None
AGM3354	Principles of Economics	None
TAK3237	Introduction to Computer Applications	None
AGM3203	Communication Skills	None

Year 2

Course Code and Course Title		Prerequisites
Compulsory Courses		
MHZ4357	Applied Statistics	Pass in 15 credits in level 3, MHZ3458(CA)
AGI4555	Irrigation and Drainage Engineering	AGX4356 (CR)
AGI4559	Food and Nutrition	None
AGI4460	Animal Husbandry & Production	None
AGI4561	Postharvest Biology and Technology	AGI3551(P))
AGI4362	Environmental Agriculture	AGI3551(CA), AGX4356(CR)
AGX4356	Soil Science	None
AGM4363	Agricultural Marketing	None
AGW4401	Industrial Training I (Agriculture)	AGI3551(CA), AGI3552(CA), Pass in 15 credits at level 3 or above

Year 3

Course Code and Course Title		Prerequisites
Compulsory Courses		
AGZ5367	Experimental Design	MHZ3458(P) and MHZ4357(CA)
AGM5364	Farm Power and Machinery	AGI3450 (P)
AGI5166	Research Methodology	MHZ3458(P), MHZ4357(CA), AGZ5367(CR), Pass in 30 credits
AGX5565	Soil Plant and Water Relationship	AGX4356(CA)
AGJ5368	Indigenous Knowledge of Herbal Products	Pass in 30 credits
AGW5401*	Industrial Training II (Agriculture)	AGW4401(CR), 15 credits (P)
Elective Courses: Select Courses for 13 Credits		
AGI5569	Molecular Biology and Biotechnology	AGI 3551(P)
AGI5470	Food Microbiology	AGI4559(CA)
AGI5471	Animal Biology	None
AGI5572	Fisheries and Aquaculture	None
AGI5373	Agro-Forestry	AGI3551(P), AGX4356(CA)
AGI5274	Fruit Crops and Cut Flower Production	AGI3553(P), AGI3551(P)
AGX5415	Horticulture and Landscape Technology	AGI3553(P), AGI3552 (P)
AGX5376	Crop Processing	AGI3552(P), AGI4561(CA)
AGX5277	Food Safety and Quality Management Systems	Pass in 30 credits
AGM5475	Economics and Management	AGM3354(P), MHZ3458(P)

*Also Compulsory for the Higher Diploma

Year 4

Course Code and Course Title		Prerequisites
Compulsory Courses		
AGI6478	Hydrology and Water Resources	AG14555(P), AGX5565(CR)
AGM6379	Agricultural Extension	Pass in 30 credits

Course Code and Course Title	Prerequisites
AGJ6381 Rural Sociology	Pass in 30 credits
AGY6880 Individual Project (Agriculture)	MHZ3458 (P), MHZ4357 (P), AGZ5367 (CR), AGI5166 (CA), Pass in 50 credits.
Elective Courses: Select Courses for 15 Credits	
AGI6582 Food Processing	AGI4559(P)
AGI6585 Applications in Biotechnology	AGI5569(CA)
AGX6283 Ground Water and Resource Management	AGX5565(CA), AGX4356(P)
AGX6284 Impacts of Climate Change on Water Resources	AGX5565(CR)
AGX6387 Plantation Crop Technology	AGI3552(P)
AGX6490 Soil and Water Conservation	AGX4356(P), AGX5565(CR)
AGI6486 Field and Laboratory Techniques in Plant Protection	AGI3553(P)
AGX6377* Precision Agriculture	50 Credits (P)

*Not available in 2024/25

Curriculum for Apparel Production & Management Specialisation

Year 1

Course Code and Course Title	Prerequisites
Compulsory Courses	
TAX3530 Fibre to Fabric	None
TAX3331 Garment Analysis and Sewing Machinery	None
TAI3332 Garment Accessories	None
TAI3533 Pattern Construction	None
TAM3234 Basics of Human Resource Management	None
TAM3535 Management Studies	None
MHZ3576 Statistics for Industrial Studies	None
TAK3237 Introduction to Computer Applications	None

Year 2

Course Code and Course Title	Prerequisites
Compulsory Courses	
TAX4438 Production Planning and Organisation	8 credits (CA) at level 3
TAX4539 Quality Assurance for Textile and Clothing	8 credits (CA) at level 3
TAX4540 Garment Manufacture	TAX3331(CA), 5 credits (CA) at level 3
TAX4441 Knitted Garment Technology	8 credits (CA) at level 3
TAI4442 Advanced Pattern Construction	TAI3533(P), 3 credits (CA) at level 3
TAI4243 Foundation Garments	TAX3530(CA), TAI3533(CA), TAX4540(CR)
TAI4344 Industrial Garment Washing and Finishing	8 credits (CA) at level 3
TAM4445 Apparel Merchandising	8 credits (CA) at level 3
TAW4401 Industrial Training I (Apparel)	TAX3331(P), TAX4438(CR), 5 credits (CA) at level 3

Year 3

Course Code and Course Title		Prerequisites
Compulsory Courses		
TAI5246	Current Topics in Textile and Clothing	24 credits (P) at level 3, 15 credits (CA) at level 4
TAX5547	Plant Utilities	24 credits (P) at level 3, 15 credits (CA) at level 4
TAX5648	Fabric Structure and Analysis	24 credits (P) at level 3
TAX5349	Nonwoven Textiles	[TAX3458(P) or TAX3530 (P)], 19 credits (P) at level 3, 15 credits (CA) at level 4
MHZ5570	Quantitative Techniques	45 credits(P), MHZ3576(P)
TAW5401	Industrial Training II (Apparel)	TAW4401(CR), 24 credits (P) at level 3, 15 credits (CA) at level 4
Elective Courses: Select Courses for 5 Credits		
TAX5551	Textile Colouration	24 credits (P) at level 3, 15 credits (CA) at level 4
TAI5552	Principles of Fashion Design	24 credits (P) at level 3, 15 credits (CA) at level 4
Elective Courses (J Category): Select Courses for 5 credits		
LLJ3245	Introduction to Laws of Sri Lanka	None
MHJ4241	History of Technology	Pass in 20 credits
MHJ5343	Nature of Science	Pass in 45 credits
MHJ5342	Technology, Society, and Environment	Pass in 45 credits
TAJ5353	History and Traditions of Clothing	24 credits (P) at level 3, 15 credits (CA) at level 4

Year 4

Course Code and Course Title		Prerequisites
Compulsory Courses		
TAX6454	Technical Textiles	45 credits (P) at level 3 & 4, 15 credits (CA) at level 5
TAX6455	Fabric Technology	45 credits (P) at level 3 & 4, 15 credits (CA) at level 5
TAX6556	Ergonomics	45 credits (P) at level 3 & 4, 15 credits (CA) at level 5
TAX6263	Textile Product Engineering	45 credits (P) at level 3 & 4
TAM6457	Fashion Marketing	45 credits (P) at level 3 & 4, 15 credits (CA) at level 5
TAY6882	Research Project (Apparel Production)	TA5246(CA), 45 credits (P) at level 3 & 4, 13 credits (CA) at level 5

Course Code and Course Title	Prerequisites
Elective Courses: Select Courses for 3 Credits	
TAX6367 Advanced Colouration	[TAX4571(P) or TAX5551(P)], 40 credits (P) at level 3 & 4, 15 credits (CA) at level 5
TAX6368* Nano Technology for Textiles	[TAX4571(P) or TAX5551(CA)], [TAX3458(P) or TAX3530(P)], 35 credits (P) at level 3 & 4

* Not available in 2024/25

Note: Students need to complete the 2 courses of the W category listed in Years 2 and 3 to be awarded the Higher Diploma.

Curriculum for Fashion Design & Product Development Specialisation

Year 1

Course Code and Course Title		Prerequisites
Compulsory Courses		
TAX3530	Fibre to Fabric	None
TAX3331	Garment Analysis and Sewing Machinery	None
TAI3332	Garment Accessories	None
TAI3533	Pattern Construction	None
TAI3270	Fashion Illustration I	None
TAM3234	Basics of Human Resource Management	None
TAM3535	Management Studies	None
MHZ3576	Statistics for Industrial Studies	None
TAK3237	Introduction to Computer Applications	None

Year 2

Course Code and Course Title		Prerequisites
Compulsory Courses		
TAX4539	Quality Assurance for Textile and Clothing	8 credits (CA) at level 3
TAX4540	Garment Manufacture	TAX3331(CA), 5 credits (CA) at level 3
TAI4371	Concept of Fashion	8 credits (CA) at level 3
TAI4472	Concept of Fashion Designing	8 credits (CA) at level 3
TAI4373	Fashion Illustration II	TAI3270(CA), 6 credits (CA) at level 3
TAI4474	Process of Fashion Designing	TAI4472(CR), 8 credits (CA) at level 3
TAI4442	Advanced Pattern Construction	TAI3533(P), 3 credits (CA) at level 3
TAI4243+	Foundation Garments	TAX3530(CA), TAI3533(CA), TAX4540(CR),
TAW4402	Industrial Training I (Fashion)	TAX3331(P), TAI4371(CR), TAI4472(CR), 5 credits (CA) at level 3
Elective Courses: Select Courses for 2 Credits		
LLJ3245+	Introduction to Laws of Sri Lanka	None

Course Code and Course Title	Prerequisites
MHJ4241+ History of Technology	Pass in 20 credits

+Not compulsory for the Higher Diploma

Year 3

Course Code and Course Title	Prerequisites
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Compulsory Courses

TAI5375	Design Through Draping	TAI3533(P), 19 credits (P) at level 3, 15 credits (CA) at level 4
TAI5478	Fashion Design Development	TAI4373(P), 21 credits (P) at level 3, 15 credits (CA) at level 4
TAI5579	Theoretical Aspects of Visual Presentation and Exhibition Design	TAI5478(CR), 24 credits (P) at level 3, 15 credits (CA) at level 4
MHZ5570	Quantitative Techniques	45 credits(P), MHZ3576(P)
TAY5384	Inspiration of Fashion Designing	TAI4373(CA), TAI4474 (CA), 24 credits (P) at level 3, 8 credits (CA) at level 4
TAW5402	Industrial Training II (Fashion Design and Product Development)	TAI4474(CA), TAW4402(CR), 24 credits (P) at level 3, 15 credits (CA) at level 4

Elective Courses: Select Courses for 5 Credits

TAX5551	Textile Colouration	24 credits (P) at level 3, 15 credits (CA) at level 4
TAI5376	Computer-Aided Pattern Drafting	TAI3533(P), 19 credits (P) at level 3, 15 credits (CA) at level 4
TAI5277	Computer-Aided Fashion Illustration	TAI4472(CR), TAI4373(CA), 24 credits (P) at level 3, 12 credits (CA) at level 4

Elective Courses (J Category): Select Courses for 3 Credits

MHJ5343	Nature of Science	Pass in 45 credits
MHJ5342	Technology, Society, and Environment	Pass in 45 credits
TAJ5353	History and Traditions of Clothing	24 credits (P) at level 3, 15 credits (CA) at level 4

Year 4

Course Code and Course Title	Prerequisites
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Compulsory Courses

TAI6580	Fashion Show Production	TAI4474(P), 41 credits (P) at level 3 & 4, 15 credits (CA) at level 5
TAX6556	Ergonomics	45 credits (P) at level 3 & 4, 15 credits (CA) at level 5
TAM6457	Fashion Marketing	45 credits (P) at level 3 & 4, 15 credits (CA) at level 5

Course Code and Course Title		Prerequisites
TAY6885	Creating and Exhibiting Fashion Products	TAY5384(P), TAI5579(CA), 42 credits (P) at level 3 & 4, 10 credits (CA) at level 5
Elective Courses: Select Courses for 8 Credits		
TAX6454	Technical Textiles	45 credits (P) at level 3 & 4, 15 credits (CA) at level 5
TAX6455	Fabric Technology	45 credits (P) at level 3 & 4, 15 credits (CA) at level 5
TAX6263	Textile Product Engineering	45 credits (P) at level 3 & 4
TAX6367	Advanced Colouration	[TAX4571(P) or TAX5551(P)], 40 credits (P) at level 3 & 4, 15 credits (CA) at level 5
TAX6368*	Nano Technology for Textiles	[TAX4571(P) or TAX5551(CA)], [TAX3458(P) or TAX3530(P)], 35 credits (P) at level 3 & 4

* Not offered in 2024/25

Note: Students need to complete the 2 courses of the W category listed in Years 2 and 3 to be awarded the Higher Diploma.

Curriculum for Textile Manufacture specialisation

Year 1

Course Code and Course Title		Prerequisites
Compulsory Courses		
TAX3458	Fibre Science & Technology	None
TAX3459	Yarn Manufacture 1	None
TAX3370	Textile Preparation	None
TAX3331	Garment Analysis and Sewing Machinery	None
TAI3332	Garment Accessories	None
TAM3234	Basics of Human Resource Management	None
TAM3535	Management Studies	None
MHZ3576	Statistics for Industrial Studies	None
TAK3237	Introduction to Computer Applications	None

Year 2

Course Code and Course Title		Prerequisites
Compulsory Courses		
TAX4539	Quality Assurance for Textile and Clothing	8 credits (CA) at level 3
TAX4540	Garment Manufacture	TAX3331(CA), 5 credits (CA) at level 3
TAX4560	Woven Fabric Technology	8 credits (CA) at level 3
TAX4361	Knitting Technology	8 credits (CA) at level 3
TAX4571	Textile Colouration and Finishing	TAX3370(CA), 5 credits (CA) at level 3
TAI4344	Industrial Garment Washing and Finishing	8 credits (CA) at level 3
TAM4445	Apparel Merchandising	8 credits (CA) at level 3

Note:

Those who wish to take TAW4401 may register for TAX4438 in year 2 Table Prerequisites for TAX4438 are [8 credits (CA) at level 3].

Year 3

Course Code and Course Title	Prerequisites
Compulsory Courses	
TAX5547 Plant Utilities	24 credits (P) at level 3, 15 credits (CA) at level 4
TAX5648 Fabric Structure and Analysis	24 credits (P) at level 3
TAX5349 Nonwoven Textiles	[TAX3458(P) or TAX3530 (P)], 19 credits (P) at level 3, 15 credits (CA) at level 4
TAI5552 Principles of Fashion Design	24 credits (P) at level 3, 15 credits (CA) at level 4
TAI5246 Current Topics in Textile and Clothing	24 credits (P) at level 3, 15 credits (CA) at level 4
MHZ5570 Quantitative Techniques	45 credits(P), MHZ3576(P)
Elective Courses (J Category): Select Courses for 5 credits	
LLJ3245 Introduction to Laws of Sri Lanka	None
MHJ4241 History of Technology	Pass in 20 credits
MHJ5343 Nature of Science	Pass in 45 credits
MHJ5342 Technology, Society, and Environment	Pass in 45 credits
TAJ5353 History and Traditions of Clothing	24 credits (P) at level 3, 15 credits (CA) at level 4
Elective Courses (W Category): Select Courses for 4 Credit	
TAW4401 Industrial Training I (Apparel)	TAX3331(P), TAX4438(CR), 5 credits (CA) at level 3
TAW5403 Industrial Training II (Yarn Manufacture)	TAX3459(P), 20 credits (P) at level 3, 15 credits (CA) at level 4
TAW5404 Industrial Training II (Weaving)	TAX4560(P), 19 credits (P) at level 3, 15 credits (CA) at level 4
TAW5405 Industrial Training II (Chemical Processing)	[TAX4571(P) or TAX5551(CR)], 19 credits (P) at level 3, 15 credits (CA) at level 4
TAW5406 Industrial Training II (Knitting)	TAX4361(P), 21 credits (P) at level 3, 15 credits (CA) at level 4

Year 4

Course Code and Course Title	Prerequisites
Compulsory Courses	
TAX6263 Textile Product Engineering	45 credits (P) at level 3 & 4
TAX6556 Ergonomics	45 credits (P) at level 3 & 4, 15 credits (CA) at level 5

Course Code and Course Title		Prerequisites
TAY6883	Research Project (Textile manufacture)	TA5246(CA), 45 credits (P) at level 3 & 4, 13 credits (CA) at level 5
Elective Courses: Select Courses for 15 Credits		
TAX6454	Technical Textiles	45 credits (P) at level 3 & 4, 15 credits (CA) at level 5
TAX6265	Advanced Weaving preparation and machinery	TAX4560(P), 40 credits (P) at level 3 & 4, 15 credits (CA) at level 5
TAX6366	Yarn Manufacture II	TAX3459(P), 41 credits (P) at level 3 & 4, 15 credits (CA) at level 5
TAX6367	Advanced Colouration	[TAX4571(P) or TAX5551(P)], 40 credits (P) at level 3 & 4, 15 credits (CA) at level 5
TAX6368*	Nano Technology for Textiles	[TAX4571(P) or TAX5551(CA)], [TAX3458(P) or TAX3530(P)], 35 credits (P) at level 3 & 4
TAM6457	Fashion Marketing	45 credits (P) at level 3 & 4, 15 credits (CA) at level 5
Elective Courses (W Category): Select Courses for 4 Credits		
TAW4401	Industrial Training I (Apparel)	TAX3331(P), TAX4438(CR), 5 credits (CA) at level 3
TAW5403	Industrial Training II (Yarn Manufacture)	TAX3459(P), 20 credits (P) at level 3, 15 credits (CA) at level 4
TAW5404	Industrial Training II (Weaving)	TAX4560(P), 19 credits (P) at level 3, 15 credits (CA) at level 4
TAW5405	Industrial Training II (Chemical Processing)	[TAX4571(P) or TAX5551(CR)], 19 credits (P) at level 3, 15 credits (CA) at level 4
TAW5406	Industrial Training II (Knitting)	TAX4361(P), 21 credits (P) at level 3, 15 credits (CA) at level 4

* Not offered in 2024/25

Industrial Training requirements for the award of the Higher Diploma:

Students need to complete any 2 W-category courses listed in Year 3 to be awarded the Higher Diploma.

Exemptions applicable for the Industrial Studies Study Programme

Please note that the below-mentioned course exemptions are valid only for the 2024/25 academic year due to the curriculum revision in 2025/26.

Qualifications in English Language

Please refer Annex 2 for the qualifications accepted for the exemptions for the Courses English for General Academic Purpose (EGAP).

Qualifications in Agriculture and related disciplines

[Applicable for Bachelor of Industrial Studies Honors Programme]

Qualification	Courses			
	Level 3		Level 4	Level 5
Diploma in Agriculture – Schools of Agriculture or Diploma in Agriculture – Aquinas College	AGI3450	AGM3203	AGI4460	AGW5401
	AGI3552	TAK3237	AGX4356	
	AGM3354	AGI3553	AGW4401	
NDT (Agriculture) or National Diploma in Agriculture (NDA) or Higher National Diploma in Agriculture (HNDA)- Department of Technical Education and Training	AGI3450	AGM3203	AGI4460	AGW5401
	AGI3552	TAK3237	AGX4356	
	AGM3354	AGI3553	AGW4401	
Diploma in Animal Husbandry, Sri Lanka, School of Animal Husbandry, Department of Animal Production and Health, Welisara			AGI4460	AGI5471
HNDT (Agriculture) – Sri Lanka Institute of Advanced Technological Education	AGI3450	AGM3203	AGI4460	AGW5401
	AGI3552	TAK3237	AGX4356	
	AGM3354	AGI3553	AGW4401	
NDT, HNDT, HNDA, and NDA in Agriculture - without training	Exemptions granted for NDT, HNDT, HNDA, and NDA (Agriculture) except AGW4401 & AGW5401			

Qualifications in Textile/Apparel and related disciplines

Qualification	Courses		
	Level 3		Level 4
Certificate in Textile Technology (One year full-time) and Diploma in Technology (Extension Course), Textile Training & Services Centre.	TAX3458	TAX3530	TAX4560
	TAX3331	TAX3459	
	[TAX3370 and TAX4571] or TAX5551		
Certificate in Fabric Technology (Part-time) from the Textile Training and Services Centre.	TAX3530		
Certificate in Textile Dyeing and Printing (Part-time) from the Textile Training and Services Centre.	[TAX3370 and TAX4571] or TAX5551		

Qualification	Courses			
	Level 3		Level 4	Level 5 & 6
Diploma in Textile Technology from the Textile Training and Services Centre.	TAX3458 TAX3459 TAX3370	TAX3331 TAX3530	TAX4571 TAX4560	
Certificate in Textile Colouration and Finishing (Part-time) and Diploma in Textile Colouration and Finishing (Part-time) from the Textile Training and Services Centre.	TAX3458 {TAX3370 and TAX4571} or TAX5551			
Diploma in Clothing Technology, Clothing Industry Training Institute.	TAX3331 TAI3332	TAI3533 TAX3530	TAX4438 TAX4539 TAW4401	TAW5401
Certificate in Garment Production Management (Part-time) from the Clothing Industry Training Institute.	TAX3331			
College Diploma in Clothing Technology and Management (full-time), Brandix College of Clothing Technology.	TAX3530 TAI3332 TAM3234 TAM3535 MHZ3576	TAX3331 TAI3533	TAX4438 TAX4539 TAX4540 TAI4442 TAW4401	TAX5648
Diploma in Textile and Apparel Technology (Full time), Sri Lanka Institute of Textile and Apparel (SLITA) - (Only for the Apparel Production and Management and Fashion Design & Product Development streams)	TAX3530 TAI3332 TAM3234 TAM3535 MHZ3576	TAX3331 TAI3533	TAX4539 TAX4540 TAX4438 TAI4442	TAX5648 TAX5551
Diploma in Textile and Apparel Technology (Full-time after 2015), Sri Lanka Institute of Textile and Apparel (SLITA) - (Only for Apparel production and management stream and Fashion Design and Product Development stream)	TAX3530 TAI3332 MHZ3576		TAX4539 TAX4438	
Diploma in Textile and Apparel Technology (Full time), Sri Lanka Institute of Textile and Apparel (SLITA) - (Only for Textile manufacture stream)	TAX3458 TAX3331 TAX3459 TAX3370	TAM3234 TAM3535 MHZ3576	TAX4539	TAX5648
Diploma in Textile and Apparel Technology (Full-time after 2015), Sri Lanka Institute of Textile and Apparel (SLITA) - (Only for Textile manufacture stream)	TAX3458 TAX3459 TAX3370 MHZ3576		TAX4539 TAX4571 TAX4560 TAX4361	
Diploma in Textile and Apparel Technology (Part-time), Sri Lanka Institute of Textile and Apparel (SLITA).	TAX3530			TAX5551
Diploma in Lanka Institute of Fashion Technology (LIFT) – (Only for the Fashion Design and Product Development Stream)	TAI3270		TAI4474 TAI4373 TAI4371 TAI4472	TAI5375

Qualification	Courses			
	Level 3		Level 4	Level 5 & 6
NDT (Textile) (Old Curriculum-till 2007)	TAX3530	TAX3331	TAX4539	TAX5648
	TAX3370	TAX3530	TAX4571	TAX5551
	TAX3459	TAK3237	TAX4560	
		TAM3234 TAM3535	[Any two of TAW4401 TAW5403 TAW5404 TAW5405] TAW5406]	
NDT (Textile) (Old Curriculum-till 2007) without completion of training	TAX3530	TAX3331	TAX4539	TAX5648
	TAX3370	TAX3530	TAX4571	TAX5551
	TAX3459	TAK3237	TAX4560	
		TAM3234 TAM3535		
NDT (Clothing) (Old Curriculum-till 2007)	TAX3530	TAX3530	TAX4539	TAX5648
	TAX3458	TAI3332	TAX4571	TAX5551
	TAX3370	TAI3533	TAX4540	
	TAX3331	TAK3237	TAI4442	
	TAM3234		TAX4438	
	TAM3535		[Any two of TAW4401 TAW5401 TAW5403 TAW5404 TAW5405 TAW5406]	
NDT (Clothing) (Old Curriculum-till 2007) without completion of training	TAX3530	TAX3530	TAM3535	TAX5648
	TAX3370	TAI3332	TAX4539	TAX5551
	TAX3331	TAX3331	TAX4540	
	TAX3458	TAI3533	TAX4438	
		TAK3237	TAI4442	
		TAM3234	TAX4571	
NDT (Textile and Clothing Technology) – From 2007 to 2021	TAX3458	TAX3530	TAX4539	TAX5648
	TAX3459	TAI3332	TAI4442	TAX5551
	TAX3370	TAX3331	TAX4571	
	TAK3237	TAI3533	TAX4540	
		TAM3234	TAX4560	
		TAM3535	TAX4438	
			[Any two of TAW4401 TAW5401 TAW5403 TAW5404 TAW5405 TAW5406]	
NDT (Textile and Clothing Technology) – From 2007 to 2021 Without completion of training	TAX3458	TAX3530	TAX4539	TAX5648
	TAX3459	TAI3332	TAX4571	TAX5551
	TAX3370	TAX3331	TAX4540	
	TAM3234	TAI3533	TAX4560	
	TAM3535	TAK3237	TAX4438	
			TAI4442	
Diploma in Clothing Manufacture – CITI	TAX3530		TAX4438	TAW5401
	TAX3331		TAX4539	
	TAI3533		TAW4401	

Qualification	Courses exempted			
	Level 3		Level 4	Level 5 & 6
BSc (Eng) Textile and Clothing, University of Moratuwa	TAM3234 TAM3535	TAX3530 TAI3533 TAX3458 TAX3459 TAX3370	TAX4539 TAX4571 TAX4560 TAI4442 AGM4307	CVM5401 DMM6601 TAX5648 [Any two of TAW4401 TAW5403 TAW5404 TAW5405 TAW5406]
Licentiatehip of Textile Institute (LTI) Examination /Associateship of Textile Institutes (ATI) Technology Group Examination	See below for exemptions for individual papers			
Paper 1 in LTI /Paper 1 (e) in ATI – Textile Technology	TAX3530			
Paper 2 in LTI/Paper 2(a) in ATI – Fibre Technology and Textile Science	TAX3458			
Paper 3 in LTI /Paper 2 (b) in ATI – Yarn Technology and Yarn preparation	TAX3459			
Paper 4 in LTI /Paper 2 (c) in ATI- Fabric technology			TAX4560	TAX5648
Paper 5 in LTI /Paper 2 (d) in ATI-Dyeing and Finishing Technology		[TAX3370 and TAX4571] or TAX5551		
Paper 6 in LTI – Textile Testing			TAX4539	
Paper 9 in LTI- Quality Management in Textiles	MHZ3576			
Paper 2 in LTI – Garment Technology	TAX3331			
Certificate in Industrial Studies (OUSL)	See below for exemptions for individual papers			
TTI2631 Yarn manufacture	TAX3459			
TTI2632 Weaving			TAX4560	TAX5648
TTI2633 Textile Chemical processing		[TAX3370 and TAX4571] or TAX5551		
TTI3650 Pattern Making	TAI3533			
Diploma in Technology (Textile Engineering) from the OUSL	TAX3459 TAX3530	TAX3458	TAX4539 TAX4560	TAX5551

B3. Advanced Certificate in Apparel Technology Programme

B3

This programme offers industry professionals the opportunity to deepen their knowledge in the area of specialisation. Admission to the programme requires six passes at the G.C.E. (O/L) examination, including Mathematics and the first language.

The programme is offered in both Sinhala and English media.

Duration

The minimum duration of the Advanced Certificate programme is one year, and the maximum is three years.

Eligibility for Admission to the Programme of Study

An individual seeking admission to the programme leading to the award of the Advanced Certificate in Apparel Technology must meet the following requirements:

- obtained six passes including Mathematics and the first language in the General Certificate of Education (Ordinary Level) Examination, Sri Lanka or,
- secured an equivalent or higher qualification acceptable to the Senate of the University.

Requirements for the award of the Advanced Certificate

The OUSL awards the Advanced Certificate in Apparel Technology to students who complete 30 credits from the courses listed below. Students with relevant qualifications may apply for exemptions from certain courses in the programme. However, to qualify for the Advanced Certificate in Apparel Technology, they must register for and complete at least 15 credits. A list of qualifications eligible for exemptions is on the following page.

Curriculum

Course Code and Course Title	Pre-requisites
TAX2585 Introducing Textiles	None
TAI2886 Apparel Technology	None
TAZ2587 Mathematics and Science for Textile Technology	None
TAI2488 Laboratory Practices and Industrial Exposure	None
TAI2289 Introducing Fashion	None
TAY2690 Advanced Certificate Project	None

For further information about the Advanced Certificate in Apparel Technology programme, please call 0112881310.

Note: Students enrolled in the Advanced Certificate in Apparel Technology programme who wish to pursue the Bachelor of Industrial Studies Honours degree programme in the following year must apply online during the application period and complete registration for the degree programme during the re-registration period.

Exemptions applicable for Advanced Certificate in Apparel Technology Study Programme

Qualification	Courses
<ul style="list-style-type: none"> G.C.E.(A/L) Sri Lanka – Combined mathematics or G.C.E.(A/L) Sri Lanka – Pure mathematics and Applied mathematics or G.C.E.(A/L) Sri Lanka – Physics 	TAZ2587
Certificate in Fabric Technology (Part-time) from the Textile Training and Services Centre.	TAX2585
Certificate in Garment Production Management (Part-time) from the Clothing Industry Training Institute.	TAI2886
Certificate in Garment Industry Management from Garment Industry Management Institute.	TAI2886
Licentiatehip of Textile Institute (LTI) Examination /Associateship of Textile Institutes (ATI) Technology Group Examination - Paper 1 in LTI /Paper 1(e) in ATI (Textile Technology)	TAX2585
Licentiatehip of Textile Institute (LTI) Examination - Paper 2 in LTI (Garment Technology)	TAI2886

B4

B4. Postgraduate Study Programmes and Research Degrees

The Faculty is currently revising its postgraduate programs in alignment with the Sri Lanka Qualification Framework and evolving industry trends. Some of the postgraduate programmes offered include:

- Master of Energy Management (One-year programme)
- Master of Science in Energy for Circular Economy (Two-year programme)
- Master of Science in Industrial Engineering (Two-year programme)

- Master of Science in Structural Engineering (Two-year programme)
- Master of Science in Data Science (Two – year programme)
- Master of Data Science (One - year programme)

The Faculty also offers postgraduate research degrees leading to MPhil and PhD awards. Interested applicants should contact the respective Heads of Departments for the relevant study areas.

Annex 1: Different Methods of Fulfilling the Industrial Training Requirements

Action to be followed by the students	Method		
	Exemption for Qualifications having Industrial training components		(1) Releasement for work experience or (2) Undergoing Training
	For the same disciplines	For different disciplines	
Registration	Not required	Students must register for all required training courses unless exempted. They should follow the instructions provided under “Releasement for Work Experience or Undergoing Training” in the last column of the table.	Required subject to fulfilment of Prerequisites
Application for training/getting releasement	Not required		The application form FET/TRG/01 should be submitted to the Training Engineer after the add/drop period of the current academic year before the deadline the deadline announced.
Request for evaluation	Not Applicable		<p>The students seeking releasement:</p> <p>The application form FET/TRG/07 along with documentary evidence of employment or prior internship should be submitted to the Training Engineer before the stipulated deadline for the current academic year. The qualified learners will then be requested to submit their Work Experience Report.</p> <p>The students who have undergone training courses:</p> <p>The application form FET/TRG/02, the Daily Diary, and the Training Report should be submitted to the Training Engineer.</p>
Final Assessment Method	Not Applicable	Not Applicable	Viva Voce Examination
Overall Assessment Criteria	Not Applicable	Not Applicable	<p>The students seeking releasement:</p> <p>0.5 x Mark for the Training Report + 0.5 x Viva Mark</p> <p>For students who completed training courses:</p> <p>0.1 x Mark for the Daily Diary + 0.4 x Mark for the Training Report + 0.5 x Viva Mark</p>

For further information please the Faculty of Engineering Technology web page <https://ou.ac.lk/industrial-training/>. All application forms and the Industrial Training Guideline (FET/TRG/00) can be downloaded from the given web link.

Annex 2: Information of the English for Academic Purpose (EAP) Programme

1. Composition and pre-requisites for EAP courses

To complete the degree programme, you need to fulfil English Language - Intermediate level requirement.

There are two English levels you need to complete as shown below:

Code	Title	Prerequisite
LTE34TE	Elementary Level – English for General Academic Purpose (EGAP)	None
LTE34TI	Intermediate Level – English for General Academic Purpose (EGAP)	LTE34TE(P)

You can claim exemptions for the compulsory English courses, if you have the qualifications listed in the table below:

Exemption	Minimum Qualification for Exemptions	Exempted Course(s)
Intermediate Level – English for General Academic Purpose (EGAP) Exemption	<ul style="list-style-type: none"> ● Bachelors Degree / Postgraduate Diploma / Masters Degree in English medium ● A Grade for General English in GCE (A/L) ● B Grade for English as a main subject at the GCE (A/L) ● Complete GCE (A/L) Examination in English medium ● English Language Course offered for the National Diploma in Technology (NDT), ● Any Diploma programme offered by the Open University of Sri Lanka in English medium <p><i>Check below for the full list!</i></p>	LTE34TI / LTE34TE
Elementary Level – English for General Academic Purpose (EGAP) Exemption	<ul style="list-style-type: none"> ● B Grade for English at the GCE (O/L) Examination ● C Grade for General English at the GCE (A/L) Examination ● S Grade for English as a main subject at the GCE (A/L) Examination 	LTE34TE

If you do not qualify for any exemption, you need to start at the Elementary level.

If you are exempted only from Elementary level, you need to register for the Intermediate level. With intermediate level exemption you need not register for English at all.

2. Qualifications accepted for exemptions for EAP – Intermediate Level (LTE34TI)

- (1) Bachelors Degree/Postgraduate Diploma/Masters Degree in English medium
- (2) UTEL score of not less than band 6.00 in four skills
- (3) IELTS overall score of at least 5.0 (Academic) or 5.5 (General) with not less than 4.00 in writing.
- (4) TOEFL:
 - Paper-based overall score of at least 450 with 3.5 in writing
 - Computer-based overall score of at least 200 with 3.5 in writing
 - Internet-based overall score of at least 90 and writing score of 20 marks and above
- (5) Complete G.C.E. (A/L) Examination in English medium
- (6) Completion of London A/L (Edexcel or Cambridge)
- (7) National Diploma in Teaching (English), National Collage of Education, awarded by NIE
- (8) Higher National Diploma in English (SLIATE)
- (9) Diploma in English obtained from UGC recognised Non-state Higher Education Institutes
- (10) Diploma in Library and Information Science (English medium) conducted by the Sri Lanka Library Association
- (11) English as a subject at G.C.E. (A/L) Examination **A** Grade for General English in GCE (A/L)
- (12) Diploma in English Language and Literature, and Advanced Certificate in English conducted by the Department of Language Studies, The Open University of Sri Lanka
- (13) The English Language Course offered for the National Diploma in Technology (NDT), Institute of Technology, University of Moratuwa
- (14) Any Diploma programme offered by the Open University of Sri Lanka in English medium
- (15) Any other qualification acceptable to the Senate of the Open University of Sri Lanka

Annex 3: Details of Financial Support Available for Students

Please visit the website <https://ou.ac.lk/scholarships/> for application forms and stay updated on available financial support options.

Various loan schemes are also available for students. For more details Visit the website <https://ou.ac.lk/educational-loans/>.

1. University Bursaries

The Open University of Sri Lanka annually awards University Bursaries to students. The bursary covers 50% of the tuition fee paid by the student in the previous academic year, provided the student meets the eligibility criteria. A student can be awarded a bursary for a maximum of two academic years, at different levels of their study programme. Selection is based on both merit and financial need, with students required to apply.

Eligibility Criteria for the Award of a Bursary

- The student must be registered in a study programme with a minimum duration of two years. However, students progressing from one qualification level to another (e.g., from Certificate to Advanced Certificate, or from Diploma to Degree) may also be considered.
- The student must have completed courses totalling at least 15 credits in the previous academic year and achieved a minimum Grade Point Average (GPA) of 2.0 in final examinations at the relevant level.
- Only the courses contributing to the final award of the programme will be considered in the GPA calculation.
- The student's gross family income must be less than Rs. 500,000/= annually, as certified by a Gramasewaka certificate.
- The student must not have any disciplinary actions taken against them.

2. Open University Enrolment Bursary

The Open University of Sri Lanka offers the "Enrolment Bursary", to economically disadvantaged students during their first year of enrolment. This bursary covers 50% of the tuition fees for the courses registered by the student in their first year. The bursary is awarded only in the first year of registration and will be considered when the second instalment of the tuition fee is due.

A recipient of the Enrolment Bursary may also be eligible to receive either the University Bursary or the Mahapola Scholarship in two subsequent academic years, at different levels of the programme. However, a student awarded a Mahapola Scholarship can only receive a University Bursary in another academic year. Students cannot hold both awards simultaneously.

Students are selected for the Enrolment Bursary based on an application, with selection criteria focusing on financial need and active participation in academic studies.

Eligibility Criteria for the Open University Enrolment Bursary

- The student must be enrolled in a study programme with a minimum duration of two years, starting at Level 3. However, students progressing from one qualification level to another (e.g., from Certificate to Advanced Certificate or Diploma/Degree) may also be considered.
- The student's gross annual family income must be less than Rs. 500,000/=. A Gramasewaka certificate must be provided as proof of income.
- The student must have actively participated in continuous assessments and other compulsory academic activities for the courses they are registered in, up to the date of the bursary evaluation.
- No disciplinary actions should have been taken against the student.

3. University Enhancement Bursary

The University Enhancement Bursary is offered by the Open University of Sri Lanka (OUSL) to encourage degree-level students to complete their courses within a given academic year and finish their degrees on time. The value of the bursary varies depending on how frequently the student meets the eligibility criteria. A student may receive the University Enhancement Bursary up to three times during their academic career at OUSL. Additionally, students who have been awarded a Mahapola Scholarship or the University Bursary are still eligible for the University Enhancement Bursary.

Eligibility Criteria for Award of University Enhancement Bursary

- A student to become eligible for the award of the University Enhancement Bursary s/he should register for a minimum of 27 credits of courses in the first year of registration at the OUSL and complete all the credits s/he registered in the same academic year. However, if a student chooses to register for credits more than 27 credits, s/he shall be required to complete the additional credits s/he has registered to become eligible for the bursary.
- In the subsequent year/s the student shall be required to register for a minimum of 27 credits of courses at the OUSL and successfully complete all the credits s/he registered for in the same academic year. However, if a student chooses to register for credits more than 27 credits, s/he shall be required to complete the additional credits s/he has registered for to become eligible for the bursary.
- A student who fulfils the requirements given in (a) or (b) for the first time will be eligible for an award of a bursary equivalent to 10% of the tuition fee in the next academic year.
- Similarly, a student who fulfils the requirements given in (a) or (b) for the second time will be eligible for an award of a bursary equivalent to 20% of the tuition fee in the next academic year.
- A student who fulfils the requirements given in (a) or (b) for the third time will be eligible for an award of a bursary equivalent to 30% of the tuition fee in the next academic year.
- The bursary amounts awarded to the students as per (c), (d) and (e) above, would be set aside from the tuition fee for the next academic year.

4. Mahapola Scholarships

Mahapola Scholarships are awarded by the Mahapola Higher Education Scholarship Trust Fund to the value of Rs. 8,000/- each towards the payment of tuition fees of courses. The scholarship payments will be made in two installments. The second installment will be paid only if the conduct and academic performance of the student are satisfactory. Mahapola Scholarship shall be awarded only once to a student. A student who has been awarded a University Bursary can be considered for the Mahapola Scholarship only in another academic year. That is, a student shall not hold both the awards simultaneously. Students shall be selected based on an application made by them based on Merit and Need.

Eligibility Criteria for the Award of Mahapola Scholarship

- Student should have been registered for courses at Level four or above in an undergraduate programme

- Student should not be employed or engaged in any other higher educational study
- Student should not have exceeded the age of 30 years on the date of selection
- Student should have sat and attained a minimum Grade Point Average (GPA) of 2.0 in the final examinations of courses adding up to a total of at least 18 credits at the particular Level in the previous year. Only courses considered for the final award of the programme will be taken for the calculation of GPA for the scholarship.
- Parental income ceiling should be equal to or less than Rs, 300,000/-, with the relevant concessions per annum added to the income ceiling, as specified by the U.G.C.

(Current concessions applicable: Rs. 24,000/- per annum per school going sister/brother who is 18 years or under, up to a maximum of three children and Rs. 36,000/- concession per annum per sister/brother following a course in a university but not in receipt of a Mahapola scholarship or a Bursary)

- Students will be required to provide a letter from a Grama Sevaka to certify the annual parental income.
- No disciplinary action should have been taken against the student.

5. Dean's List Awards

The Dean's List Awards consider undergraduate study programmes offered by the faculty. This academic honor is awarded by the university to recognize students who achieve a high-grade point average (GPA) over an academic year. Being on the Dean's List signifies outstanding academic performance and distinguishes students as top achievers within the faculty.

Eligibility Criteria for the Dean's List Award

A student registered in an undergraduate programme offered by the Faculty of Engineering Technology will qualify to be placed on the Dean's List of the relevant academic year, provided that the following criteria are fulfilled.

- Completed a minimum of 30 credits in an academic year with a *Grade Point Average of 3.70 or better, in the first instance of obtaining eligibility to sit the final examinations, and,
- Obtained C grades or above for any credits completed at the final examinations of the relevant academic year (including credits completed over and above the minimum 30 credits considered), and,
- No repeats (F grades) or Re-sits are permitted among the total registered courses in the relevant academic year, however, RX grades are permitted, and,
- No disciplinary action should have been taken against the student.
- *Grade Point Average will be the weighted mean of the Grade Point Values a student earns by completing the final examinations in the relevant academic year (including credits completed over and above the minimum 30 credits considered).

Special benefits to the students

- The Dean's List placement will be noted on the Student's Transcript.
- Each student placed on the Dean's List will receive a Letter of Commendation from the Dean of the Faculty of Engineering Technology.
- A scholarship to the value of 24 credits of courses (tuition fees as relevant to the programme) will be awarded to the top five students placed on the Dean's List of each programme.

Criteria for the Awarding Scholarships for the Dean's List Awardees

- In selecting 24-course credits for the scholarship, the credits should be selected sequentially from higher to lower-level courses.
- In situations where more than five students are eligible for the top five places, all such students shall be awarded the scholarship.
- A student, who has already been awarded any other scholarship or bursary by the OUSL for the relevant academic year, shall not be considered for this scholarship.
- The Dean's List of the relevant academic year will be computed for each undergraduate programme of the faculty after all final examination results of the relevant academic year are released. The Faculty Board will be responsible for approval of Dean's List Awards.
- If and when necessary, the criteria may be amended with the approval of the Faculty Board.

Annex 4: Locations and Contact Information of Regional and Study Centres

The Regional Educational Services (RES) division of the Open University of Sri Lanka (OUSL) plays a pivotal role in supporting the six faculties of the university in delivering their academic programs. The RES oversees a comprehensive network of nine Regional Centres and nineteen Study Centres strategically located across the country. This division is responsible for planning, implementing, and managing all aspects of regional educational services. Contact details of the Regional and Study Centres are given below

Regional Centres

Regional Centre	Address & Contact Person	Telephone
Anuradhapura	Assistant Director Jayanthi Mawatha, Anuradhapura	025-2222871
Badulla	Assistant Director No.18/1 Bandaranayake Mw., Badulla	0552228842, 0553012151
Batticaloa	Senior Assistant Director, 23, New Road, Batticaloa	065-2222264
Colombo	Actg. Assistant Director Nawala, Nugegoda	011-2853930, 011-288128, 011-2881464, 011-2881380
Jaffna	Assistant Director Browns Road, No.303, Kokkuvil, Jaffna	021-2223374
Kandy	Assistant Director Polgolla, Kandy	081-2494083, 081-2494495, 081- 2494496, 081-2494497
Kurunegala	Assistant Director Negombo Road, Malkaduwawa, Kurunegala	037-2223473
Matara	Assistant Director Nupe, Matara	041-2222943, 041-2229782
Ratnapura	Assistant Director Hidellana, Ratnapura	045-2228660

Study Centres

Study Centre	Contact Person & Address	Telephone
Ambalangoda	Regional Officer 80/1, Polwatta Road, Halwathura, Ambalangoda	091-2258585
Ambalantota	Assistant Director Rajasaranagama Road, Lunama South, Ambalantota	047-2225533
Ampara	Assistant Director Inginiyagala Road, Samapura, Ampara	063-2222052

Study Centre	Contact Person & Address	Telephone
Bandarawela	Assistant Director St. Thomas Road, Wewatenna, Bandarawela	057-2222820 057-2223747
Galle	Regional Officer, Labuduwa, Galle	091-2223784, 091-2247564
Gampaha	Regional Officer Gampaha Road, Miriswatte, Mudungoda	033-2234571, 033-2234572
Hatton	Co-ordinator Thondaman Vocational Training Centre, Hatton	051-2225139, 051-2223492
Kalutara	Assistant Director 66/2, Nagoda Road, (Nissanaka Mw Junction), Kalutara South	034-2223286, 034-2223399
Kegalle	Assistant Director Kumaratunga Munidasa Mawatha, Kegalle	035-2222501
Kilinochchi	Assistant Director 155th Mile Post, Kandy Rd, Kilinochchi.	077-7705963, 021-2283970
Mannar	Actg. Assistant Director No. 363, Talaimannar Rd, Mannar.	023-2251999, 077-5625352
Matale	Assistant Director No. 9, MC Road, Matale	066-2058083
Monaragala	Assistant Director Technical College Junction, Sirigala, Potuvil Road, Monaragala	055-2277395
Mullaitivu	Assistant Director Oddusuddan Road, Puthukkudiyiruppu, Mullaitivu	021-2290868
Naththandiya	Actg. Assistant Director Marawila - Nattandiya Rd, Nattandiya	0322060405
Polonnaruwa	Assistant Director 24th Post, Bendiwewa, Jayanthipura, Polonnaruwa	027-2225776
Puttalam	Assistant Director 1/137, Colombo Road, Puttalam	032-2266822
Trincomalee	Assistant Director No. 26/A, Post Office Rd., Trincomalee	026-2222088
Vavuniya	Assistant Director No: 366, Kandy Road, Tekkawaththai, Vavuniya	024-2222995

Annex 5: Important Contact Information

Faculty Office

Assistant Registrar: areng@ou.ac.lk | 0112881283
Personal Assistant to the Dean: 0112881228
Office Staff: 0112881429

Industrial Training Staff

Training Engineer: treng@ou.ac.lk | 0112881223

Department of Agricultural and Plantation Engineering

Head of the Department: Mr. P. K. J. De Mel | pkmel@ou.ac.lk, hdagri@ou.ac.lk
Academic counsellor: Dr. N. S. Weerakkody | nweer@ou.ac.lk | 0714275323

Department of Civil Engineering

Head of the Department: Mr. D. I. Fernando | hdcivil@ou.ac.lk
Academic counsellor: Dr. Chandana Kulasuriya | ckula@ou.ac.lk | 0703593512

Department of Electrical and Computer Engineering

Head of the Department: Mrs. H. Pasqual | hdelect@ou.ac.lk | 011 2881481
Academic counsellor: Mr. I. A. Premaratne | iapre@ou.ac.lk | 077 611 5604

Department of Mathematics and Philosophy of Engineering

Head of the Department: Dr. K. D. N. Kumari | hdmpe@ou.ac.lk | 0112881484
Academic counsellor: Dr. W. A. L. Niwanthi | waniw@ou.ac.lk | 0705959889

Department of Mechanical Engineering

Head of the Department: Eng. H.D.N.S. Priyankara | hdmech@ou.ac.lk, hdpri@ou.ac.lk
Academic counsellor: Dr. B. G. D. Achintha Madhusanka | bgmad@ou.ac.lk | 0716166779

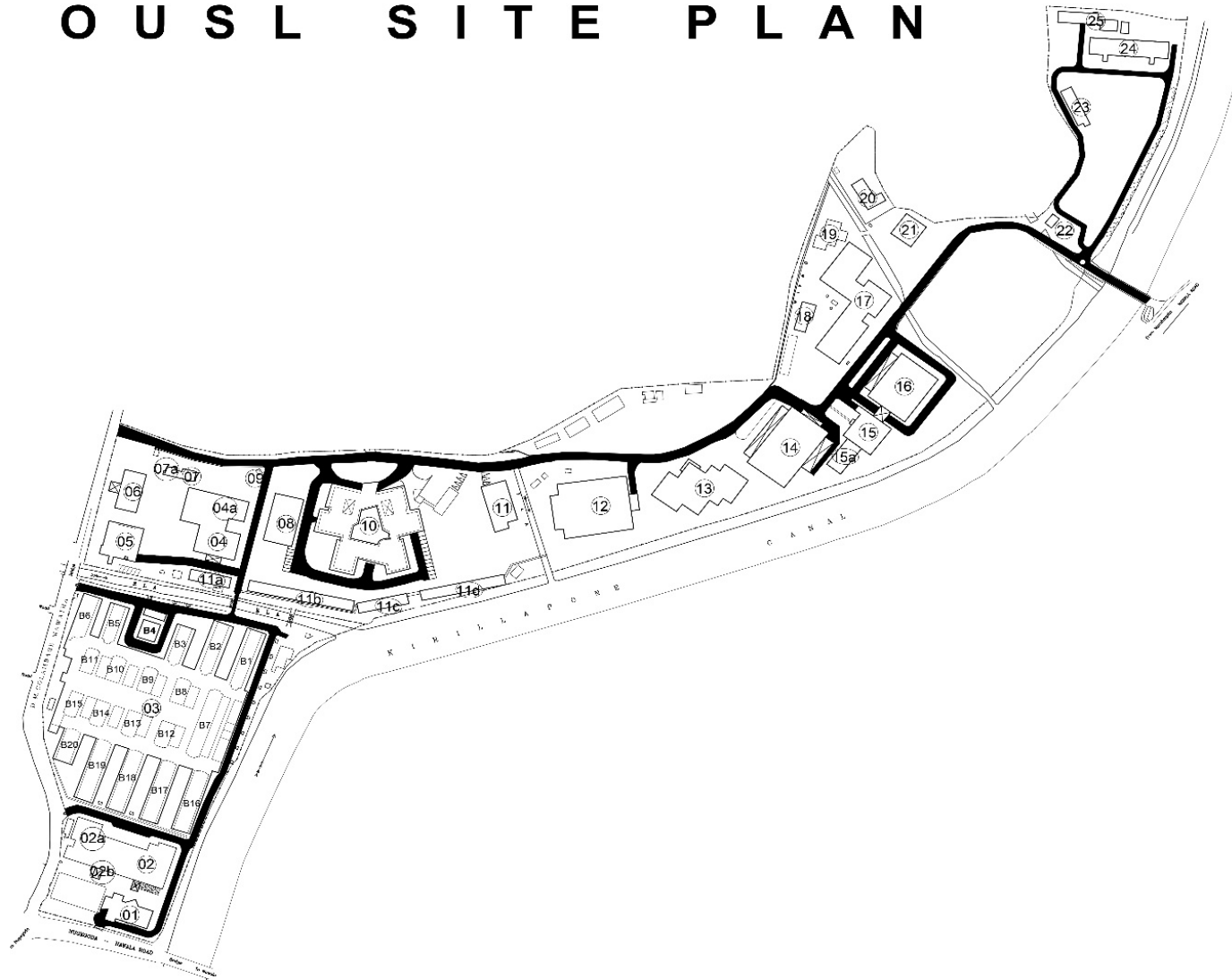
Department of Textile and Apparel Technology

Head of the Department: Prof. C.N. Herath | chera@ou.ac.lk, hdtext@ou.ac.lk | 0112881261
Academic counsellor: Prof. C.N. Herath | chera@ou.ac.lk | 0718248272

IT Help Desk

omishelp@ousl.lk, 0112881055, 0112881378

O U S L S I T E P L A N



- 01: Colombo Regional Centre
- 02: Registration/Course Materials Dispatch Block
- 02a: Stores, 02b: CRC Classrooms
- 03: Blocks 01 – 20
- 04: Printing Press
- 05: Faculty of Education
- 06: Pre-School
- 07: Health Centre, 7a: Daycare Centre
- 08: Automobile Lab
- 09: Shrine Room
- 10: Science and Technology Building
- 11: Exam Hall No. 3 / Conference Hall
- 11a, 11b, 11c, 11d: Exam Halls
- 12: CETMe
- 13: Library
- 14: Faculty of Humanities and Social Sciences
- 15: Senate House, 15a: IT Building
- 16: Administrative Building
- 17: Temporary Residential Facility (Old)
- 18: Staff Development Centre
- 19: Lands and Building Department
- 20: Guest House
- 21: Canteen
- 22: Post Graduate Institute of English
- 23: Exam Hall No. 5
- 24: Temporary Residential Facility (New)
- 25: Exam Hall No. 5

Student Guidebook
2024/25

Faculty of Engineering Technology
The Open University of Sri Lanka