

SECTION 7

AN INTRODUCTION TO STATE UNIVERSITIES AND HIGHER EDUCATIONAL INSTITUTES FUNCTIONING UNDER THE UNIVERSITY GRANTS COMMISSION AND THE COURSES OF STUDY CONDUCTED BY THEM

This section helps you to understand the facilities available in different State Universities and Higher Educational Institutes (HEIs). It will also give a detailed account of the study courses available in all these institutions.

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SECTION 7

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Abbreviations

A/Maths	- Applied Mathematics	O.R. & I.T.	- Operations Research and Information Technology
Basic Elec.	- Basic Electronics		
Phy. Science	- Physical Science	Bio. Science	- Biological Science
P/Maths	- Pure Mathematics	Comp.Sc	- Computer Science
Stat.	- Statistics	Indus.Man	- Industrial Management
Maths	- Mathematics	Stat. & Comp. Sc.	- Statistics & Computer Science
Vet.Science	- Veterinary Science	Mgt. Sc.	- Management Science
F.D.&.P.D	- Fashion Design & Product Development		

M/I : Medium of Instruction

S - Sinhala

T - Tamil

E - English

A - Arabic

UNIVERSITY OF COLOMBO

Course of Study	Subject Combination (Where prescribed)	M/I
Arts	-	S/T/E
Management +	-	E
Law	-	E
Medicine	-	E
Physiotherapy	-	E
Industrial Statistics & Mathematical Finance*	-	E
Biochemistry & Molecular Biology*	Chemistry, Plant Science, Zoology	E
Biological Science *	Chemistry, Plant Science, Zoology	E
Physical Science *	A/Maths, Physics, Chemistry with Computer Science	E
Physical Science *	A/Maths, P/Maths, Chemistry with Computer Science	E
Physical Science *	A/Maths, Statistics, Chemistry with Computer Science	E
Physical Science *	A/Maths, Statistics, Physics with Computer Science	E
Physical Science *	A/Maths, P/Maths, Statistics with Computer Science	E
Physical Science *	A/Maths, P/Maths, Physics with Computer Science	E
Nursing	-	E
Engineering Technology (ET)	-	E
Biosystems Technology (BST)	-	E
Information Communication Technology	-	E
Ayurveda Medicine and Surgery	-	E
Unani Medicine and Surgery	-	E
Primary Education	-	S
Medical Imaging Technology	-	E

+ Faculty of Management & Finance

Overview

In response to the changes in the higher education sector globally and nationally, the Faculty has introduced a new curriculum to its Bachelor of Business Administration Degree programme in year 2009. The overarching goal of this curriculum is to bridge the gap between academic oriented higher education and requirements of the industry to produce university graduates competent in both academic and practical knowledge. In reforming the curriculum, the following objectives were specified.

- To introduce a single faculty – wide Degree Programme with different areas of specialization;
- To transform the character of the degree offering departments into academically specialized service departments;
- To introduce a course unit system;
- To offer elective courses in view of enhancing the breadth and flexibility in learning and;
- To expose students to hands-on practices of the industry.

Bachelor of Business Administration Degree Programme (BBA)

Bachelor of Business Administration is a honours, four-year full-time programme. The Faculty also offers Bachelor of Business Administration Degree in specialized streams such as Accounting, Business Economics, Finance, Hospitality and Leisure Management, Human Resource Management, Marketing and International Business. The curriculum of the Degree Programme is divided into two levels, namely BBA Level-1 and BBA Level - II. Each level is divided further into four (04) semesters respectively and the entire Degree Programme consists of eight (08) semesters. The Level-1 of the Programme (semesters I, II, III and IV) is common to all students of the Faculty irrespective of their prospective area of specialization in Level - II (semesters V, VI, VII and VIII)

Accordingly, the students of the Faculty can read for the following Degree Programmes :

- Bachelor of Business Administration Honours
- Bachelor of Business Administration Honours in Accounting
- Bachelor of Business Administration Honours in Business Economics
- Bachelor of Business Administration Honours in Finance
- Bachelor of Business Administration Honours in Hospitality and Leisure Management
- Bachelor of Business Administration Honours in Human Resource Management
- Bachelor of Business Administration Honours in International Business
- Bachelor of Business Administration Honours in Marketing

A brief description of each Degree Programme is as follows;

Bachelor of Business Administration Honours

This Degree Programme has been designed to provide students with the necessary knowledge, skills and training on different aspects of management and organizations. While providing a sufficient theoretical understanding in the field of management and organization studies, it aims to enable students to analyze contemporary issues in management and organizational activities.

Bachelor of Business Administration Honours in Accounting

Those who are interested in and eligible for reading for Bachelor of Business Administration Honours in Accounting will be trained to analyze business and organizational activities from an accounting perspective, report business/economic affairs to necessary stakeholders, and design, implement and operate management control systems in organizations.

Bachelor of Business Administration Honours in Business Economics

The students specializing in Business Economics will be trained to analyze business phenomena from an economic perspective. Unlike in a traditional degree programme in economics, these students will have the opportunity to study all core management courses. The exposure to various modules in economics will enhance their economic understanding and skills needed to analyze business and managerial situations.

Bachelor of Business Administration Honours in Finance

Those who are interested in and eligible for reading for a Bachelor of Business Administration Honours in Finance will be trained to analyze business and organizational activities from a financial perspective. The Degree Programme will also provide students with an understanding of the wide-ranging implications and opportunities arising from ongoing processes of financial and overall management integration.

Bachelor of Business Administration Honours in Hospitality and Leisure Management

Hospitality and Leisure Management is very prospective area in the world. The economy of Sri Lanka is expecting a significant contribution from this sector. New projects have been commenced for developing hotels as well as tourism and leisure management. Therefore, there is a wider window of opportunity for new employments in the area. This degree programme focuses on developing academically qualified professional managers for driving the industry in view of its potential for employment creation, foreign exchange earnings and promoting inclusive growth.

Bachelor of Business Administration Honours in Human Resource Management

This programme intends to provide participants with the opportunity to understand human resource management as an integral part of overall business of an organization. Further, it would create infrastructure for the participants to acquire the competency to relate Human Resource Management with other functional areas of management.

Bachelor of Business Administration Honours in International Business

This Degree Programme provides students with the opportunity to specialize in international business related studies with the purpose of understanding global perspectives of marketing, accounting, finance, Human Resource Management, economics and law, giving them the edge in an environment where international business practices are being widely carried out. Furthermore, the students can specialize in international business operations keeping their identity as management graduates intact.

Bachelor of Business Administration Honours in Marketing

This programme has been designed to provide students with necessary knowledge, skills, attitudes and training to identify marketing opportunities and to capitalize on them for the betterment of organizations, customers, and society as a whole by integrating and leading all relevant parties within and outside the organization.

Faculty of Medicine

The Faculty of Medicine, University of Colombo offers the Bachelor of Medicine/ Bachelor of Surgery (MBBS) and the Bachelor of Science (BSc) in Physiotherapy in the English medium. Apart from the Bachelor's degrees, the faculty conducts Diploma, Masters and PhD programmes. The faculty has nineteen departments and the teaching staff consists of over 160 permanent members. In addition to the departments, the faculty also has several units related to student teaching, including the Virtual and Distance Learning Centre, the Skills Laboratory/ Simulation Centre, the Audio-Visual Unit, IT Unit and the Language Unit. The faculty's main teaching hospital is the Colombo Group of Hospitals that includes the National Hospital of Sri Lanka, De Soysa Maternity Hospital, Castle Street Hospital for Women and the Lady Ridgeway Children's Hospital. Postgraduate training is provided by the departments and the university teaching units in the Colombo group of hospitals. Several special units have forged ahead in research and these include the Human Genetics Unit, the Diabetic Research Unit, the Parasitic Diseases Research Unit, the Health Systems Research Unit, the Tropical Medicine Research Unit, the Snake Venom Unit, the Animal House, the Rural Health Research Centre, and the Health Development and Research Unit. The faculty hosts two World Health Organization Collaborating Centres, in Occupational Health and Medical Education.

Bachelor of Medicine and Bachelor of Surgery

The degree is offered as a full time study programme and the duration of study is five (5) years. The curriculum is organized in to five streams, namely, Basic Sciences stream, Applied Sciences Stream, Community Stream, Humanities, Society and Professionalism Stream and Clinical Sciences Stream. Until 1995 the MBBS course was on traditional lines, punctuated with the 2nd MBBS and 3rd MBBS examinations and terminated with the final MBBS examination. Clinical teaching was mostly in the tertiary setting of the Colombo group of hospitals. Even within this traditional course, changes were made over the years. In keeping pace with the ever widening horizons of medical knowledge and possibilities, the faculty spearheaded changes in medical curricula in Sri Lanka. In 1995 the MBBS curriculum was changed after six years of planning. The main objectives of the

revised curriculum are to reduce content and quantum of teaching by didactic lectures and instead to make learning more student-centered and integrated. Teaching methods such as Problem-based Learning, small group discussions, debates, inter-disciplinary activities, field attachments and family attachments have been introduced. Training in clinical skills is refined using a dedicated Clinical Skills Laboratory. The student is encouraged by these methods to be a self-learner. Body system-based learning, emphasis on Humanities and Professionalism and the Community are other important features of the curriculum in the faculty.

Bachelor of Science Honours in Physiotherapy

Bachelor of Science Honours in Physiotherapy is a 4-year professional entry level education programme offered by the Department of Allied Health Sciences which aims to develop competent physiotherapist with knowledge, skills and attitude to provide high standards of physiotherapy care and rehabilitation for patients with disabilities to enhance quality of life and movement potential. The course equips the graduates to work in health spares of promotion, prevention, maintenance, treatment/intervention and rehabilitation thus ensuring physical and social wellbeing of needy individuals.

The degree programme is developed on an outcome-based approach and the content arranged in streams with vertical and horizontal integration. The programme incorporates student centered multidisciplinary teaching with early introduction to clinical learning. There is a special emphasis on professionalism, ethics, communication skills and research. The curriculum is periodically changed and revised, with changing knowledge and needs.

*** Faculty of Science**

The Faculty of Science has a credit based modular course unit system. Students follow a suitable combination of compulsory, elective and enhancement courses in pursuing their career goals. **The faculty offers several types of Bachelor of Science degrees programmes in all four streams, i.e. Biological Science, Physical Science, Industrial Statistics & Mathematical Finance and Biochemistry & Molecular Biology.**

- Three year General Degree leading to Bachelor of Science (default)
- Four year Degree leading to Bachelor of Science Honours (“Area of Specialization”) (Selection based on results of first two years)

All students entering the Faculty of Science will also have the opportunity to take courses in Computer Science designed to enhance their knowledge of science. These courses are offered by the University of Colombo School of Computing (UCSC). Selection for the subject combinations for the Physical Sciences will be based on admission criteria currently used by the University Grants Commission. Only one combination is available in the Biological Science, as well as to students in Biochemistry & Molecular Biology, as Biochemistry is no longer offered as a separate discipline in the first two years.

All students entering the Faculty are required to follow the compulsory courses in their selected subject combinations during the first two years. In addition, elective courses may be selected from these subjects. During the third year, an appropriate range of courses will be made available to students enrolled in the 3-year Degree programme, including industrial internships.

Students who excel in the first two years will be given the opportunity to apply for one of many honours degrees offered by the Faculty in basic, inter-disciplinary, applied and industry-oriented fields. All the honours degrees have a research component. Additionally Industrial oriented degrees, have industrial training component.

Shown below is a list of Honours degrees available to students in each stream:

Physical Science: Chemistry, Computational Chemistry, Physics, Computational Physics, Engineering Physics, Mathematics, Computational Mathematics, Applied Mathematics, Statistics, Data Science, Nuclear Medical Science, Information Technology and Management, Electronics and Information Technology, Applied Statistics, Finance and Insurance, Science & Management, Nuclear Technology

Biological Science: Chemistry, Computational Chemistry, Biochemistry & Molecular Biology, Pharmacy, Environmental Science, Zoology, Immunology & Integrative Molecular Biology, Plant Science, Bioinformatics,

Plant Biotechnology, Nuclear Medical Science, Information Technology and Management, Business and Environment, Science & Management, Horticulture & Sustainable Landscaping, Nuclear Technology

[Note that the degrees in Computational Chemistry, Computational Physics, Bioinformatics and Statistics with Computer Science are offered jointly with the UCSC, while the degree in Pharmacy is offered jointly with the Department of Pharmacology, Faculty of Medicine]

Industrial Statistics & Mathematical Finance: Industrial Statistics, Mathematical Finance, Information Technology and Management, Applied Statistics, Finance and Insurance, Mathematics

Biochemistry & Molecular Biology: Biochemistry & Molecular Biology, Chemistry (limited numbers), Information Technology and Management, Molecular Biology & Biotechnology. In addition, **subject** to availability of space, these students may be permitted to enroll in any honours degree available to students in the Biological Science stream.

Faculty of Nursing

The Faculty of Nursing offers a Bachelor of Science degree in Nursing. The objective of this programme is to produce graduate nurses who will be able to utilize a comprehensive range of knowledge, skills and attitudes in caring for patients across the life span of all ages and to prevent disease, promote and restore health and assist in rehabilitation. The degree will operate on a credit based system, comprising of a total of 127 credit hours over a period of four years. The medium of instructions shall be English. The curriculum of the Nursing programme has been developed to be on par with programmes at similar level available internationally. The syllabi have been developed to reflect the latest technologies while ensuring that the students are given a solid foundation on principles of basic sciences and social sciences followed by professional and core nursing courses required to embark on a career in nursing. The course is designed to produce highly skilled nursing professionals to enhance the quality of nursing care, foster nursing education and promote health and research. The curriculum has a high emphasis on the practical component through which students are expected to acquire competencies in the applications of their knowledge in real life situations. The programme also includes concepts of nursing research and evidence based practice with special emphasis on developing critical thinking and problem solving skills. Practice - based learning will take place in several hospitals in and around Colombo and in community settings.

Faculty of Technology

The Faculty of Technology offers Honours Degrees in Bachelor of Technology, each of four year duration worth of 120 credits, in three areas using a credit based modular course unit system. Students are selected for three degree programmes for which the admission is decided by their eligibility requirements specified by the University Grants Commission. These three degree programmes are;

- (1) Bachelor of Engineering Technology Honours in **Instrumentation and Automation**
- (2) Bachelor of Biosystems Technology Honours in **Environmental Technology**
- (3) Bachelor of Biosystems Technology Honours in **Agriculture**

The curricula of the three degree programmes have been designed for the students to obtain a sound subject specific knowledge and a set of skills that enable them to innovate and use technology in their fields of work and to become competent individuals in their career paths. The three degree programmes are of multi-disciplinary nature that enables the students to be converted into technology professionals. The curricula have been developed in order for the students to become complete graduates who not only are the masters of technology but also are conscious of important issues related to the environment, economy and well-being of the people.

Each degree programme consists of:

- General core subjects comprising of Basic Sciences, Mathematics, Basic Technology, Humanities and Social Science, Management & Accountancy and Health and;
- Technology core subjects imparting to the student the knowledge and skills in the technology programme concerned.

In addition, a student will

- undergo training in an industry for a specified period of time and submit a report or
- carry out a research project relevant to the degree programme and submit a comprehensive report.

All students entering the Faculty are exposed to the training in laboratories and workshops in computing, electronics and mechanical engineering to provide hands-on experience to enhance their technological skills.

Faculty of Arts

The Undergraduate Programmes

The Faculty offers a broad-based undergraduate education to its students. The following degree programmes are offered by the Faculty;

- 1. Bachelor of Arts General Degree (Study Streams - three year programme):** Applied Demography; Banking and Finance; Business and Managerial Economics; English Studies; Theory and Practice; Geography and Environmental Management; Culture and Heritage; Conflict Resolution and Peace; Democracy and Governance; Sinhala Studies; Applied Sociological Studies; Urban and Community Studies; Buddhist Studies; Studies in English as a Second Language; Communication and Creative Arts; Applied Islamic Studies; ICT for Development; Sport Studies.
- 2. Bachelor of Arts Honours Degree (four year programme):** Buddhist Studies; Demography; Economics; English; Geography; History; International Relations; Political Science and Public Policy; Sinhala; Sociology.

The degree programmes are conducted in a semester-based system of teaching and continuous assessment of students. Each course is taught and examined within a semester consisting 15 weeks of academic work with 150 hours per course.

The Bachelor of Arts General Degree programme is of three years (six semesters of academic studies) duration while the Bachelor of Arts Honours Degree programmes are of four years (eight semesters of academic studies).

UNIVERSITY OF PERADENIYA

Course of Study	Subject Combination (Where prescribed)	M/I
Arts	-	S/T/E
Law	-	E
Management	-	S/T/E
Medicine	-	E
Dental Surgery	-	E
Veterinary Science	-	E
Agricultural Technology & Mgt.	-	E
Food Science & Technology	-	E
Engineering	-	E
Biological Science	-	E
Animal Science & Fisheries	-	E
Physical Science	-	E
Statistics & Operations Research	-	E
Nursing	-	E
Pharmacy	-	E
Medical Laboratory Sciences	-	E
Radiography	-	E
Physiotherapy	-	E
Geographical Information Science	-	E
Social Work	-	E
Electronic and Intelligent Systems Engineering	-	E

Faculty of Agriculture

Faculty of Agriculture in University of Peradeniya is the first Agriculture Faculty established in 1948 that offers a wealth of academic inheritance accrued over a period of seventy years. Experience and the calibre of academic staff of the faculty is unparalleled. The faculty has 137 permanent academic staff members; nearly about 75% of them hold PhD degrees obtained from the best overseas universities. Approximately, 50% of our academic members are Professors which is a unique situation. The faculty offers its undergraduate programmes through eight Departments of Study. The faculty has well established spacious and convenient modern class rooms with other facilities and state-of-the art laboratories to support a student-centred learning environment. The faculty has also built infrastructure for research and practical training carried out using a problem-based learning approach at the sub-campus at Mahailluppallama (MI), Livestock Field Station, Mawela and Crop Experimental Station, Dodangolla. To support the academic programmes as well as the outreach activities, the Faculty has also established the Agribusiness Centre (AbC), Agriculture Biotechnology Centre (AgBC) and Agriculture Education Unit (AEU). Being the pioneer in University education in Agriculture and allied sciences, the faculty is unique in:

- Offering blended-education to students with knowledge and skills on theory and practice of agriculture and allied sciences, social and economic understanding and career guidance and leadership-building.
- Establishing a healthy staff-student relationship, teacher and course evaluation process by students and student-centered self-learning process with an outcome-based approach.
- Performing activities that help the students to be more integrated, versatile, with positive and critical thinking, group-workers and practical-oriented with effective interpersonal communication skills and socially concerns.
- Offering student exchange programmes in collaboration with world recognized leading universities.
- Providing opportunities to link with international students through well-articulated study abroad programmes offered to world leading universities.
- Providing over 100 students with financial supports and scholarships in each year, on the basis of merit and need.
- Producing graduates who are readily employed with an impressive array of greater professional careers in research in agriculture and related fields, higher education, administration and management in public, private and non- governmental sectors, both within Sri Lanka and overseas.
- Producing sustainable leaders who act as agents of change in the society.

- Upon graduation, our students receive numerous opportunities in the forms of scholarships/assistantships for furthering their higher education up to the PhD level in a wide array of disciplines at highly reputed universities in the US, UK, Canada, Australia, Japan, New Zealand and countries in European Union etc.
- Based on the programme review conducted by the Quality Assurance Council of the University Grants Commission in 2019/2020 year, the Faculty received “A” grades for all its Bachelor of Science degree programmes.

For more details, please visit <http://agri.pdn.ac.lk>

Throughout the history, the faculty has ensured that its curriculum evolves regularly to introduce new frontier developments in agriculture higher education. The medium of instructions of the faculty is English. The English Language Teaching Unit of the faculty offers language training for students through the study programmes. Currently, the Faculty of Agriculture offers three undergraduate degree programs of 4 - year duration:

- Bachelor of Science in Agricultural Technology and Management
- Bachelor of Science in Food Science and Technology
- Bachelor of Science in Animal Science and Fisheries

Bachelor of Science in Agricultural Technology and Management

Bachelor of Science Agricultural Technology and Management degree is the mainstream degree offered by the faculty. The degree is a unique, eight-semester academic package of a minimum of 126 credits. It has been carefully designed to meet the challenges of tomorrow, whilst maintaining the highest standard of academic merit to impart pertinent knowledge and skills in five broad thematic areas, namely (i) crop and animal production, (ii) agro-product processing technologies, (iii) sustainable management of natural resources, (iv) socio-economic development and business management and (v) professional development required to become well rounded graduates. As we believe that being trilingual will open up world of employment opportunities for the graduates, we have also taken initiatives to provide Tamil Language learning opportunities for Sinhalese students and Sinhala Language learning opportunities for Tamil Students in partnership with National Institute of Language Education and Training.

The curriculum of the degree offers a judicious balance of practical (laboratory and field) and theoretical components to enable the undergraduate to discover both the world of science and technology and the world of management. The curriculum of the degree comprises of two main components namely (a) core programme and (b) advanced programme. In the “core programme” students are exposed to subjects offered by all the eight academic departments giving a firm footing as a multi-skilled and a versatile individual. During the “advanced programme” the students can choose a discipline of his/her own liking from among 12 specialization modules offered by the 8 departments. The final semester (4200), is totally devoted to a research project in which students undertake a comprehensive study related to agriculture or allied field. This, of course, is a rare opportunity to rediscover oneself with various other subject areas which one had to opt out when choosing the biology subject stream for his/her GCE (A/L) Examination. This diversity of higher educational opportunities made available through the degree programme have enabled the faculty to turn out top-caliber professionals in a wide array of fields as attested by the key positions held by the alumni, both locally and internationally. Thus, the future of graduates with Bachelor of Science in Agricultural Technology and Management degree is bright and promising. Based on the programme review in 2019/2020, this degree received “A” grade with highest marks for any degree programmes in Sri Lanka.

Bachelor of Science in Food Science & Technology

The Bachelor of Science in Food Science & Technology is an eight-semester degree programme offered in English medium to impart pertinent knowledge and skills on handling and processing of agro food produce, analyzing physico-chemical and sensory properties, ensuring quality and safety of food, enquiring biochemical and functional aspects of food, attending to human nutrition and wellbeing and building up of professional attitudes and confidence for producing talented graduates. These knowledge, skills and attitude are gradually provided through a unique set of theory and practical courses comprising minimum of 126 credit units, by a qualified academic and support staff. Practical courses are delivered using student-centered teaching and learning strategies to ensure self-confidence and hands on experience in well-equipped laboratories and through

food industry exposure. In the final semester, each student undertakes a research project and composes a dissertation under the supervision of academic staff. Upon successful completion of the degree, graduates are capable of making significant contributions to the local and international food sectors and allied disciplines with confidence.

Bachelor of Science in Animal Science and Fisheries

The courses offered for the Bachelor of Science in Animal Science and Fisheries degree programme spread through eight semesters with 128 credits. The programme consists of a blend of subject areas on agricultural technology, product processing, economic and extension in addition to the main subject areas, namely, animal production and management and fisheries and aquaculture. The courses offered during the first 2 semesters of the degree programme are compulsory for all the students. Compulsory courses with certain optional courses are offered during the rest of the six semesters with ample opportunities of self-learning process. The final semester (4200), is totally devoted to a research project in which students undertake a comprehensive study related to livestock, poultry, fisheries and allied disciplines. Students are also given the opportunity to interact with the industry through in-plant training programmes organized in between semesters at least on two occasions in order to provide the experience in real working environment. After successful completion of the degree programme, a graduate will have necessary knowledge, skills and attitudes to pursue a career as an academic, researcher, manager, planner, implementer and entrepreneur in the fields of animal science, fisheries and allied disciplines.

Faculty of Allied Health Sciences

It currently offers five undergraduate Bachelors programmes.

Bachelor of Science in Medical Laboratory Sciences

The university offers a four-year degree (120 credits) curriculum leading to the Bachelor of Science in Medical Laboratory Sciences (MLS) which is a pre-registration degree course. The MLS degree programme provides a sound scientific foundation for medical laboratory technologies enabling the student to develop competencies necessary for the provision of modern quality medical laboratory service with cutting edge technologies, pertaining to the medical laboratory diagnostic tests to the public. The programme is designed further to encourage the students to acquire knowledge in the biomedical fields of relevance by which students will be able to interpret results, understand sources of errors and to solve problems.

Bachelor of Science in Nursing

The university offers a four-year degree curriculum leading to the Bachelor of Science in Nursing which is a pre-registration degree programme. Since the Department of Nursing targets to create compassionate, caring and competent professional nurses who are capable of providing safe and effective nursing care of a high standard in a variety of settings including both hospital setup and the community, the curriculum aims to provide a sound scientific and humanistic foundation for nursing practice, enabling the students to develop knowledge, attitudes and skills necessary for the delivery of nursing care with the aims of prevention of illness, maintenance of health, restoration of health and alleviation of suffering. Therefore, the undergraduate Nursing curriculum has been developed in accordance with international standards and by including a balanced combination of theoretical and practice-based modules making the undergraduates comprehensive on diversified nursing practice such as General Nursing, Midwifery Nursing, Paediatric Nursing, Community Health Nursing etc. either in Sri Lanka or abroad. The programme also emphasizes on developing skills of critical and reflective thinking, problem solving and skills to address professional, moral and ethical issues of nursing practice. As a specific aspect of the degree programme, the concepts of nursing research and evidence-based practice are introduced when the undergraduates advance through the third and fourth academic year. Furthermore, nursing undergraduates would acquire confidence in self-direction for the development of nursing as an independent profession and its evolving contributions to other disciplines of health care. The practice based-learning takes place in a variety of health care and community settings in Sri Lanka. Successful completion of the degree programme will allow students to acquire further postgraduate training in the field of nursing and health care.

Bachelor of Science in Physiotherapy

The university offers a four-year degree curriculum leading to the Bachelor of Science in Physiotherapy which is a pre-registration degree course. The course is designed to produce physiotherapists capable of providing high standards of physiotherapy and rehabilitation in multiple settings, Sri Lanka or abroad. The course equips the students with current concepts and practice in rapidly advancing branches of allied health sciences. These graduates will be able to assess, plan and implement physiotherapy and rehabilitation care of the needy and evaluate outcome. The course will assure safe clinical practice of these graduates and they will be able to acquire further post graduate training in the field of physiotherapy.

Bachelor of Science in Pharmacy

The university offers a Bachelor of Science in Pharmacy degree based on a four year curriculum. This is a pre-registration degree programme that produces graduate pharmacists with theoretical knowledge and practical skills required by pharmacy professionals. The curriculum provides a scientific and service oriented foundation to pharmaceutical science and pharmacy practice disciplines enabling graduates develop competencies required to practice as professionally qualified pharmacists. This programme is designed to produce competent pharmacy professionals necessary for the country to serve in hospital, clinical and community settings, pharmaceutical industries, regulatory affairs and academia. This programme is designed to equip graduates with competent analytical skills and leadership potential. Emphasis will also be placed on developing critical and reflective thinking, problem solving and communication skills to address professional, moral and ethical aspects.

Bachelor of Science in Radiography/Radiotherapy

The university offers a four- year degree curriculum leading to the Bachelor of Science in Radiography which is a pre- registration degree course. Radiographers work in clinical environments using radiation based imaging and therapeutic modalities. This demanding, technical and scientific discipline requires good personal qualities and in return offers a flexible, professional career with a very high level of job satisfaction. Radiography and Radiotherapy are career suited to people with an interest in the application of science and technology in a clinical environment.

Faculty of Arts

The Undergraduate Programme: The Faculty offers a broad-based undergraduate education to its students. The following degree programmes are offered by the Faculty:

- Bachelor of Arts General Degree
- Bachelor of Arts Honours Degree
- Bachelor of Law

The degree programmes are conducted in a semester-based system of teaching and continuous assessment of students. Each course is taught and examined within a semester consisting of 15 weeks of academic work with 45 contact hours per course.

The Bachelor of Arts General Degree programme is of three years (six semesters of academic studies) duration while the Bachelor of Arts Honours degree and Bachelor of Social Work Honours degree programmes are of four year duration (eight semesters of academic studies).

Bachelor of Law

Selection Procedure: As specified in the Section 2.2.8.10 of the University Admissions handbook.

Brief Description of the Programme: This is a four- year Honours degree programme in Law developed according to the course unit system adopted in the Faculty of Arts, University of Peradeniya. In the first year of the study programme, the students will get grounding in foundations of Law and selected Social Science courses. In the second, third and fourth years all substantive areas in Law including Constitutional Law, Family Law, Legal Methods, Criminal Law, Law of Contract, Property Law are covered. From third year onwards

students can specialize in Corporate Law, Human Rights and Environment Law, International Law, Criminal Law or Alternative Dispute Settlement.

Bachelor of Science Honours in Geographical Information Science

Selection Procedure: As specified in the Section 2.2.8.34 of the University Admissions Handbook.

Brief Description of the Programme: This four-year Honours Degree Programme, conducted by the Department of Geography of University of Peradeniya, is organized based on the semester system. This is an ICT based degree programme. The aim of the programme is to produce graduates who will be able to assist the policy makers and planners with their spatial analytical skills. The content of the programme, consists of combination of selected courses from the current Geography honours degree programme, foundation courses conducted by the Faculty of Arts and a set of new courses in Geographical Information Science. Many courses include in-class, laboratory and field work modules to enhance the practical and field skills of students. During the final year, the students are expected to carry out a dissertation and project internship to develop their research/ professional ability.

Bachelor of Social Work Honours

Selection Procedure: As specified in the Section 2.2.1.2 of the University Admissions Handbook.

Brief Description of the Programme: Bachelor of Social Work, a four-year Honours Degree programme offered by the Department of Sociology, is an academic discipline that aims to train generic social work professionals to practice the profession in a variety of practice settings nationally and internationally. It is offered as a multi-disciplinary model across eight semesters with contributions from the disciplines of sociology, psychology, economics, public health and community medicine. Field education is a compulsory component and the students are placed to complete two fulltime, semester-long field practice sessions under the supervision of an experienced practitioner in a public, private or non-government organization in the third and fourth years. The programme prepares students to deliver high quality professional social work practice in line with the international standards of professional social work education.

Bachelor of Arts Honours in Geography degree programme is conducted only in English medium from the second year onward.

Faculty of Management

The Faculty of Management, with its five Departments, offers the following academic programmes leading to the bachelor degrees in honours. All these degree programmes are conducted in semester based Course Unit System and each semester comprises 15 weeks of academic work. The credit weight of each degree programme is 120 and the duration is eight semesters or otherwise four years.

Bachelor of Business Administration Honours

The students who qualify for university admission at the G.C.E. (A/L) Examination in Commerce Stream are admitted to this four year Honours degree programme offered in English medium. The students admitted to the Bachelor of Business Administration Honours degree programme are required to follow one year common academic programme and select their specialization component of three year duration thereafter at their choice and performance in common programme from the below mentioned fields.

- Accounting & Finance
- Human Resource Management
- Marketing Management
- Operations Management
- Organizational Management

Bachelor of Commerce Honours

This joint degree programme is offered in collaboration with the Faculty of Arts. The students admitted to the Faculty of Arts can apply to follow the Bachelor of Commerce degree programme based on their performance in the Management courses offered in the first year. The students can select to follow the Bachelor of Commerce degree programme in Sinhala, Tamil or English medium (Those who wish to follow the Bachelor of Commerce degree programme must obtain the admission to the Faculty of Arts).

Faculty of Dental Sciences

The Faculty of Dental Sciences offers an undergraduate course leading to the Degree of Bachelor of Dental Surgery (BDS). The duration of the course is five academic years. The medium of instructions is English.

Faculty of Engineering

The Faculty of Engineering offers a full time undergraduate programme leading to the Bachelor of the Science of Engineering Honours (BScEngHons). The undergraduate programme is of four years duration. The Faculty follows a course unit system based on semesters of 15 weeks duration. Coursework (laboratory, design and field work) and industrial training are also integral to the undergraduate programme. The degree has been accredited by the Institution of Engineers Sri Lanka (IESL) under the Washington Accord. All students entering the BScEngHons Degree programme follow the common General Programme in Engineering (GPE) during the first year. On satisfactory completion of the GPE students are allowed to enter the Specialization Programme in Engineering (SPE). In the SPE, the students are assigned to one of the six streams of specialization. The assignment is based on the student's preference and performance in the GPE. The following programmes of specialization are available.

- | | |
|-----------------------------------|---|
| i. Chemical & Process Engineering | iv. Electrical & Electronic Engineering |
| ii. Civil Engineering | v. Manufacturing & Industrial Engineering |
| iii. Computer Engineering | vi. Mechanical Engineering |

The General Programme in Engineering comprises compulsory courses common to all students. The SPE comprises courses categorized into three groups of Core, Technical Elective & General Elective courses.

Core Courses are mandatory for all students in the relevant stream of specialization. Technical Elective courses are of a technical nature and give either a deeper understanding of a course relating to a core course or supplementary selected areas. General Elective courses are nontechnical in nature, and would enable the student to gain a broader perspective of his/her role as a professional as well as a responsible citizen.

Faculty of Medicine

Undergraduate Programme

The Faculty offers a medical course leading to the Degree of Bachelor of Medicine and Bachelor of Surgery (MBBS).

The duration of the course is 14 terms spread over a period of around 5 years. The Faculty initiated a revised curriculum termed 'Beyond 2004' as from the year 2005 based on five modules per semester. The Beyond 2004 curriculum of the Faculty of Medicine, University of Peradeniya, incorporates changes suggested by World Federation of Medical Education (WFME) 2003 conforming to the needs and demands of the modern world. This new curriculum was first introduced in year 2005 for 2004/2005 new entrants to the medical school. As opposed to traditional methods of teaching, this new curriculum focuses mainly on early clinical relevance, self-directed learning, professional development and community oriented learning.

The programme constitute the following five streams (during the first 8 semesters).

- **SBM**- Scientific Basis of Medicine- providing the knowledge base to perform the CLM skills
- **CLM**- Clinical Laboratory Management- imparting clinical, laboratory and patient management skills

- **CLR-** Communication, Learning and Research- Improving communication skills, English proficiency, web based learning and Research skills
- **DIS-** Doctor in Society – Empowering doctors role in society in relation to population issues and judicial medicine issues.
- **HCT-** Hospital Community based Training.

Faculty of Science

The Faculty is comprised of eight academic Departments, Botany, Chemistry, Geology, Mathematics, Molecular Biology & Biotechnology, Physics, Statistics & Computer Science and Zoology and two units: Science Education Unit and English Language Teaching Unit. The Degree programmes offered by the Faculty are described in the following Table:

The Faculty provides an excellent study environment to undergraduates with well equipped laboratory, computer and library facilities.

Degree Programme	Duration	Description
<i>B.Sc. General Degree in Science</i>	3 years	Programmes in both Biological and Physical Sciences streams are offered.
<i>B.Sc. Honours Degree in Botany B.Sc. Honours Degree in Chemistry B.Sc. Honours Degree in Geology B.Sc. Honours Degree in Mathematics B.Sc. Honours Degree in Molecular Biology & Biotechnology B.Sc. Honours Degree in Physics B.Sc. Honours Degree in Statistics B.Sc. Honours Degree in Computer Science B.Sc. Honours Degree in Zoology</i>	4 years	A limited number of students is admitted at the beginning of the third year on a competitive basis considering their performance at the 100 and 200 levels. Students offer course units in the subject of specialization and other course units recommended by the relevant Department and also conduct a research project in the final year.
<i>B.Sc. Honours in Applied Sciences</i>	4 years	General degree students are given the option of continuing their study programme in to the fourth year on successful completion of the requirements for the General Degree in Science offering applied and industry related courses and skill development programmes with a 16-week industrial attachment.
<i>B.Sc. Honours in Statistics and Operations Research</i>	4 years	--

All study programmes in the Faculty are conducted on a course unit system within a Two-Semester academic year at four levels, 100, 200, 300 and 400 level. The medium of instruction is English. The Faculty offers a variety of subject combinations designed to provide a high degree of flexibility. However, admission to certain subject combinations may be more competitive than admission to others.

Faculty of Veterinary Medicine & Animal Science

The Faculty of Veterinary Medicine & Animal Science is the only institution that offers undergraduate training leading to a degree in Bachelor of Veterinary Science [BVSc]. This degree programme, offered in the English medium, extends through five academic years (10 semesters). The programme is administered by five academic departments (Departments of Basic Veterinary Sciences, Veterinary Pathobiology, Veterinary Public Health & Pharmacology, Veterinary Clinical Sciences and Farm Animal Production & Health). The five-year curriculum implemented in 2020 adopted the course unit system; as such, the students will receive

a cumulative GPA at the time of graduation. All didactic teaching will be completed by the end of the fourth year while the fifth-year is devoted to lecture-free clinical training. During the fifth year, students will be stationed at the two Veterinary Teaching Hospitals [Companion, Wild and Zoo Animal (VTH- CWZA) and Farm Animal (VTH-FA), the Veterinary Teaching Farm (VTF) or government or privately-owned extramural locations [eight-week externship with two compulsory rosters (commercial livestock and poultry farms) and two elective rosters]. Upon obtaining the BVSc degree, graduates must undertake six months of internship training (administered by the Government Ministry responsible for livestock health and production) prior to registering with the Veterinary Council of Sri Lanka (VCSL) as a veterinary practitioner.

UNIVERSITY OF SRI JAYAWARDENEPURA

Course of Study	Subject Combination (Where prescribed)	M/I
Arts	-	S
Teaching English as a Second Language (TESL)	-	E
Arts - Information Technology	-	E
Biological Science	-	E
Physical Science	-	E
Food Science & Technology	-	E
Physical Science - ICT	-	E
Sports Science & Management	-	E
Polymer Science and Industrial Management	-	E
Management	-	S/E
Management and Public Policy	-	S/E
Commerce	-	S/E
Real Estate Management & Valuation	-	S/E
Business Information Systems (Honours) (BIS)	-	S/E
Medicine	-	E
Engineering Technology (ET)	-	E
Biosystems Technology (BST)	-	E
Information Communication Technology	-	E
Engineering	-	E
Nursing	-	E
Pharmacy	-	E
Medical Laboratory Sciences	-	E
Optometry	-	E
Dental Surgery	-	E
Aquatic Bioresources	-	E
Urban Bioresources	-	E
Computer Science	-	E
Software Engineering	-	E
Information Systems	-	E
Financial Economics	-	E
Creative Music Technology and Production	-	S/E
Music	-	S/E
Social Work	-	E

Faculty of Humanities and Social Science

The Faculty of Humanities and Social Sciences offers programmes of broad-based disciplines to its undergraduate students. The faculty offers degree programmes in both medium, Sinhala and English and uses the Blended Teaching Method (face to face and electronic) to deliver lectures and to conduct assessments. Degree programmes are conducted on a semester- based system of teaching, continuous assessments and end semester examinations. Each course is taught and examined within a semester consisting of 15 weeks of academic work with 45 contact hours per course.

The following degree programmes are offered by the Faculty,

1. Bachelor of Arts Degree (SLQF 5)
2. Bachelor of Arts Honours Degree (SLQF 6)
3. Bachelor of Science Honours Degree (SLQF 6)
4. Bachelor of Social Work Honours (SLQF 6)

The period for General Degree programme is three (03) years and it is four (04) years for the Honours Degree programmes.

General degree programme is offered in the fields of Anthropology, Archaeology, Buddhist Civilization, Business Statistics, Buddhist Philosophy, Buddhist Heritage and Tourism, Chinese, Criminology and Criminal Justice, Dance and Cultural Studies, Economics, English, French, Geography, Geo-Spatial Technologies, Hindi, History, Information Technology, Japanese, Mass Communication, Management and Information Technology, Pali, Philosophy, Psychology, Political Science, Sanskrit, Sinhala, Sociology, Social Work, Social Statistics.

Honours degree programme is offered in the fields of specialization in Anthropology, Archaeology, Buddhist Civilization, Business Statistics, Buddhist Philosophy, Buddhist Heritage and Tourism, Chinese, Criminology and Criminal Justice, Dance and Cultural Studies, Economics, English, French, Geography, Geo-Spatial Technologies, Hindi, History, Information Technology, Japanese, Mass Communication, Management and Information Technology, Pali, Philosophy, Psychology, Political Science, Sanskrit, Sinhala, Sociology, Social Work, Social Statistics.

In addition, the faculty offers following honours degree programmes for a limited number of students admitted through a special window;

- Bachelor of Arts Honours in Creative Music Technology and Production
- Bachelor of Arts Honours in Financial Economics
- Bachelor of Arts Honours in Information Technology
- Bachelor of Arts Honours in Teaching English as a Second Language

Every Undergraduate has to follow compulsory courses in English Language, Society and Culture, Information Technology, Quantitative Analysis and Institutional Awareness and Entrepreneurial Development.

The degree programmes are designed according to the Sri Lankan Qualification Framework (SLQF) and respective subject benchmarks in order to maintain the required academic standard and to attain intended graduate attributes.

Faculty of Applied Sciences

The medium of the instruction of the degree programmes offered by the Faculty of Applied Sciences is English. The basic science subjects namely Chemistry, Physics and Mathematics are offered in English with Sinhala explanations in the first year only. From second year onwards these three subjects are exclusively offered in English Medium. All the other subjects are offered only in English medium starting from the first year.

All students should obtain a pass for a non-credit compulsory English course unit, which is an essential requirement for the degree.

Students for the Food Science & Technology (FST), the Sports Science & Management (SSM), and Polymer

Science and Industrial Management (PSM) programmes are enrolled directly through the University Grants Commission through special windows.

Except for those students who have registered for the honours degree programmes in FST, SSM and PSM all the other students should select a course of study having any one of the following subject combinations which contains three subjects each.

Students are given the opportunity to select subject combinations that consist of the following subjects, which fall under Physical Science or Biological Science streams.

Subject Combination

Biological Science Stream

Code	Subjects	Medium
B 01	Chemistry, Zoology, Physics	E
B 02	Chemistry, Zoology, PBT/PBL/MBL*	E
B 04	Chemistry, EMF, PBT*	E
B 05	Chemistry, Zoology, ARM*	E
B 07	Chemistry, Management Science, PBL*	E
B 08	Chemistry, Zoology, Management Science	E
B 09	Chemistry, Food Science, Biology	E
B 12	Chemistry, Management Science, ARM*	E
B 14	Chemistry, Biology, GMB*	E
B 15	Chemistry, ARM, EMF*	E
B 16	Zoology, ARM, Management Science*	E
B 17	Chemistry, EMF, GMB*	E

* EMF- Environmental Management & Forestry, ARM- Aquatic Resource Management, PBT - Plant Biotechnology, PBL-Plant Biology, MBL - Micro Biology, GMB-Genetics and Molecular Biology.

Physical Science Stream

Code	Subjects	Medium
P 01	Mathematics, Chemistry, Physics	E
P 02	Mathematics, Chemistry, Statistics	E
P 03	Mathematics, Physics, Statistics	E
P 04	Mathematics, Chemistry, Management Science	E
P 05	Mathematics, Physics, Management Science	E
P 06	Mathematics, Computer Science, Statistics	E
P 07	Mathematics, Computer Science, Physics	E
P 08	Mathematics, Statistics, Economics	E
P 12	Mathematics, Applied Mathematics, Computer Science	E
P 13	Mathematics, Physics, Electronic and Embedded Systems	E
P 14	Mathematics, Management Science, Applied Mathematics	E

Common Subject Combinations (Biological Science and Physical Science Streams)

Code	Subjects	Medium
C 01	Chemistry, EMF, Management Science	E
C 02	Chemistry, Physics, Polymer Science & Technology (PST)	E

Bachelor of Science General Degree Programme (90 Credits - SLQF Level 5)

This three year degree programme has been designed, to train undergraduates with general decision making and leadership qualities. In this degree programme, all students are required to follow the core course units relevant to the selected subject areas. In the third year, various applied course units have been introduced in order to cater to science and technology requirements of the nation and the employment prospect.

Bachelor of Science Honours Degree Programmes (120 Credits - SLQF Level 6)

Bachelor of Science Honours in Specializing Field, e.g. Bachelor of Science Honours in Chemistry

The four year degree programmes have been designed for students who wish to become academics, researchers, and professionals in selected subject areas. Students who perform well in their first two years are selected to the four year Honours degree programme in one of the following subject streams.

Chemistry, Polymer Science, Industrial Chemistry, Biology, ARM, Computer Science, EMF, Mathematics, Applied Mathematics, PBL, MBL, PBT, Statistics, Physics and Zoology.

In addition, both FST, SSM and PSM programmes also come under this category.

Extended Degree Programme (120 Credits - SLQF Level 6)

Bachelor of Science Honours in Applied Sciences

The four years Bachelor of Science Honours Extended Degree Programme has been designed for students who wish to join the industry.

Students who perform well in their first three years can join this Honours Degree Programme. In their fourth year they have to follow one of the following subjects and it is compulsory for the students to undergo Inplant Training (Internship/ Industrial research project) in the second semester of the 4th year.

Information & Communication Technology (ICT), PST, Management Science, Economics, Biology, PBT, Mathematics, Statistics, Chemistry, Physics, Computer Science, EMF, ARM and Zoology.

Bachelor of Science in Physics and ICT (PICT) (90 Credits - SLQF Level 5)

Faculty of Applied Sciences offers a degree programme for students who sat Combined Mathematics, Physics and Information and Communication Technology (ICT) at the Advanced Level Examination to continue their studies at the university level through Bachelor of Science General Degree Programme.

As students are following Mathematics and Physics under common programme, they are also eligible to follow honours degree programme in Mathematics or Physics based on their performance.

Students are given the opportunity to select subject combinations that consist of the following subjects.

Code	Subjects	Medium
I01	Mathematics, Physics, ICT	E
I02	Mathematics, Physics, Electronic and Embedded Systems	E

Further details could be obtained from the following web page.

Web: <http://science.sjp.ac.lk>.

Faculty of Management Studies and Commerce

- Bachelor of Science Honours in Business Administration
- Bachelor of Science Honours in Management and Public Policy
- Bachelor of Commerce Honours
- Bachelor of Science Honours in Real Estate Management and Valuation
- Bachelor of Science Honours in Accounting
- Bachelor of Science Honours in Marketing Management

- Bachelor of Science Honours in Human Resource Management
- Bachelor of Science Honours in Finance
- Bachelor of Science Honours in Business Administration in Business Economics
- Bachelor of Science Honours in Operations and Technology Management
- Bachelor of Science Honours in Business Information Systems
- Bachelor of Science Honours in Entrepreneurship

The Faculty of Management Studies and Commerce (FMSC), the pioneer in the field of management education in Sri Lanka, began its revolutionary journey in 1959. Since its inception, it has produced thousands of exemplary scholars and leaders who have excelled in both local and global arenas.

Currently, it is a fully-fledged management faculty consisting of 12 academic departments, with over 250 academic and academic support staff, including over 60 professors, 100 PhD holders who represent all the disciplines in Management. As the *Center of Excellence in Management Education*, FMSC is the most sought after faculty for management education in Sri Lanka. It provides its services to over 5000 internal undergraduates, and over 750 postgraduate students, making it also the largest Management Faculty in Sri Lanka.

The Faculty is guided by its strategic intent to '*Prosper lives through Management Education*' and is committed to produce graduates with the required knowledge, skills, right attitudes and a good understanding of the socio-economic and cultural environment of Sri Lanka, and thereby, capable of contributing to the development of the country and the world at large.

Degree Programmes offered by the Faculty of Management Studies and Commerce

Bachelor of Science Honours in Accounting

Introduced in 1991, the Bachelor of Science Honours in Accounting Degree Programme aims to produce resourceful and technologically sound graduates who are capable of holding managerial positions in Accounting, Financial Management, and related spheres in the public and private sectors, locally and internationally. This degree programme provides extensive coverage of core and peripheral areas in Accounting, including Financial Accounting, Management Accounting, Financial Management, Auditing and Assurance, Taxation, Accounting Information Systems and ERP Systems based on SAP S/4HANA, Computerized Accounting, Accounting and Financial Modeling, Artificial Intelligence and Data Analytics in Accounting, Corporate Governance, Corporate Sustainability Accounting, and Research Skills in Accounting, whilst also focusing on enhancing students' skills, including Leadership, Personal Capacity, and Communication. Additionally, the two-year compulsory internship programme in Accounting and Finance provides students with exposure to apply theoretical knowledge in a practical work setting, thereby enhancing their local and foreign employment opportunities. Students following this degree programme also enjoy many exemptions in examinations conducted by local and international Professional Accounting Bodies.

Bachelor of Science Honours in Business Administration

With an academic history of over 60 years, Bachelor of Science Honours in Business Administration is the pioneering and foremost degree programme in Management Education in Sri Lanka, earning high popularity and recognition among not only the academia but also the student and business community. This programme consists of carefully designed and updated courses which provide the students with the 'knowledge' in Business Management and 'competencies' informed by the expectations and dynamics of the wider society and corporate world. Thus, the programme paves the way for students to be competent leaders who are sensitive to business ethics and socio-economic realities of the dynamic business environment in which they operate. The Bachelor of Science Honours in Business Administration Degree integrates the core and peripheral subject areas in Business Management together with vigorous management training (up to one year as per the students' preference for elective courses), research experience and competency development. The degree programme provides the students with a solid foundation in business management theory and the opportunities to gain experience in business practice, thus exposing them to a range of employment opportunities.

Bachelor of Science Honours in Business Administration in Business Economics

This degree programme was established in 2002 to meet the ever increasing demand for a curriculum that combines Economics and Management disciplines. The aim of this degree programme is to equip students in the management stream with the theory and application of Economics in Business Management while developing their analytical skills, critical thinking, leadership skills, communication skills and teamwork. Students pursuing this degree programme are given greater flexibility by offering four specialization areas namely Banking, Development Studies, International Economics and Business, and Data Science for Economics. This programme consists of highly demanded courses such as Managerial Economics, Project Management, Econometrics, Financial Economics, International Trade and Payments, Monetary Economics, Advanced Economics, Mathematical Economics, Development Economics, Programming in Python, and Big Data Analytics for Economics. Further, the degree programme comprises of compulsory internship training, an independent study in Business Economics and soft skills and communication skills development courses. Upon the successful completion of the degree programme, students are assured of excellent career opportunities in the fields of banking, economic policy and planning, business management, research, finance, insurance, trade and international business. Our graduates are presently employed in both private and public sector organizations, locally and internationally.

Bachelor of Commerce Honours

This degree programme has been prevailing for over five decades since 1973. The objective of the Bachelor of Commerce Honours Degree is to produce graduates equipped with the knowledge, skills and attitudes to meet the challenges of the modern business organizations in the face of stiff competition and turbulent global and local economic environment. A graduate of Commerce should be competent individual who is well proficient in a body of knowledge, including an understanding of broad conceptual and theoretical elements and international perspective in the field they study. Also, a commerce graduate should have the capacity for critical, conceptual and reflective thinking and inquiry including an ability to evaluate and apply underlying assumptions and theories, identifying problems, develop appropriate processes for their solution and apply the processes of strategic decision making. The degree is a programme of four-years duration including an extensive internship for period of six months and a research dissertation in the final year to encompass both knowledge and practical exposure. The curriculum of the Bachelor of Commerce Honours degree provides a carefully blended subject combination in Economics, Accounting, Management, International Trade and Finance, Decision Sciences, E-Commerce, Information Technology, Banking, Insurance and Commercial Law. Also, curriculum is structured around core courses and a choice of elective courses from a wide array of subject areas. The holistic approach in the curriculum enables the graduates to secure managerial and executive positions in local and foreign organizations. The programme is appropriate for those who possess strong determination to be successful in a variety of complex, competitive and dynamic global business environments.

Bachelor of Science Honours in Real Estate Management and Valuation

The Bachelor of Science Honours in Estate Management and Valuation (EMV) Degree is a pioneer land-based profession oriented study programme, which commenced in 1972. This degree provides a challenging and stimulating course of study directly related to the management of land as a factor of production and specializing in areas such as Real Estate Valuation, Real Estate Development and Management, and Urban and Regional Planning. The Programme consists of a combination of lectures, practical exercises and real-world projects which enhance the graduates' ability to manage and analyze complex data, solve problems, effective communication, teamwork, leadership, use of technology, ability to apply theory into practice, build relationships, generate new business and work well with clients, other professionals as well as the general public. The duration of the degree programme is four (04) years including an internship programme and a research project in the final year. The degree programme is accredited by the Institute of Valuers of Sri Lanka (IVSL) and the Royal Institution of Chartered Surveyors- United Kingdom (RICS UK). Those who have completed this degree programme are eligible to obtain the membership of these professional bodies having completed a prescribed post-qualifying professional practice. Successful graduates are in high demand and they can pursue careers in the fields of Valuation, Real Estate Development and Management, as well as

management and administrative positions in private and public sector organizations locally and internationally. Many opportunities are available for EMV graduates to obtain postgraduate qualifications as well. Subject to entry qualifications of the programme, the course is ideally suited for students who favour mathematics, and are willing to learn through practical exposure by extensive fieldwork.

Bachelor of Science Honours in Finance

Introduced in 2001, the Bachelor of Science Honours in Finance Degree provides rigorous and essential financial, quantitative and analytical skills required for professional careers in banking, investments, wealth management, research in finance, and corporate finance etc. It focuses on core finance areas such as corporate finance, investments, financial markets and institutions, and financial technology. It promotes lifelong learning and emphasize on decision-making in line with regulatory, ethical and sustainability standards. The degree requires conducting a research study independently and offers an internship of not less than three months in the finance industry. The programme is affiliated with Chartered Financial Analyst (CFA) where the students are granted with annual scholarships for professional studies. The programme is also recognized for exemptions by professional institutions including CA Sri Lanka, CIMA and ACCA.

Bachelor of Science Honours in Human Resource Management

The Degree introduced in 1994, aims at generating HRM graduates who possess attributes needed to make relevant, significant and unique contributions to human development, institutional development, and their own development. The programme provides the right knowledge, skills and attitudes in respect to seven broad domains of capabilities including the HRM Discipline, General Management, Human Relations, Information Technology, Communication, Personal Management, and Personal Quality Enhancement, so that graduates develop the potential to become efficient and effective professionals in HRM while fostering a passion as well as a mental and physical preparedness for continuous learning and self-development. The degree is a programme of a four-year duration and it includes a compulsory internship in HRM for a period of one year along with an independent research study. This enables the student to acquire a practical exposure in various aspects of HRM in an actual organization, while engaging in a systematic, and/or scientific investigation into an HRM phenomenon. It instructs the student on morality enhancement, ethical and social performance, natural environment enhancement, and self-management. The programme has been designed to develop competent graduates in HRM to work as executives, managers, consultants, leaders, administrators, trainers, teachers, and academics in HRM and related fields. This programme is appropriate for those who possess ability and motivation to become real HRM catalysts (who cause to establish suitable HRM in industries) and professionals who are drivers of providing all the organizations with appropriate and contented workforces that offer maximum individual and collective contribution towards organizational success and sustainability.

Bachelor of Science Honours in Marketing Management

The Bachelor of Science Honours in Marketing Management Degree Programme was initiated in 1994 with the aim of satisfying local and global corporate sector expectations by providing a deep, coherent and extensive knowledge in marketing and related disciplines coupled with an appreciation of the contribution of research to the discipline, and practical exposure. The programme is precisely designed, featuring a well-balanced combination of mandatory and elective courses. These courses span various facets, including knowledge, skills, attitudes, values, and professionalism, all tailored to enhance learning outcomes specifically geared towards advancing in specialized career paths within the field of marketing. This degree programme provides a vibrant learning environment equipped with state-of-the-art facilities and a team of highly qualified academic staff, wherein students are nurtured to evolve into innovative, creative, and proactive change agents within society. Upon completing the degree, students will be molded to contribute value to both organizations and society as a whole.

Bachelor of Science Honours in Management and Public Policy

This degree programme aims at producing dynamic graduates with relevant theoretical and practical knowledge, skills, and attitudes that enable them in excelling as managers and administrators in public, private, and

non-government sector organizations locally and globally. This is a four-year degree programme constitutes a blend of subjects which are interdisciplinary and multidisciplinary. The degree programme includes a research component designed to develop students' independent critical thinking and practical training module (Internship) to provide students with the required managerial skills. The medium of instruction of the degree programme is bilingual (Sinhala and English) in the first and second years whereas only in English medium in the third and fourth years. The degree programme is designed for students who are aspiring to work across a variety of sectors with diverse roles and responsibilities as to make a positive change in society.

Bachelor of Science Honours in Business Information Systems

The Bachelor of Science Honours in Business Information Systems Degree Programme introduced in 2001 aims at producing a technologically sound futuristic graduate who possess a high level of knowledge in both Management and Information Technology domains. This programme remains unique since it is the foremost and sole degree of its kind, which combines a specialized exposure of Information Technology for Management education. The programme consists of sensibly integrated compulsory and elective subjects which cover knowledge, skills, attitudes, values, professionalism, and 'mind-set and paradigm' based learning outcomes including essential soft skills and skills needed to perform in digitally enabled working environment. In order to do so, students are exposed to theoretical knowledge as well as practical experience in Management, Information Systems and Information Technology. The degree is a programme of four-year duration including an Information Systems development research project or Information Systems related research study in addition to an internship that extends to a period of six months exposing students to the practical realities of global economy. On completion of the degree, graduates are capable of securing positions in managerial and executive capacities in both local and foreign, public or private sectors. Graduates hereby can also operate in entrepreneurial capacities initiating novel business avenues in software development industry. The programme is appropriate for those who possess strong enthusiasm to become dynamic, creative and versatile business professionals, leaders and change agents with an interest to Information Systems and Information Technology.

Bachelor of Science Honours in Operations and Technology Management

The Bachelor of Science Honours in Operations and Technology Management is a pioneering degree programme that trailblazed the introduction of the timely and highly sought-after degree in 2008. This programme is designed to prepare graduates for pursuing diverse careers, including operations managers, quality managers, supply chain managers, business analysts, and business consultants.

Covering a broad spectrum of subjects, the programme delves into operations management, supply chain management, service management, quality management, technology management, operations system design, business analytics, and operations research. Additionally, the degree programme covers other management-related subjects such as accounting, finance, human resource management, marketing, and economics as well. Several personality and skill development subjects are also offered under the degree programme. To prepare the graduates for the world of work, they are encouraged to pursue an internship during their final year of study.

This programme is designed to provide graduates with an opportunity to develop their analytical skills and information technology skills as well. To provide the graduates with these skills, the Department of Decision Sciences is well-equipped with a fully-fledged computer center featuring the latest software. The department has developed a close relationship with a number of leading companies in Sri Lanka, and the resource center of the department conducts much research in collaboration with industry partners.

The holistic approach to teaching includes lectures, field visits, outbound training programmes, and industry-academia collaborations. This comprehensive curriculum ensures that graduates are not only well-versed in theoretical knowledge but also gain practical insights through hands-on experiences, preparing them for success in the dynamic field of Operations and Technology Management.

Bachelor of Science Honours in Entrepreneurship

The Bachelor of Science Honours in Entrepreneurship degree is a unique programme among the rest. It addresses and facilitates the global trend of economic and societal sustainability. This programme aims at producing potential business entrepreneurs and managers who can nurture new and existing business ventures with an entrepreneurial spirit. The programme imparts knowledge mainly on the two streams, Business Management and Entrepreneurship and integrates knowledge, skills, attitudes and mind set based learning outcomes to mould graduates who are competent to win the global business world. Moreover, this four-year study programme includes a compulsory internship wherein students with an interest in starting their own ventures are directed to pursue that path, while students with an interest in becoming entrepreneurial managers are directed to receive internship in the capacity of a management trainee in a corporate. The programme also requires students to undertake a research dissertation, blending theory and practice. Most importantly, this programme fosters self-confidence, creativity, risk taking, unyielding efforts, resilience, “can do” attitudes, a visionary outlook, opportunity exploitation, social consciousness, intuition and pro-active strategies which ultimately equip students to develop entrepreneurial thought and capacity. Thus, graduates have great potential to create jobs for others while securing their position as proud Sri Lankan entrepreneurs. Individuals with an interest of becoming business entrepreneurs in their own business and professional managers with entrepreneurial competencies (corporate entrepreneurs) to drive corporates towards productive changes are best suited for this programme.

Faculty of Medical Sciences

The Faculty of Medical Sciences, University of Sri Jayawardenepura, established in 1993, offers the Bachelor of Medicine and Bachelor of Surgery (MBBS) and Bachelor of Science Honours in Human Biology in English medium.

The faculty has seventeen departments and the teaching staff consists of over 103 permanent members. In addition to the departments, the faculty also has several units related to student teaching, including the IT and Language unit and Skills Laboratory. The faculty’s main teaching hospitals are Colombo South Teaching Hospital, Sri Jayawardenepura General Hospital, Homagama Base Hospital and Apeksha Hospital Maharagama. Postgraduate training is provided by the departments and the university teaching units in the Colombo South Teaching Hospital. It is a WFME accredited medical faculty.

MBBS Degree

The MBBS Degree is offered as a fulltime study programme and the duration is five years. Each academic year of the programme has three terms which consists of 10 weeks each. The course is divided into three phases. Clinical training commences in the third year of study and the final year is almost entirely hospital based. The medium of instruction of the entire programme of study is English.

Bachelor of Science Honours in Human Biology

The Bachelor of Science Honours in Human Biology degree programme is offered to students who have completed the first year of study in the field of Bio-Science at Faculties of Science recognized by the UGC. Only students who have obtained a “B” grade or higher on average can apply for this course. The medium of instruction for the entire programme of study is English. Students can proceed in one of the following fields of specializations of the study programme; Anatomy, Biochemistry, Food and Nutrition, Immunology and Microbiology.

Faculty of Technology

The Faculty of Technology of the University of Sri Jayawardenepura, established in 2016, is the first Technology Faculty in Sri Lanka after the introduction of the Technology Stream to the General Certificate of Education Advanced Level (G.C.E. A/L) examination. Thus far, the Faculty of Technology at the University of Sri Jayawardenepura has been at the forefront of technology-based education, research, and innovation. The Faculty is fully committed to harnessing the talents of the Sri Lankan youth, capturing the advantage of

Technology in the emerging disciplines and driving the economy sustainably by providing knowledge and competencies that satisfy society's needs.

The Faculty of Technology currently offers three bachelor's degrees at the interfaces of engineering, and applied sciences. All three programmes are four-years Honours degrees with a minimum of 120 academic credits. The medium of instruction is English. Upon enrolling in a degree programme, students work toward the degree in one technology-focused discipline, exploring their specific interests. The degree programmes and the respective disciplines offered under each degree are listed below:

Bachelor of Biosystems Technology (BBST) Honours Degree

- Agriculture and Environmental Technology
- Food Processing Technology
- Industrial Biosystems Technology

Bachelor of Engineering Technology (BET) Honours Degree

- Automobile Technology
- Construction and Building Services Technology
- Energy and Environmental Technology
- Geotechnology
- Mechatronics Technology
- Polymer Processing Technology

Bachelor of Information and Communication Technology (BICT) Honours Degree

- Multimedia Technology
- Network Technology
- Software Technology

All curricula are unique combinations of academic theory and industry-oriented application along with a comprehensive six-month career-based internship and one-year research and design project, guiding students to excel academically and professionally. The Faculty is well-equipped with cutting-edge tools and technologies, state-of-the-art instrumentation, fully-fledged laboratories and workshop facilities, providing Technology graduates with hands-on experience, analytical and problem-solving, and entrepreneurial skills and preparing them for a broad spectrum of current and future career fields locally and globally.

Faculty of Engineering

Bachelor of the Science of Engineering Honours Degree Programme

The Bachelor of the Science of Engineering Honours (BScEngHons) degree offered by the Faculty of Engineering is a full time undergraduate degree programme with course duration of four (4) academic years. Students will be admitted to the degree programme under the category of Engineering. The programme also consists of a 24 weeks long industrial training programme. Students will be selected to four (4) fields of specialization ('Core') based on their preference and performance at the end of the common curriculum. The core fields of specialization are:

- (i) Civil Engineering
- (ii) Computer Engineering
- (iii) Electrical and Electronic Engineering
- (iv) Mechanical Engineering

Curricular for all fields of specialization are carefully designed to provide balanced workload of academic activities conforming to national and international standards for engineering education.

Further details on curriculum, focus areas and minor areas could be obtained from the following web page.

Web: <http://eng.sjp.ac.lk/>

Faculty of Allied Health Sciences

Bachelor of Science in Nursing Degree

The Bachelor of Science in Nursing is a 120 credits course with each academic year consisting of three 10 weeks terms. Hospital based clinical training in nursing commences from the first year onwards. The medium of instructions for the whole course is English.

Bachelor of Science in Medical Laboratory Sciences Degree

The Bachelor of Science in Medical Laboratory Sciences is 120 credits course with each academic year consisting of three 10 weeks terms. Hospital based laboratory training commences from the second year and the course includes a research project. The medium of instructions for the whole course is English.

Bachelor of Science in Pharmacy Degree

The Bachelor of Science in Pharmacy degree programme is a course of 120 credits with each academic year consisting of three 10 weeks terms. The degree course includes teaching, practical classes and research project as well as an in-course industrial training provided through state sector organizations. The medium of instruction for the entire programme of study is English.

Faculty of Dental Sciences

Bachelor of Dental Surgery (BDS) Degree

The Bachelor of Dental Surgery degree programme is a course of five years duration with each academic year consisting of three 10 weeks term. The curriculum delivery is integrated, system based and is divided into three phases, Phase I, Phase II and Phase III. Phase I comprises of four main subjects, learning the normal structure and function of the human body together with the medical students of Faculty of Medical Sciences. Phase II consists of para clinical subjects, learning the various diseases affecting the human body and related abnormal bodily structure and function in each condition and they also learn Community Dentistry and Dental Materials. Phase III comprises the final part I and part II during which the Clinical Dentistry is learned. During part I the students will learn and develop skills in eight main subject areas in Dentistry. During the final year, comprehensive advanced patient management with familiarization of treatment protocols will take place. The medium of instruction for the entire programme of study is English.

Faculty of Urban and Aquatic Bioresources

The Faculty of Urban and Aquatic Bioresources is the latest addition to the University of Sri Jayewardenepura. The Faculty plans to produce professionally qualified graduate and postgraduate work force that our country needs to face the challenges that lie ahead for a much-needed bio economy with a special emphasis on the blue-green concept.

Four full-time Bachelor of Science (BSc) degree programmes are offered by the Faculty namely,

- Bachelor of Science in Aquatic Bioresources
- Bachelor of Science Honours in Aquatic Bioresources
- Bachelor of Science in Urban Bioresources
- Bachelor of Science Honours in Urban Bioresources

Students who have successfully passed the G.C.E (Advanced Level) in Biology stream are eligible to apply for the above degree programmes.

The medium of instruction is English. The courses comprise of 90 and 120 academic credits at level 5 and level 6 of the Sri Lanka Quality Framework (SLQF) for the Bachelor of Science and Bachelor of Science Honours degree programmes, respectively.

While the Bachelor of Science degree programme offered by the Faculty of Urban and Aquatic Bioresources consists of six semesters, the Bachelor of Science Honours degree programme carries eight semesters, with 15 weeks of study in each semester. The Bachelor of Science and Bachelor of Science Honours degree programmes comprise of an industrial training and field visits, which align with the course-modules taught. Moreover, the Bachelor of Science Honours degree programmes consist of a research project in the final year.

The key areas of the degree programmes in Aquatic Bioresources are:

- Mariculture
- Seaweed production
- Aquatic Animal Health
- Biotechnology in Aquatic Bioresources
- Smart Aquaculture
- Ornamental Fish Culture and Breeding
- Fish Feed Technology

The key areas of the degree programmes in Urban Bioresources are:

- Green Buildings and Sustainable Urban Development
- Urban Forestry and Wildlife
- Urban Livestock Production
- Biotechnology in Urban Bioresources
- Urban composting, Soil and Fertilizer Management
- Bonsai and Bottle Gardening
- Smart Farming and Farming in Controlled Environments
- Bioenergy, Engineering aspects of Urban Agriculture

Furthermore, undergraduates of all degree programmes are provided with knowledge and training on essential fundamentals such as Analytical Instruments, Entrepreneurship and Business Development and Information Technology to become successful in their field of study.

Faculty of Computing

Bachelor of Computing Honours Degree Programmes

The Bachelor of Computing Honours degrees offered by the Faculty of Computing are full time Undergraduate degree programmes with a course duration of four years. Students will be admitted to the degree programmes under three main sub disciplines of computing. The programmes consist of eight (8) semesters of study. Each semester will span across a period of 20 weeks, including the time allocated for examinations and evaluation of students.

The sub disciplines of honours degree programmes offered by the Faculty of Computing are;

- i. Bachelor of Computing Honours in Computer Science
- ii. Bachelor of Computing Honours in Software Engineering
- iii. Bachelor of Computing Honours in Information Systems

These study programmes and sub disciplines have been designed adhering to the highest international standards recommended by the University Grants Commission. These programmes also consist of a research project and an industrial training of a minimum of 20 weeks.

UNIVERSITY OF KELANIYA

Course of Study	Subject Combination (Where prescribed)	M/I
Medicine	-	E
Speech and Hearing Sciences	-	E
Occupational Therapy	-	E
Arts	-	S
Peace and Conflict Resolution	-	E
Management	-	E
Commerce	-	E
Management and Information Technology (MIT)	-	E
Biological Science	-	E*
Physical Science	-	E*
Environmental Conservation & Management	-	E
Translation Studies	-	E/S
Software Engineering	-	E
Film & Television Studies	-	S
Engineering Technology (ET)	-	E
Information Communication Technology	-	E
¹ Physical Science - ICT	-	E*
Applied Chemistry	-	E
Electronics and Computer Science	-	E
Teaching English as a Second Language (TESL)	-	E
Computer Science	-	E
Financial Engineering	-	E
Accounting Information Systems	-	E
Sports Science	-	E*
Biosystems Technology (BST)	-	E

¹ Degree programme is offered as B.Sc. in Physics and Electronics.

* The courses during the 1st Semester of the 1st year are conducted in Sinhala / English and from the 2nd Semester onwards courses are conducted in English.

Academic programmes of the University of Kelaniya operate on a ‘Course Unit System’, i.e. a modularised credit based system within a two-semester academic year with end-of-course examinations. It offers a variety of course combinations designed to provide maximum possible flexibility in the choice of subjects. A course unit is a subject module, which has a credit value. A credit is a time based quantitative measure used in calculating the grade point average. The course modules are organized at four levels, namely level 1, level 2, level 3 and level 4.

The degree students at the University of Kelaniya are required to follow the course modules of levels 1, 2 and 3. Three subject combinations with optional and/or auxiliary course units or two subject combinations with optional and/or auxiliary course units are available. In addition, all students should follow all compulsory course units in a particular subject stream. A student may take course units up to a maximum of 6 credits with not more than 2 credits per semester from other Faculties. A student is required to take course units amounting to a minimum of 30 credits each year.

The Bachelor’s degree in Arts at the University of Kelaniya is conducted jointly by the Faculties of Humanities and Social Sciences. Upon registration at the University of Kelaniya the students will be selected to both these faculties based on their subjects taken and the z-score obtained at G.C.E. (A/L) Examination. It is compulsory for a student to follow a minimum of two subjects for the Bachelor of Arts degree programme from the assigned Faculty.

Faculty of Humanities

The following subjects are offered by the Faculty of Humanities for the Bachelor of Arts and Honours Degree Programme.

Department of English	- English
Department of Modern Languages	- French, German, Japanese, Russian, Chinese, Korean, Spanish
Department of Pali and Buddhist Studies	- Pali, Buddhist Philosophy, Buddhist Culture, Buddhist Psychology
Department of Western Classical Culture & Christian Culture	- Western Classical Culture (Studies related to ancient Greece and Rome and modern reception), Christian Culture (Studies related to Christianity and its culture)
Department of Fine Arts	- Visual Arts & Design (Painting & Graphic), Performing Arts - Dancing, Performing Arts - Music (Hindustani and Western)
Department of Drama, Cinema and Television	- Image Arts (Photography), Film & Television Studies, Drama & Theatre
Department of Linguistics	- Linguistics, Tamil as a Second Language (TASL)*, Translation Methods*
Department of Sanskrit and Eastern Studies	- Sanskrit, Vasthusastra, Hinduism
Department of Sinhala	- Sinhala, Literary Criticism
Department of Hindi	- Hindi
Department of English Language Teaching	- Teaching English as a Second Language (TESL)

*** Tamil as a Second Language and Translation Methods are offered only for the Bachelor of Arts Degree Programme.**

The following pre-requisites should be fulfilled in order to follow the subjects offered by the Faculty of Humanities.

- † A minimum grade of “S” or above for the relevant subject at the G.C.E. (A/L) Examination is required to follow Performing Arts (Music/ Dancing).
- † Either a minimum grade of “S” for the English Language and Literature at the G.C.E. (A/L) Examination **OR** a pass in the qualifying examination conducted by the Department is required to follow English.
- † Either a minimum grade of “S” or above for French and Japanese at the G.C.E. (A/L) Examination **OR** a pass in the qualifying examination conducted by the Department is required to follow French or Japanese.
- † The qualifying examination conducted by the Department has to be passed to follow Translation Methods and Tamil as a second language.
- † A minimum grade of “S” or above for English Language at the G.C.E. (A/L) Examination, to follow TESL.

There are no pre-requisites for the other subjects offered by the Faculty of Humanities.

Faculty of Social Sciences

1. **Bachelor of Arts** (Three years) - Anthropology, Archaeology, Development Studies, Economics, Geography, History, International Studies, Library and Information Science, Mass Communication, Philosophy, Political Science, Psychology, Public Relations & Media Management, Social Statistics, Sociology, Sports and Recreation Management, and Tourism and Cultural Resource Management.
2. **Bachelor of Arts Honours** (Four years) are offered in all the subjects mentioned in the above point 1, except Anthropology.

Development Studies and Geography degree programmes are conducted in Sinhala and English medium.

3. ***Bachelor of Arts Honours in Peace and Conflict Resolution*** - Those who have fulfilled the minimum requirements for university admission, having done any three subjects at the G.C.E. (A/L) Examination, are eligible to apply for the 4 year Degree in Bachelor of Arts Honours. This degree programme is conducted in English medium.
4. ***Bachelor of Arts Honours*** in International Studies is conducted in English medium.

Pre-requisites to follow the subjects offered by the Faculty of Social Sciences are as follows.

1. The pre-requisite to follow Social Statistics is a minimum of a 'C' pass for Mathematics at the G.C.E (O/L) Examination.
2. To follow Geography, 'S' pass is required for the relevant subject at the G.C.E (A/L) Examination.

There are no pre-requisites for the other subjects offered by the Faculty of Social Sciences.

The Faculty of Humanities and Faculty of Social Sciences offer the Degree in Bachelor of Arts of which the duration is three academic years and the Degree in Bachelor of Arts Honours which is of four academic years duration. One academic year comprises two academic semesters and an academic semester is a period of 15 weeks. Both Bachelor of Arts and Bachelor of Arts Honours degrees are based on the course unit system. A course unit is a component of a subject which amounts to some credit value. A student should obtain a precise number of credits in order to complete the Bachelor of Arts Degree. The students can select the course units which contain the required number of credits. The student can follow either the Three Subject Course or Two Subject Course to complete the Bachelor of Arts Degree. In addition to the compulsory units of the subject combination, the students have the opportunity to select some other course units offered by the Faculties of Humanities, Social Sciences, Commerce and Management Studies and Science. The students should obtain high marks at the 1st year examination to follow Bachelor of Arts Honours Degree.

Faculty of Commerce and Management Studies (FCMS)

Faculty of Commerce and Management Studies of the University of Kelaniya offers four years Bachelor's Honours degree programmes for selected students who have followed the Commerce stream in the G.C.E. (Advanced Level). The programmes offered are Bachelor of Commerce Honours Degree, Bachelor of Business Management Honours in Human Resource, Bachelor of Business Management Honours in Accountancy, Bachelor of Business Management Honours in Marketing, Bachelor of Business Management Honours in Digital Marketing, Bachelor of Business Management Honours in Finance, Bachelor of Business Management Honours in Banking and Finance, Bachelor of Business Management Honours in Insurance and Finance, and Bachelor of Business Management Honours in Financial Engineering. Students who are selected to study commerce programme are directly diverted to the Department of Commerce & Financial Management while Management students are selected for the courses conducted by other Departments on the basis of their Z score, preference and the area from which they entered the University.

Bachelor of Commerce Honours

Modern business organizations are heavily influenced by information technology, which is drastically converting traditional business processes into E-Business, E-Commerce, E-Finance, E-Marketing and Enterprise Resource Planning (ERP) systems. Bachelor of Commerce Honours is designed to produce a professionally competent graduate with the knowledge, skills and attitudes to face the managerial challenges in such modern business organizations and recognize the opportunities to start their own businesses. In order to develop the students in diverse areas of the contemporary business world, the department has introduced four (04) study programmes namely;

- Bachelor of Commerce Honours
- Bachelor of Commerce Honours in Entrepreneurship
- Bachelor of Commerce Honours in Business Technology
- Bachelor of Commerce Honours in Financial Management

The first year is common for all four degrees, and the students are given the opportunity to specialize in their desired stream from the second year onwards. With the commencement of the second year, the department

segregates students into respective degree streams based on the predetermined methodical selection criteria. The syllabuses of the degree programmes are revised every four years. Further, all degree programmes are conducted in English medium. In the final year, students are required to undergo practical training based on the study area they have selected, and they will be exempted from daytime lectures.

Bachelor of Commerce Honours

Bachelor of Commerce Honours has been designed in a manner that encompasses a vast area of the field of commerce. This course provides practical and theoretical knowledge related to the field of commerce and management and it creates professionals in the business industry, who have the ability to compete locally and internationally.

Bachelor of Commerce Honours in Entrepreneurship

Bachelor of Commerce Honours in Entrepreneurship has been established with the objective of fostering an individual and corporate entrepreneurial culture through promoting new venture creation and revitalizing existing ventures in Sri Lanka. Broadening the scope further, the study programme offers the required theoretical knowledge and hands-on know-how on executing entrepreneurial venture creation process and to manage large entrepreneurial ventures as corporate leaders.

Bachelor of Commerce Honours in Business Technology

Modern Business world essentially tied-up with Technology. Owing to this convergence, there is high demand for qualified graduates in the fields of E-Commerce; E-Business, Digital Marketing, Business Analytics, Innovation and new product development and Supply Chain in Management both in local and international contexts. Aligning with this emerging requirement the Bachelor of Commerce Honours in Business Technology is designed as the most modern business degree in Sri Lanka that combines all the state-of-the-art business and technology contents. Thus, this degree has been designed for the modern business environment by empowering students to become experts in using information and communication technology in the field of modern commerce and business management.

Bachelor of Commerce Honours in Financial Management

Bachelor of Commerce Honours in Financial Management is designed to train financial professional in view of the growing demand for this profession locally and globally. It includes all the relevant subjects which are crucial for students to perform exceptionally in the field. Further, the entire programme is crafted in a way so that the students gain both theoretical and practical knowledge in this area.

Bachelor of Business Management Honours in Human Resource

With the actualized purpose of identifying the human potential and developing them for achieving strategic goals in the corporate and public sectors, Department of Human Resource Management has been offering its main academic programme, Bachelor of Business Management Honours in Human Resource while enriching thousands of graduate profiles since 1999. The academics and its students strive to realize the vision of the department, ***to be the best branded HRM solution provider in Sri Lanka*** and its mission of ***becoming nature's choice for HRM research, consultancies and industry's first choice for HRM graduates and professionals' best choice for HRM/HRD postgraduate students.***

There is a successful coverage of main business management disciplines such as Financial Management, Marketing Management, Management Information Systems (MIS), Total Quality Management, Commercial & Labour Law and Project Management while keeping the main focus on Human Resource Management, which highly emphasizes on developing the knowledge, skills and values of undergraduates making them compatible by filling the talent gap in modern corporate arena.

Choosing to study Human Resource Management does not mean that the undergraduates limit their careers only to the HR domain but they are allowed to choose different career paths such as Finance & Auditing, Marketing Management, MIS and Law. All students are evaluated by both deliberately supervised dissertation and practical training programme allocating 600 working hours.

Students who go on the journey with this degree programme are privileged to experience an industry blended learning partnering with a private sector organization aiming to spread out HRIS knowledge among undergraduates that lead to obtaining an additional qualification, “Advanced Certificate Course in Human Resource Information System.” Moreover, an Advanced Certificate Course in “Skills for Work” is offered by another private sector organization targeting the soft skill development of undergraduates with making a common platform to develop multi-skills for an overall competent HR graduates to meet next level peopling challenges of the nation.

Without limiting to the undergraduate curriculum, the Department of Human Resource Management also expands its learning portfolio to Master of Human Resource Management and Higher Diploma in Human Resource Management. In addition, it has been offering the external degree programme titled Bachelor of Business Management (General) Degree since 2005 as well.

Bachelor of Business Management Honours in Accountancy

This degree programme is designed to meet the aspirations of students who are willing to seek a career in the discipline of Accounting. Its aim is to develop knowledgeable and skillful graduate for employment opportunities prevailing in the economy. Accounting based positions in public and private sector organizations would demand the graduates of this degree programme. Further, the process of accreditation and the emphasis on professional liaison ensure the Accountancy students are well placed in practical training opportunities to become professional accountants and/or to find employments in financial services sector. In addition, the degree programme provides many career opportunities in Business Management.

Curriculum of the degree focuses on providing students with updated technical knowledge and inculcating industry exposure through each of the course units. Undergraduates experience technologically advanced learning culture by interacting with a rich Learning Management System. Further undergraduates learn accounting packages and advanced software packages which would equip them with skills required by modern organizations.

Bachelor of Business Management Honours in Auditing and Forensic Accounting

Importance and validity of Forensic Accounting in Sri Lankan context becoming a priority area as increasing frauds creating a demand for Forensic Accountants. Further there is a high demand for Forensic Accountants in the globe. To cater to this demand, Department of Accountancy is offering the degree programme named, “Bachelor of Business Management Honours in Auditing and Forensic Accounting”. This is the first undergraduate degree programme specializing in Forensic Accounting offered by a State university in Sri Lanka.

The accounting profession is becoming more complex and the job market for accountants has become more competitive. Specializing in the field of Forensic Accounting will act as an added qualification for an Accounting undergraduate to successfully win the competition in the job market.

Bachelor of Business Management Honours in Accounting Information Systems

With the globalization, rapid evolution of information technology and competition makes every profession change faster than ever before. Further, Sri Lanka has now become one of the well-known destinations for Business Process Outsourcing. Thus, there is a remarkable growth in the interest among the students who are entering into the university in the commerce stream to embark on Information Technology related Accounting/Management study programmes.

Bachelor of Business Management Honours in Accounting Information Systems degree programme provides an opportunity for students to persuade their higher education in accounting discipline with Information Systems and Management capabilities. Accordingly, this hybrid degree programme will be an ideal choice of students who are enthusiastic in Accounting and Information Technology.

This is the first undergraduate degree programme specialized in Accounting Information Systems offered by a State university in Sri Lanka. Specializing in the field of Accounting Information Systems will act as an added qualification for an Accounting undergraduate to successfully win the competition in the job market.

Bachelor of Business Management Honours in Finance

The Bachelor of Business Management Honours in Finance programme offered by the Department of Finance is an ISO 9001:2015 quality-certified business management department at the University of Kelaniya. Further, the Department obtained an “A” Grade for Self Evaluation Review (SER) conducted by the University Grants Commission for 2013-2018.

The Bachelor of Business Management Honours in Finance programme has specifically been designed to cater to the tremendous growth in demand generated by the financial services industry in Sri Lanka and global context. Accordingly, the programme consists of subjects in the key areas of Finance and Economics such as Fundamentals of Corporate Finance, Portfolio Management and Wealth Planning, Managerial Economics, Econometrics, Monetary Economics, etc. Bachelor of Business Management Honours in Finance programme has been accepted by Chartered Financial Analysts Institute - USA as a CFA recognized degree programme. Nevertheless, being the first degree programme in Sri Lanka with CFA recognition has enabled Department of Finance to develop and maintain a healthy partnership with key industry partners which has opened the gateway for students to local and international job markets.

The students are allowed to obtain Internship from the third year second semester which allows the undergraduates to be equipped with hands on experience and become aware on the practical work environment, knowledge and career opportunities in the fast growing prospects of finance sector. Moreover, the completion of Dissertation is compulsory for final year undergraduates in obtaining profound knowledge in conceptualization, operationalization and methodological skills in carrying out the same successfully.

With the introduction of new degree programmes by the Department of Finance, the students have the ability to choose one of the following honours degree programmes.

Bachelor of Business Management Honours in Insurance and Finance

Bachelor of Business Management Honours in Banking and Finance

Bachelor of Business Management Honours in Financial Engineering

Bachelor of Business Management Honours in Insurance and Finance

The Department of Finance introduced the Bachelor of Business Management Honours in Insurance and Finance degree programme to produce graduates with specialized knowledge in insurance to cater to the requirements of the rapidly changing business world. The programme consists of subjects in the key areas of Insurance such as Underwriting Management, Insurance Claim Management, Risk Management in Insurance, Actuarial Valuation, etc. The curriculum is designed to provide future Insurance Professionals with the knowledge, skills, attitudes, and practice as well as one and half years of experience through internship and insight that they need to create value for their organizations and society.

Furthermore, the Department of Finance has partnered with Peoples Insurance PLC, Union Assurance PLC, Janashakthi Insurance PLC, LOLC Life Assurance Limited/ LOLC General Insurance PLC and Softlogic Life Insurance PLC to provide internship and gold medals for the Insurance undergraduates.

Bachelor of Business Management Honours in Banking and Finance

The Bachelor of Business Management Honours in Banking and Finance Degree Programme offered by the Department of Finance is designed on par with Banking Industry expectations. This Degree Programme aims to provide future Banking Professionals who can play a major role in the Banking Industry, utilizing knowledge, skills, attitudes, practice and insight gathered over four years. Further, banking undergraduates can gain one and a half years of industry experience through an internship. The programme consists of subjects in the key areas of banking, such as Credit Management, Treasury Management, Non-Banking Financial Business, Investment and Development Banking, Digital Banking etc.

Furthermore, the Department of Finance has partnered with the Institution of Bankers of Sri Lanka (IBSL) and the Association of Professional Bankers of Sri Lanka (APB) to provide industry exposure and gold medals for banking undergraduates.

Bachelor of Business Management Honours in Financial Engineering

Bachelor of Business Management Honours in Financial Engineering degree programme is offered through a separate window. This degree programme is introduced to produce graduates with specialized knowledge in Financial Engineering to cater to the requirements of the dynamic Financial Services Industry. The curriculum is designed to provide future professionals who are skillful and Knowledgeable in Risk Management, Financial Model Building and Product Development. The programme consists of subjects in the key areas of Financial Engineering such as Mathematical Modeling for Finance, Simulation Techniques in Finance, Efficient Mathematics and Optimization, etc. Further, this degree programme is an affiliated degree of CFA, USA. Further, financial engineering undergraduate can gain one and a half years of industry experience through an internship. Furthermore, the Department of Finance has partnered with NDB Capital Limited, Acuity Knowledge Partners, and KPMG Deal Advisory to provide industry exposure and gold medals for financial engineering undergraduates.

Bachelor of Business Management Honours in Marketing

The Bachelor of Business Management Honours in Marketing is offered by the Department of Marketing Management. Department of Marketing Management is the first ever business management department that obtained ISO 9001:2015 quality certification in the University of Kelaniya. This degree programme is meticulously designed to develop competent, capable, and confident marketing strategists who can excel in dynamic and competitive business environments.

The curriculum of the degree programme is structured around a unique two-tiered graduate profile where the students progressively advance through ‘Proficiency’ and ‘Mastery’ levels across four key competency areas: Core Skills, Business Skills, Power Skills and Versatility Skills. This distinctive approach equips graduates with the practical knowledge, strategic thinking, and innovative capabilities needed to create exceptional value in the marketing field.

Along with the degree, the undergraduates are also offered the opportunity to follow Diploma in Enterprise Resource Planning (DERP) and Diploma in People Skills (DPS) with the objective of developing essential multi skills of a future ready graduate.

Furthermore, graduates who successfully complete the Bachelor of Business Management Honours in Marketing, Diploma in Peoples Skills, and Diploma in Enterprise Resources Planning are eligible to apply for the Certified Professional Marketing Graduate (CPMG) title offered by an industry-academia accreditation body named as CPMG accreditation committee which is appointed by the university. This title is offered to high performing and exceptional marketing graduates of the University of Kelaniya after a rigorous selection process conducted by the CPMG accreditation committee.

Bachelor of Business Management Honours in Digital Marketing

The Bachelor of Business Management Honours in Digital Marketing is offered by the Department of Marketing Management. Department of Marketing Management is the first ever business management department that obtained ISO 9001:2015 quality certification in the University of Kelaniya. This degree programme is meticulously designed to develop competent, capable and a confident digital marketing strategist who is capable of synthesizing business knowledge with emerging digital tools and techniques in generating proprietary insights and value to businesses.

The curriculum of the degree programme is structured around a unique two-tiered graduate profile where the students progressively advance through ‘Proficiency’ and ‘Mastery’ levels across four key competency areas: Core Skills, Business Skills, Power Skills and Versatility Skills. This distinctive approach equips graduates with the practical knowledge, strategic thinking and innovative capabilities needed to create exceptional value in the digital marketing field.

Along with the degree, the undergraduates are also offered the opportunity to follow Diploma in Enterprise Resource Planning (DERP) and Diploma in People Skills (DPS) with the objective of developing essential multi skills of a future ready graduate.

Furthermore, graduates who successfully complete the Bachelor of Business Management Honours in Digital Marketing, Diploma in People Skills (DPS), and Diploma in Enterprise Resources Planning (DERP) are eligible to apply for the Certified Professional Marketing Graduate (CPMG) title offered by an industry-academia accreditation body named as CPMG accreditation committee which is appointed by the university. This title is offered to high performing and exceptional marketing graduates of the University of Kelaniya after a rigorous selection process conducted by the CPMG accreditation committee.

Faculty of Science

The Faculty of Science of the University of Kelaniya offers 3 Bachelor of Science Degree programmes of 3-years duration and 20 Bachelor of Science Honours Degree programmes of 4 – years duration which are categorized as follows:

1. Bachelor of Science and Bachelor of Science Honours
2. Bachelor of Science in Environmental Conservation and Management and Bachelor of Science Honours in Environmental Conservation and Management
3. Bachelor of Science in Physics and Electronics
4. Bachelor of Science Honours in Applied Chemistry
5. Bachelor of Science Honours in Electronics and Computer Science
6. Bachelor of Science Honours in Information Technology/ Bachelor of Science Honours in Management and Information Technology
7. Bachelor of Science Honours in Software Engineering
8. Bachelor of Science Honours in Sports Science

1. *Bachelor of Science and Bachelor of Science Honours Degree Programme*

The Bachelor of Science Degree programme is offered in the Biological Science Stream and Physical Science Stream according to the following subject combinations, for 3-years duration.

Stream	Subject Combination (Where prescribed)	M/I
Biological Science	Biochemistry-Chemistry-Microbiology	E*
	Biochemistry-Chemistry-Plant Biology	E*
	Biochemistry-Chemistry- Zoology	E*
	Chemistry- Computer Studies- Plant Biology	E*
	Chemistry-Computer Studies-Zoology	E*
	Chemistry- Microbiology-Zoology	E*
	Chemistry-Plant Biology- Microbiology	E*
	Chemistry- Plant Biology- Zoology	E*
Physical Science	Applied Mathematics - Chemistry- Pure Mathematics	E*
	Applied Mathematics - Computer Science - Pure Mathematics	E*
	Applied Mathematics - Physics - Pure Mathematics	E*
	Applied Mathematics - Pure Mathematics - Statistics	E*
	Chemistry - Computer Science - Pure Mathematics	E*
	Chemistry - Computer Studies - Pure Mathematics	E*
	Computer Science - Physics - Pure Mathematics	E*
	Computer Science - Pure Mathematics - Statistics	E*
	Computer Studies - Electronics - Physics	E*
	Electronics - Physics - Pure Mathematics	E*

* The courses during the 1st semester of the 1st year are conducted in Sinhala / English and from the 2nd semester onwards courses are conducted in English.

The selection of students for preferred subjects in the Biological Science Stream will be carried out at the beginning of the second semester of the first academic year based upon the performance of the examinations in the first semester of the first academic year when demand exceeds capacity. Biochemistry, Computer Studies and Microbiology subjects have limited enrollment in the Biological Science Stream.

Selection of students for preferred subjects in the Physical Science Stream will be carried out at the beginning of the first semester of the first academic year when demand exceeds capacity. Chemistry, Computer Science, Computer Studies, Electronics, Physics and Statistics subjects have limited enrollment in the Physical Science Stream.

All credits accumulated by a student over the entire three academic years period shall be considered for the award of the degree.

At the end of the second year, a student may apply to follow any of the below mentioned Honours Degree Programme. All credits accumulated over the entire four academic years period is considered for the award of the relevant Bachelor of Science Honours degree.

S.N	Degree Programme	Duration
1	Bachelor of Science Honours in Biochemistry	4 Years
2	Bachelor of Science Honours in Chemistry	
3	Bachelor of Science Honours in Computer Science	
4	Bachelor of Science Honours in Computer Studies	
5	Bachelor of Science Honours in Electronics	
6	Bachelor of Science Honours in Mathematical Physics	
7	Bachelor of Science Honours in Mathematics	
8	Bachelor of Science Honours in Microbiology	
9	Bachelor of Science Honours in Molecular Biology and Plant Biotechnology	
10	Bachelor of Science Honours in Physics	
11	Bachelor of Science Honours in Plant Biology	
12	Bachelor of Science Honours in Statistics	
13	Bachelor of Science Honours in Zoology	

2. Bachelor of Science in Environmental Conservation and Management and Bachelor of Science Honours in Environmental Conservation and Management

Faculty of Science of the University of Kelaniya at present offers both the Bachelor of Science and Bachelor of Science Honours Degree programmes in Environmental Conservation and Management where the durations are three years and four years respectively.

This degree programme focuses on and caters to national and global Environmental Conservation and Management issues and needs. Its syllabus consists of a combination of interdisciplinary topics related to Environmental Management, Chemistry, Zoology, Plant Biology and Microbiology. The specific areas covered in the syllabus are diversity of plants and animals, ecology, forestry, hydrology, water resources management, wildlife management, conservation biology, environmental economics, soil conservation, air quality management, solid waste, waste water and hazardous waste management, environmental monitoring, environmental health, environmental impact assessment practices, GIS and remote sensing applications, environmental policies and legislation, climatic changes, natural disasters and green technologies.

In this degree programme all the students are given a thorough in-plant industrial and professional training in areas related to Environmental Conservation and Management. Students are also given a thorough training to conduct research projects in a field related to Environmental Conservation and Management. The BSc degree students undertake an environmental group research project while the honours degree students conduct comprehensive one year individual research projects. In addition, the honours degree students are also exposed to more advanced topics on Environmental Conservation and Management.

At the end of the second year, a student following the Bachelor of Science in Environmental Conservation and Management may apply to follow the Bachelor of Science Honours in Environmental Conservation and Management. All credits accumulated over the entire four academic years period is considered for the award of the Honours degree.

Degree Programme	Duration	Subject Combination (Where Prescribed)	M/I
Bachelor of Science in Environmental Conservation and Management	3 Years	Environmental Conservation and Management	E
Bachelor of Science Honours in Environmental Conservation and Management	4 Years	Environmental Conservation and Management	E

3. Bachelor of Science in Physics and Electronics

This is a three –years degree programme consisting two main subjects; Physics and Electronics the objective is to provide opportunity for a special intake of students who followed the subjects; Physics, Chemistry and Combined Mathematics or Physics, Combined Mathematics and Information and Communication Technology for their G.C.E. (Advanced Level) Examination and reached the University Grants Commission requirements for university admission.

At successful completion of the degree, graduates will have developed skills, knowledge and attitudes to function as science graduates with knowledge of Physics and Electronics at the degree level together with a good background knowledge of mathematics and Computer Studies.

This degree programme is conducted by the Department of Physics and Electronics with the extended support of the Department of Mathematics and Department of Statistics and Computer Science of the University of Kelaniya.

Degree Programme	Duration	Subject Combination (Where Prescribed)	M/I
Bachelor of Science in Physics and Electronics	3 Years	Physics and Electronics	E*

* The course during the 1st semester of the 1st year are conducted in Sinhala/English and from the 2nd semester onwards course is conducted in English.

4. Bachelor of Science Honours in Applied Chemistry

The Applied Chemistry programme has been designed to provide the necessary knowledge and understanding of the fundamental principles of chemistry and its applications, skills in analytical techniques used in laboratories, advanced knowledge in industrial related areas of chemistry, thus diversifying the undergraduate degree programme in relation to the national and global needs, so that the employability of the graduates increase.

Selection is carried out by the University Grants Commission of Sri Lanka, as a direct intake, based on the Z score of applicants who have passed the G.C.E. (Advanced Level) Examination with Chemistry and Physics subjects. (Biological Science Stream or Physical Science Stream)

Degree Programme	Duration	Subject Combination (Where Prescribed)	M/I
Bachelor of Science Honours in Applied Chemistry	4 Years	Applied Chemistry	E

5. Bachelor of Science Honours in Electronic and Computer Science

The Faculty of Science offers another degree programme, Bachelor of Science Honours in Electronics and Computer Science, starting from the academic year 2020/2021. This degree programme provides both theoretical and practical knowledge in the areas of Electronics and Computer Science in order to produce

skillful graduates competent with both hardware and software who can contribute to national economy in the modern era.

Degree Programme	Duration	Subject Combination (Where Prescribed)	M/I
Bachelor of Science Honours in Electronics and Computer Science	4 Years	Electronics and Computer Science	E

6. Bachelor of Science Honours in Information Technology/ Bachelor of Science Honours in Management and Information Technology

This four years Honours degree programmes offer a wide range of knowledge and skills as a blend of management and information technology disciplines. The students, who get selected, will have to opt for either the BSc Hons in Information Technology (IT) degree programme or BSc Hons Management Information Technology (MIT) degree programme, at the end of the first year of study. The final assignment of the students into the degree programme will be done, based on student performance and preference.

6.1 BSc Hons in Information Technology degree programme

The subsequent three years of the BSc Hons in IT degree programme will focus on building the information technology competencies of the students, depending on their career objective. The programme is designed taking in to consideration the increasing national and international need for computing professionals. The curriculum of the programme follows the latest guidelines of recognized professional bodies such as the ACM and IEEE. The programme aims at equipping students with necessary knowledge and skills to choose a career in the field of information technology including software engineering, data science, systems engineering, database administration, network engineering, business analysis and software quality engineering. Further, students have the opportunity to learn modern management principles concepts and equipping student to work and Information Technology managers or entrepreneurs.

6.2 BSc Hons Management and Information Technology (MIT)

Those selected students for the BSc Honours in MIT programme have the opportunity to specialize in one of the following areas at the end of the second academic year; Business Systems Engineering (BSE), Operations and Supply Chain Management (OSCM) and Information Systems (IS).

(a) Business Systems Engineering (BSE)

Business Systems Engineering is a detailed approach of identifying and implementing the business processes, tasks and transactions that are required to successfully operate a business. To complete in the global market, it is important that our organizations re-engineer their processes with world class management best practices, enabled by the use of Information Technology in order to exploit these business opportunities.

(b) Operations and Supply Chain Management (OSCM)

The curriculum of this programme is based on Information Technology enabled application of world class best practices for the management of supply chain operations. Hence, the programme aims to deliver professional knowledge and skills in Business Process Management customized to applications in the field of Operations and Supply Chain Management.

(c) Information Systems (IS)

Information Systems play a strategic role in ensuring that key decision makers are provided timely information to make business decisions. It enhances operational effectiveness in delivering products and services to its customers and assists to maximize returns to stakeholders. Therefore, management of information technology resources become crucial if the business is to succeed in this dynamic and competitive environment. The prime objective of the 'Information Systems' specialization is to develop professionals equipped with the necessary knowledge and skills to

assess technology needs, procure, maintain and improve information systems which are tightly bound with organizational strategies and processes while managing the necessary human and physical resources.

Apart from the knowledge and skills, both degree programmes also inculcate the necessary soft skills required for the graduates to be successfully absorbed to the professional world.

Degree Programme	Duration	Subject Combination (Where Prescribed)	M/I
Bachelor of Science Honours in Information Technology/ Management and information Technology	4 Years	Management; Information Technology	E

7. *Bachelor of Science Honours in Software Engineering*

This four years degree programme, designed according to the internationally accepted ACM guidelines, helps students to gain essential skills, knowledge, engineering practice and attitudes required to function as software engineers in the local and international industry. An internship opportunity of six months will provide necessary industry exposure to the students to enhance their technical knowledge, skills and professional practices. In addition, the one year software engineering research component is a unique feature of this programme. The students following this degree programme has the flexibility to specialize in their own field of interest by incorporating six (06) specialized application domains; Net Centric, Mobile Computing, Digital Gaming and Animations, Health Informatics, Business Engineering Applications and Data Science and Engineering Applications to the curriculum.

a) **Net Centric**

Net centric specialization aims to develop advanced skills and knowledge required to become successful software engineers in advanced web application, distributed and cloud computing and semantic web and ontological engineering.

b) **Mobile Computing**

Mobile computing is a rapidly emerging area of computing which has enormous market potential and growth. Mobile computing specialization provides thorough knowledge about mobile computing technologies, mobile networks and build advanced skills in mobile application development.

c) **Digital Gaming and Animations**

This specialization provides the knowledge about the cutting-edge digital gaming and animations technologies and build advanced skills essential to cater the requirements of digital gaming and animation industry.

d) **Health Informatics**

This specialization aims to provide advanced knowledge about health information management, health information system design and development and medical imaging and biomedical signal processing. The software engineering skills blended with medical informatics will fill the gap in the industry for health informaticians with advanced software engineering skills.

e) **Business Engineering Applications**

Software engineering is an integral part of modern business applications. Business engineering applications specialization provides the essential knowledge and skills required for a software engineer to design and implement solutions to improve business processes and services. The curriculum includes business systems modeling and optimization, computer-based operations management, and business process engineering.

f) **Data Science and Engineering Applications**

Data science and engineering applications aims to equip the students with advanced knowledge and skills required for building business intelligence and management support systems, designing and developing big data infrastructures and analyzing big data to deliver insights and discover new relations.

Degree Programme	Duration	Subject Combination (Where Prescribed)	M/I
Bachelor of Science Honours in Software Engineering	4 Years	Software Engineering	E

8. Bachelor of Science Honours in Sports Science

The BSSS degree programme is designed to equip students with knowledge, skills, attitudes and mind-set that will benefit their personal lives as well as career opportunity in the field of sports. Four (4) weeks foundation programme will be conducted to provide a foundation in science and general key skills to prepare students for the BSSS programme. The foundation programme offers a direct pathway to the BSSS degree within a fully integrated programme. This is an excellent route for the students who have studied G.C.E. (A/L) subjects that are different from those usually required for Sports Science courses. For the satisfactory completion of the foundation programme, student will be awarded a Certificate of Completion.

Degree Programme	Duration	Subject Combination (Where Prescribed)	M/I
Bachelor of Science Honours in Sports Science	4 Years	Sports Science	E

Faculty of Medicine

Course of Study in Medicine (M.B.B.S)

The MBBS degree programme is an integrated organ-system based course of five year duration, with each academic year consisting of three 10-weeks terms. There are three professional examination at the end of each phase on study. The first phase in year 1 and 2, comprises study of the normal structure and function of the human body, while the second phase, in year 3 and 4, comprises study of the etiology, pathology, treatment, prevention and control of disease. Clinical training commences on the third year of study, with attachments that covers a wide variety of specialties. During their fourth year, students must also carry out supervised research projects in small groups. During the third phase (final year), learning is almost entirely hospital based, with students assigned to clerkships in the Colombo North Teaching Hospital. The final MBBS examination consists of the five disciplines of medicine, Obstetrics & Gynecology, Pediatrics, Psychiatry and Surgery.

The medium of instruction for the entire programme of study is English.

After passing the final MBBS examination, students must complete 12 months of internship to obtain full registration to practice medicine in Sri Lanka from the Sri Lankan Medical Council.

Bachelor of Science Honours in Speech and Hearing Sciences

This honours degree programme is the only programme leading to a Bachelor of Science Honours degree in Speech and Hearing Sciences (specializing in Speech and Language Therapy or in Audiology) in Sri Lanka. Successful completion of the programme indicates professional competence to practice as a Speech and Language Therapist or an Audiologist in Sri Lanka. The curriculum includes both theoretical classroom based learning and practical experience in a variety of settings in the health, education and rehabilitation sectors. The overall aim of the study programme is to train competent Speech and Language Therapists and Audiologists who have the necessary knowledge attitude and skills to provide a range of rehabilitation services to people with communication difficulties and their families; to raise awareness and knowledge about communication disabilities in the wider communities of Sri Lanka and to contribute to the development of the academic base in the field through research and their own professional development in practice. The duration of the degree programme is four years with a modular structure and a minimum requirement of 120 credits. There is a compulsory research project in the final year. The medium of instruction and examination is English.

Bachelor of Science Honours in Occupational Therapy

This degree programme leads to a professional qualification in Occupational Therapy. Successful completion of this professional programme leads to the award of the degree of Bachelor of Science in Occupational Therapy.

Occupational Therapy practitioners are trained to provide a scientifically-based therapeutic intervention to people with all sorts of disability and across all ages, for developing their skills needed to engage in daily activities. This promotes health and quality of life for children and ageing adults living with psychosocial issues, chronic illness and short and long term injuries. The overall aim of the programme is to train a competent occupational therapist with the necessary skills, knowledge and professional attitude to provide rehabilitation services that helps to develop, sustain or restore participation in activities of daily living thereby enabling a difference in a person's restricted lifestyle.

The programme is delivered across 4 years and includes a comprehensive classroom based theoretical foundation and an intensive clinical training in a range of health settings and with people with differing needs. The medium of instruction and examination is English.

Faculty of Computing and Technology

Bachelor of Engineering Technology Honours

The duration of the course of study is 4 years and on successful completion the University of Kelaniya will award a Bachelor of Engineering Technology Honours Degree.

This Engineering Technology Honours degree programme will have a strong focus on practical applications of science and technology with the view of preparing the graduates for a wide variety of industry applications. The first two years of the curriculum aims at developing the common competencies expected of an engineering technologist while the final two years are devoted for developing specific competencies in chosen focus areas. The focus areas currently on offer are:

- Material and Process Technology
- Industrial Automation and Robotics
- Sustainable Technologies

Students who follow Industrial Automation and Robotics will be able to develop skills required to use control systems such as computer or robots and ICT for handling different processes and machineries in an industry. The Material and Process Technology specialization focuses on design operation and control of all the activities required to convert raw materials and commodity materials into valuable products, whereas sustainable technology focuses on developing sustainable solutions for the current global and local socio economic issues.

Students will get an opportunity to work in the industry for six months through the internship module in the 4th year. The medium of instructions and examinations is strictly in english.

Students must achieve a minimum academic performance level approved by the university at the end of second year in order to progress to the third year of study.

Bachelor of Information and Communication Technology Honours

The duration of the course of study is 4 years and on successful completion, the University of Kelaniya will award a Bachelor of Information and Communication Technology Honours Degree.

This degree programme will help students to build necessary skills, knowledge and attitudes required to function as software developers, network administrators and ICT professionals in the industry. Strong fundamental knowledge in electronics and data communication with supporting hands - on laboratory sessions will provide the necessary skills and tacit knowledge required to design, build and maintain industry standard software and computer networks. Incorporation of specialized application areas such as Virtualization and Cloud Computing, Network Management, Wireless and Mobile Communications, Computer Security, Web Programming, Mobile Application Development, Computer Games and Animation, Virtual Reality to the curriculum provides ample flexibility for students to focus in their own areas of interest. The focus areas currently on offer are:

- Computer Networks Technology
- Games and Animation
- Software Systems Technology

Students will get an opportunity to work in the industry for six months through the internship module in the 4th year. The medium of instructions and examinations is strictly in English only.

Students must achieve a minimum academic performance level approved by the university at the end of second year in order to progress to the third year of study.

Bachelor of Biosystems Technology Honours

The duration of the course of study is four (4) years, and on successful completion, the University of Kelaniya will award the Bachelor of Biosystems Technology Honours Degree.

This degree programme has a strong focus on the application of biological sciences and modern technology with the view of preparing graduates for a wide range of bio-based, food, environmental, and research-oriented industries. The curriculum combines theoretical knowledge with extensive practical training through laboratory work, field activities, and industry-linked learning.

The first year of the programme aims at developing fundamental scientific and technological competencies in biological systems, chemistry, microbiology, environmental technology, data handling, and related areas. From the second year onwards, the curriculum is designed to develop specialized competencies in selected focus areas, while enhancing analytical, research, and problem-solving skills.

The focus areas currently on offer are:

- Biotechnology
- Food Processing Technology
- Environmental Resource Technology

Students will get an opportunity to work in the industry or relevant research and development organizations for a minimum period of six months through a compulsory internship module. In the final year, all students are required to carry out an independent research project relevant to their selected focus area.

The medium of instruction and examinations is strictly in English. Students must achieve a minimum academic performance level approved by the University at the end of their first year to progress to the second year of study.

Bachelor of Science Honours in Computer Science

This is a four-years degree programme leading to the Bachelor of Science Honours in Computer Science offered by the University of Kelaniya. The course structure of the Bachelor of Science Honours in Computer Science Degree is designed to align with the recommendations of the Standing Committee on Computing of the UGC and the guidelines of the Association for Computing Machinery (ACM) and the Institute of Electrical and Electronics Engineers (IEEE).

This degree programme will help students to build necessary skills, knowledge and attitudes required to function in the software industry, conduct research and disseminate knowledge in Computer Science. Deep fundamental knowledge in theoretical Computer Science with supporting hands-on laboratory sessions will provide the necessary skills and tacit knowledge required to analyse, design, implement and maintain industry standard software. Knowledge on Database Systems, Machine Learning, Data Security, Theory of Compilers, Parallel Computing, High Performance Computing, Digital Forensics, Semantic Web and e-business technologies, Computer Games and Animation, Virtual Reality to the curriculum provides ample flexibility for students to specialize in their own areas of interest. Students can choose the following focus areas within the said degree programme at the end of second year of study.

- Data Science
- Artificial Intelligence
- Cyber Security
- Scientific Computing

Students will get an opportunity to work in the industry for six months through internship module in the 4th year. The medium of instructions and examinations is strictly in English. In the final year all students should carry out a research project relevant to their area of interest.

University of Moratuwa

Course of Study	Subject Combination (Where prescribed)	M/I
Medicine	-	E
Engineering	-	E
Engineering (EM)	-	E
Engineering (TM)	-	E
Information Technology (IT)	-	E
Architecture	-	E
Design	-	E
Quantity Surveying	-	E
Urban Informatics and Planning	-	E
Fashion Design & Product Development	-	E
Facilities Management	-	E
Transport Management & Logistics Engineering (TMLE)	-	E
Information Technology & Management	-	E
Landscape Architecture	-	E
Business Science	-	E
Artificial Intelligence	-	E

Faculty of Architecture

The Faculty of Architecture is the only academic entity in Sri Lanka that provides undergraduate and postgraduate studies in the disciplines of Architectural, Quantity Surveying, Facilities Management, Design and Planning education. It comprises of five academic departments namely Department of Architecture, Department of Building Economics, Department of Town & Country Planning, Department of Integrated Design and Department of Facilities Management. The Faculty confers Bachelors Degrees in Architecture, Landscape Architecture, Quantity Surveying, Urban Informatics and Planning, Facilities Management and Design.

The Department of Architecture offers five year Honours Degree of Bachelor of Architecture programme [B.Arch.(Hons.)] and four year Honours Degree of Bachelor of Landscape Architecture [B.LA. (Hons.)] programme. The B.Arch. Degree, is accredited by the Sri Lanka Institute of Architects (SLIA), the Royal Institute of British Architects UK (RIBA), and the Commonwealth Association of Architects (CAA).

The Department of Building Economics

Bachelor of Science Honours in Quantity Surveying

The Bachelor of Science Honours in Quantity Surveying degree is a four-year, full-time undergraduate programme offered by the Department of Building Economics, University of Moratuwa. The programme covers a wide range of subjects related to building measurements, construction economics, commercial management and emerging technologies within the construction industry. It provides the competencies required to explore the built environment through building design, services, and management of contractual relationships. The programme emphasises acquiring practical skills through consultancy and contracting practices. Presently, the Quantity Surveying degree is underpinned by a wide range of work experience placements, research projects and industrial collaboration. The degree programme has received accreditation from local and international leading professional bodies, including, the Institute of Quantity Surveyors Sri Lanka (IQSSL), the Royal Institution of Chartered Surveyors (RICS), the Australian Institute of Quantity Surveyors (AIQS), the Chartered Institution of Civil Engineering Surveyors (CICES) and Pacific Association of Quantity Surveyors (PAQS).

The Department of Town & Country Planning

Bachelor of Science Honours in Urban Informatics and Planning

The Department is the only institutional body in Sri Lanka that offers academic programmes in Urban and Environmental Planning. It also conducts research in Urban informatics, Decision Sciences, Community Planning, Urban Development and Design, and Environmental Management. Currently the Department offers four-year Bachelor's Degree programme in Urban Informatics and Planning. This degree is accredited by the Institute of Town Planners Sri Lanka and the course is continuously updated with the ongoing advances in the urban development sector. The graduates duly complete this degree programme are employed mainly in public and private sector institutions engaged in planning and urban development, environment management, urban informatics, and the related fields.

The Department of Integrated Design offers four year Honours Degree of Bachelor of Design programme [B.Des. Hons.]. This degree programme comprises three major fields of Fashion & Lifestyle Design, Media & Communication Design and Product Design.

The Department of Facilities Management

Bachelor of Science Honours in Facilities Management

The Bachelor of Science Honours in Facilities Management is a four-year, full-time degree programme that prepares students for a career in Facilities Management (FM), which is a profession that encompasses multiple areas, such as building services and smart technology, building maintenance, building performance, building condition surveying, energy and sustainability, asset management, health and safety, operations management, business continuity and risks management, contracts and procurement, integrated digital delivery, etc. to ensure effective functionality of the built environment. This programme is an excellent choice for students from both physical science and commerce streams to equip with the skills and competencies to embark on a successful journey as facility managers in various industries.

Faculty of Engineering

The Faculty of Engineering offers three full time undergraduate programmes. The first of these programmes is the Bachelor of the Science of Engineering Honours (BScEngHons). Students are admitted to the BScEngHons Degree programme under three categories as Engineering, Engineering (EM) and Engineering (TM). The BScEngHons Programme is of four years duration, and is conducted through eight semesters by following the course unit system. Each semester is of 20 weeks duration, including time for examinations. After the first semester, which is common to all Engineering Intake students, the students are assigned to 8 fields of specialisations, based on the students' preference and performance at the first semester. These eight fields of specialisation are : (i) Biomedical Engineering; (ii) Chemical & Process Engineering; (iii) Civil Engineering; (iv) Computer Science and Engineering; (v) Electrical Engineering; (vi) Electronic and Telecommunication Engineering; (vii) Mechanical Engineering; (viii) Materials Science and Engineering. The students admitted to Engineering (EM) follow the specialisation programme of Earth Resources Engineering, and those admitted to Engineering (TM) follow the specialisation programme of Textile & Apparel Engineering. All 10 fields of Specialisations of the BScEngHons Degree programme have course work (laboratory, design and field work) and Industrial Training as essential parts of the undergraduate course. The BScEngHons Degree course has recognition of several professional organisations, local and foreign.

The second undergraduate degree programme offered by the Faculty is the Honours Degree of Bachelor of Design (B.Des.) in Fashion Design and Product Development (FD & PD). This programme is conducted on a four year full time basis, with Industrial Placement in the third year.

The third undergraduate degree programme offered by the Faculty is the of Bachelor of the Science of Engineering Honours in Transport Management & Logistics Engineering [BScEngHons (Transport Management & Logistics Engineering)]. This programme is conducted as a full time course of four years of duration, through eight semesters, by following the course unit system. Industrial Training is part of the course.

Faculty of Information Technology

The Faculty of Information Technology comprises of three departments, namely Information Technology (IT), Computational Mathematics (CM), and Interdisciplinary Studies (IDS). The faculty offers three 4-year degrees, Bachelor of Science Honours (Information Technology), Bachelor of Science Honours (Information Technology and Management), and Bachelor of Science Honours (Artificial Intelligence). These three degrees have different entry criteria stated in Section 2 of the university admissions handbook.

Honours Degree of Bachelor of Science in Information Technology Programme

The Degree Programme has been designed to produce resourceful Information Technology graduates with knowledge, skills and attitudes to address the ever increasing demand of IT professionals. It is modelled under the broad umbrella of Information Technology to create graduates to face challenges in modern Information Technology organizations. The present curriculum and instruction delivery of Bachelor of Science Honours in IT Programme have been enriched with all the areas of computer technologies, essential management practices and industrial orientation. The Bachelor of Science Honours in IT Degree Programme is open for students from both Physical Science and Biological Science streams at the G.C.E. (Advanced Level) Examination (including Physics as a subject). The first two academic years of the programme comprises compulsory core IT modules pertaining to the multi - faceted discipline of Information Technology. Students are exposed to a variety of special areas of IT from the beginning of their third year through elective modules. The second semester of the third year consists of industrial training which arms students with a wide range of work experience and enhancing their competitiveness. The programme also includes industry related projects to integrate theory with practice. In the final year students who are motivated to do higher studies by way of research oriented degrees can opt for an individual research project. During the final year, there is a compulsory comprehensive group project in which the students will apply their knowledge and skills in solving a challenging IT problem.

Honours Degree of Bachelor of Science in Information Technology and Management (IT & M) Programme

This Degree Programme, introduced in the year 2010, has been designed to address the ever increasing need for IT professionals versatile in Information Technology and conversant in the application of management theories. With the objective of opening the door to technical education for a broad spectrum of students, the entry to the programme is kept open for all streams of study at the G.C.E. (Advanced Level) Examination. The IT & M Degree Programme provides the undergraduates additional enhanced management competencies while retaining core IT skills enabling early entry to management positions in the IT industry. The programme includes projects incorporating business and management concepts to integrate theory into practice. The second semester of the third year consists of industrial training which arms students with a wide range of work experience and enhancing their competitiveness. In the final year students who are motivated to do higher studies by way of research oriented degrees can opt for an individual research project. During the final year, there is a compulsory comprehensive group project in which the students will apply their knowledge and skills in solving a challenging IT problem.

Bachelor of Science Honours in Artificial Intelligence- BSc Hons (AI)

Bachelor of Science Honours in Artificial Intelligence has been designed to respond the increasing global demand for Artificial Intelligence (AI) graduates. The body of knowledge of this programme comprises of broad spectrum of theory and practice of Artificial Intelligence, Computer Science, Mathematics and Statistics. Department of Computational Mathematics has designed this programme as a 4 year degree, which develops students' correct mindset of Artificial Intelligence from the first year of the study. Global and local demands for AI professionals from academia, industry and other sectors are exponentially increasing so that ample job opportunities are emerging for AI graduates.

Faculty of Business

The Faculty of Business was formed in 2017 and offers the Bachelor of Business Science (BBSc.) Honours degree programme. The main goal of the Faculty of Business is to produce graduates who will be ready to take businesses to a higher level in the next decade. The Faculty has three departments, and each department offers a specialization. The Department of Decision Sciences offers Business Analytics, the Department of Industrial Management offers Financial Services Management and the Department of Management of Technology offers Business Process Management. Students are assigned to a field of specialisation upon admission to the degree based on their G.C.E. A/L Examination Z-score and preference for specialization. This programme is conducted on a full time basis over four years, with an industrial placement in the final year.

The modules and course work are designed to align with the impending needs of the industry and global economy. A key feature of all three specializations is the focus on analytical skill development.

Department of Decision Sciences - Specialisation in Business Analytics

The Department of Decision Sciences (DS) offers the Business Analytics (BA) specialization under the BBSc. Honours degree programme with an option to obtain a Minor in Quantitative Finance. The courses offered by the department span a wide spectrum of analytics related topics which cover the mathematical, statistical and computing skills essential for solving complex business issues and using data to drive decisions. All course modules are delivered with an emphasis on business applications so that students obtain a grounding in both quantitative skills and management domain knowledge.

Department of Industrial Management - Specialisation in Financial Services Management

The Department of Industrial Management (IM) offers the Financial Services Management (FSM) specialization as part of the Bachelor of Business Science (BBSc.) Honours degree programme. Surpassing conventional financial jobs, Financial Services Management provides a portfolio of career opportunities to excel in the most lucrative financial industry. Financial Services Management will enable the overall development of budding managers to come up with the expectations of the corporate world. With thorough enrichment of business and interpersonal skills, attitudes and knowledge pertaining to contemporary needs of the financial industry, students are geared to be the forerunners of their field.

Department of Management of Technology - Specialisation in Business Process Management

The Department of Management of Technology (MoT) offers the Business Process Management (BPM) specialization as part of the Bachelor of Business Science (BBSc.) Honours degree programme. This programme is designed to equip undergraduates with comprehensive knowledge, practical skills, and a forward-thinking mind set essential for driving innovation and fostering growth in today's dynamic business environments. The BPM curriculum is distinctive in the South Asian region, focusing primarily on the integration of information technology within BPM and the pursuit of business process excellence. The uniqueness in the curriculum and industrial exposure ensures that graduates are well-prepared to excel in the BPM sector, possessing both theoretical knowledge and practical experience.

University of Jaffna

Course of Study	Subject Combination (Where prescribed)	M/I
Arts	-	T
Management	-	T/E
Commerce	-	T/E
Law	-	E
Medicine	-	E
Siddha Medicine and Surgery	-	T
Agriculture	-	E
Biological Science *	Please see below	E/T
Engineering	-	E
Physical Science *	Please see below	E/T
Computer Science * (Direct Intake)	-	E
Nursing	-	E
Pharmacy	-	E
Medical Laboratory Sciences	-	E
Translation Studies	-	E/T
Engineering Technology (ET)	-	E
Biosystems Technology (BST)	-	E
Physical Education	-	E
Music	-	T
Dance	-	T
Art & Design	-	T

Faculty of Science *

The academic programmes of the Faculty of Science, University of Jaffna operates on a modularised credit valued, semester based course unit system. The undergraduate course units are conducted at four levels, Level I, II, III and IV. The course units are derived from the following categories:

- | | | |
|---------------------------------|----------------------------|-----------------------------|
| (a) Auxiliary Courses | (b) Enhancement Courses | (c) Principal Subject Areas |
| (d) Supplementary Subject Areas | (e) Subject Specific Areas | (f) Inter Faculty Courses |

(a) Auxiliary Courses: The following Auxiliary courses are offered:

- | | |
|---|-----------|
| (a) English Language I | Level I |
| (b) Social Harmony and Active Citizenship | Level I |
| (c) English Language II | Level II |
| (d) Career Guidance | Level III |
| (e) Management and Entrepreneurial Skills | Level III |
| (f) Communication skills | Level III |

The Auxiliary Course units are non-credit course units. However all auxiliary Course Units are evaluated and considered for award of degrees.

(b) Enhancement Courses:

- | | |
|--|---------------------|
| (a) Biology for Physical Science students and
Mathematics for Biological Science students | Level I (2 Credits) |
| (b) Computer Literacy | Level I (2 Credits) |
| (c) Science and Society | Level I (2 Credits) |

(c) Principal Subject Areas:

The Faculty offers courses in ten principal subject areas.

Principal Subjects

- Applied Mathematics
- Computer Science
- Statistics
- Fisheries Science
- Mathematics
- Zoology
- Botany
- Physics
- Chemistry
- Pure Mathematics

Note: (a) Students who have offered Pure Mathematics and Applied Mathematics as Principal subjects in Levels 1G and 2G only could be admitted to the Honours Degree course in Mathematics.

(d) Subject Specific Areas:

The Faculty offers only two courses in subject specific area.

Those are in Computer Science (Direct) and Science and Education.

The Bachelor of Science (with Education) is conducted with assistance of staff from the Department of Education of the Faculty of Arts.

(e) Supplementary Subject Areas

The Faculty offers courses in many supplementary subject areas depending on the availability of resources and the courses offered may change from year to year. Course units in supplementary subject areas are offered at Levels 2G and 3G only.

Supplementary Subject Areas

- Basic Computing
- Bio. Mathematics & Statistics
- Biotechnology
- Electronics
- Environmental Science
- Food Science & Nutrition

Inter-Faculty Courses:

The students with the prior approval of the Faculty Board of Science may also select course units offered by another Faculty of this University, if the timetable permits.

Core and Elective Course Units:

Every Principal subject has core and elective course units. All the Level I course units are Core.

Selection of Course Units at various levels and Registration:

Students in the First year of study shall register for three Principal Subjects and relevant auxiliary course units. The allowed subject combinations from Principal subject area are given below. There may be a limit on the number of students that could be admitted to a particular subject or subject combination. At such instances the admission to those subjects or subject combination will be made on merit and will be based on A/L performance.

Students in the second third/fourth year of study shall register at the beginning of an academic year for all the course units he/she wishes to follow in that academic year. The total number of credits of the registered course units of a level shall not be less than or greater than the number stipulated for that level.

Academic advisors appointed by the Faculty Board of Science will help the students in selecting the course units judiciously. Students will be allowed to withdraw from a registered course unit, only within the first two weeks of the commencement of the first semester provided that the minimum credit requirement is not violated. Withdrawals after this period cannot be effected, except on medical grounds or due to other valid reasons.

There will be a minimum and a maximum number of students that could be accommodated to a given course. The departments decide on this number and will be based on the availability of resources.

Selection to Four Year Degree Programmes:

Students are admitted to Honours Degree and Bachelor of Science (with Education) courses at the beginning of the third year of studies. The admission to these courses is based on the performance of the applicants in course units of Levels 1G and 2G and the availability of places. At the end of the second year, a student may apply to follow such programmes that he/she wishes to follow.

Honours Degree Programmes are offered in the following Principal subjects:

Botany, Chemistry, Computer Science, Fisheries Science, Mathematics, Physics, Statistics, Zoology

Allowed Subject Combinations – First Year

- Botany, Zoology, Chemistry
- Botany, Zoology, Fisheries Science
- Botany, Chemistry, Fisheries Science
- Chemistry, Zoology, Fisheries Science
- Pure Maths, Applied Maths, Statistics
- Pure Maths, Applied Maths, Computer Science
- Pure Maths, Applied Maths, Physics
- Pure Maths, Applied Maths, Chemistry
- Statistics, Pure Maths, Chemistry
- Computer Science (Direct intake) has specific course units.
- Statistics, Pure Maths, Computer Science
- Statistics, Applied Maths, Chemistry
- Statistics, Applied Maths, Physics
- Computer Science, Pure Maths, Physics
- Computer Science, Applied Maths, Physics
- Computer Science, Applied Maths, Chemistry
- Pure Maths, Physics, Statistics
- Chemistry, Computer Science, Pure Maths
- Chemistry, Computer Science, Statistics

Bachelor of Engineering Technology Honours [BET(Hons)]

The following specializations will be offered under the degree programme in Bachelor of Engineering Technology Honours [BET(Hons)] in the Faculty of Technology, University of Jaffna.

- Automobile
- Building Constructions
- Electronics

Faculty of Arts

Subjects offered and the Selection of Subjects:

The following subjects in Arts are available for the students who are enrolled to follow the Bachelor Degree Programme in Arts at the University of Jaffna.

Level I is common to all the students who are admitted to the Bachelor's Degree Programme offered by the Faculty of Arts.

Students at the level I have to select any three main subjects as per the following list of subjects offered in the Faculty of Arts:

Anthropology, Archaeology, Art History, Christian Civilization, Cultural Tourism, Drama and Theatre Arts, Economics, English Literature (English Medium), English Language Teaching (English Medium), Geography, History, Home Economics, Linguistics, Media Studies, Philosophy, Community and Regional Planning, Political Science, Psychology, Sociology, Tamil and Information Communication Technology (ICT).

Further, the students admitted to the Faculty of Arts have an opportunity to select a subject as one of the three subjects offered by the Faculty of Hindu Studies, University of Jaffna: Hindu Philosophy (Saiva Siddhanta), Hindu Civilization, and Sanskrit, with the condition of that the particular subject should be taken by the student in Advanced Level for the admission to the university.

The students who are admitted to the University on a Additional Intake basis have to choose the subject/s prescribed by the UGC and remain from the list of subjects provided by the Faculty with the consultation of the respective departments.

At the successful completion of Level I, students who wish to pursue an Honours degree from Level II can select any **one** of the main subjects he/she offered at Level I and make an application in the prescribed format available in the Dean's office of the Faculty of Arts.

The subjects offered for the Honours degree programme are as follows:

Archaeology, Art History, Christian Civilization, Cultural Tourism, Drama and Theatre Arts, Economics, English Literature (English medium), English Language Teaching (English medium), Geography, History, Home Economics, Linguistics, Media Studies, Philosophy, Community and Regional Planning, Political Science, Psychology, Sociology and Tamil.

Note – The students for the L.L.B. and Bachelor of Arts Honours in Translation Studies are to be admitted to the Faculty of Arts, University of Jaffna through a separate window as per the UGC guidelines.

UNIVERSITY OF RUHUNA

Course of Study	Subject Combination (Where prescribed)	M/I
Arts	-	S
Management	-	E
Medicine	-	E
Agriculture Resource Management and Technology	-	E
Engineering	-	E
Biological Science	Botany, Chemistry, Zoology	E
Biological Science	Chemistry, Botany, Physics	E
Biological Science	Chemistry, Physics, Zoology	E
Biological Science	Physics, Botany, Zoology	E
Physical Science	Chemistry, Physics, Maths	E
Physical Science	Computer Sc., Physics, Maths	E
Physical Science	Chemistry, Applied Maths, Maths	E
Physical Science	Applied Maths, Maths, Physics	E
Physical Science	Chemistry, Maths, Computer Sc.	E
Physical Science	Computer Sc., Maths, Applied Maths	E
Physical Science	Maths, Industrial Maths, Chemistry	E
Physical Science	Maths, Industrial Maths, Physics	E
Fisheries & Marine Sciences	-	E
Nursing	-	E
Medical Laboratory Sciences	-	E
Pharmacy	-	E
Computer Science	-	E
Agribusiness Management	-	E
Green Technology	-	E
Engineering Technology (ET)	-	E
Information Communication Technology	-	E
Marine and Freshwater Sciences	-	E
Biosystems Technology (BST)	-	E
Financial Mathematics and Industrial Statistics	-	E
Geographical Information Systems	-	E

Faculty of Humanities & Social Sciences

The course programme structure of the Faculty of Humanities & Social Sciences is identified as a semester system composed of credit-based course units.

The principal aim of the faculty is to produce creative, intellectually sound, and professionally capable graduates. It is expected that they would make vital intellectual contributions to maximise development within the socio-economic environment and that they would act in society as role-models with high-order values of harmony and intellectuality.

In a broad perspective the Faculty of Humanities & Social Sciences is conducting two undergraduate degree programmes :

1. Bachelor of Arts General degree Three Years
2. Bachelor of Arts Honours degree Four Years

The curriculum includes English, Archaeology, History, Buddhist Culture, Pali, Buddhist Philosophy, Political Science, Economics, Sinhala, Geography, Sociology, Social Statistics and ICT. While a combination of any three subjects can be selected in general, the faculty decides it annually on the basis of student requests. Other than English and ICT any of the above subjects can be selected for a Honours degree. In order to offer English for the degree, it is required to have a “C” Pass for English Literature at the G.C.E.(O/L) or “C” Pass for English Language at G.C.E. (A/L) Examination. In order to offer social Statistics, it is required to have at least a Credit Pass (C) in Mathematics at the G.C.E. (O/L) Examination.

In order to offer Pali, it is required to have a Pass in it at the G.C.E. (A/L) Examination. In order to offer any of the subjects for the Bachelor of Arts Honours degree, it is required to have earned a higher pass in the relevant subject at the first year examinations.

In expanding the horizons of knowledge, the undergraduates can select by discretion foundation courses and supplementary courses such as General English, IT, Basic Mathematics, and Research Methods in Humanities & Social Sciences. Of these General English and IT are compulsory. While selecting Foundation Subjects, certain prerequisites have to be fulfilled, but for other subjects there are no such prerequisites. Further, additional facilities are arranged to study languages such as Tamil, French, Korean, and Hindi. Moreover, on the basis of student requests, arrangements are made to follow Honours degree courses in the English Medium.

The degree courses are taught semester-wise and continuous assessment tests and semester-end tests are carried out in two separate methods.

Faculty of Management & Finance

Faculty of Management and Finance, established in 2003, is the second largest faculty of the University of Ruhuna in terms of student population (i.e. 1511 students as of 2018). Faculty of Management and Finance consists of four academic departments namely, Accounting and Finance, Entrepreneurship, Human Resource Management and the Marketing. The Bachelor of Business Administration Honours degree programmes offered by the Faculty of Management and Finance are equivalent to level 6 of the Sri Lanka Qualifications Framework (SLQF), each comprising 120 credits offered over four years. The faculty introduced the course unit-based undergraduate programmes in 2001 and the degree consists with compulsory internship training and independent research project. The curriculums of the degree programmes are enriched with latest course units that match the contemporary developments in the respective fields.

Degree programmes offered by the Faculty of Management and Finance

Bachelor of Business Administration Honours in Accounting (SLQF 06)

Bachelor of Business Administration Honours in Accounting degree is designed to create quality graduates with the required skills, competencies and industrial knowledge to achieve a successful accounting career in the private and public sector, locally and internationally. Thus, the degree program incorporates a range of contemporary course units with practical components i.e. internship training, dissertation and fieldwork attached to continuous assessments to enhance students' potential to lead organizations in a diverse, global context. Further, the department actively promotes extracurricular activities by encouraging the students to form student circles and clubs that foster creativity, innovation and knowledge sharing. Ultimately, graduates of this degree program have excellent career prospects both globally and locally and capable of creating a distinct value in organizations and in society.

Bachelor of Business Administration Honours in Business Management (SLQF 06)

Bachelor of Business Administration Honours in Business Management degree programme intends to produce graduates with required knowledge, skills and competencies who can cater to current and emerging needs in the field of Business Management in Sri Lankan and international context. Being a four-year honours degree program with 120 credits, this includes a compulsory research component and internship training in Business Management to produce undergraduates who wish to develop their career as Business Managers. Further, this degree program is heavily concerned with developing the numerical skills and problem solving skills required to evaluate alternative opportunities in the business environment. Thereby students can enhance their knowledge, skills and professionalism required to understand and evaluate business scenarios for managing businesses. Finally, the business management graduate will have excellent employment opportunities with a high degree of scholarship, professionalism and humanity suited for global and local contexts.

Bachelor of Business Administration Honours in Entrepreneurship (SLQF 06)

Bachelor of Business Administration Honours in Entrepreneurship degree aims to create students with sound entrepreneurial attributes who could immensely contribute to Sri Lankan economy by starting and running a

venture. The programme consists with common curriculum in the first three semesters to provide a thorough understanding of basic concepts in all functional areas in Business Management and the specialization area for the last five semesters of the degree programme. At the end of the first three semesters, students who meet the required criteria predetermined by the faculty are eligible for enrolling with the Bachelor of Business Administration Honours in Entrepreneurship degree.

Through the Bachelor of Business Administration Honours in Entrepreneurship degree students are able to obtain practical exposure in Entrepreneurship discipline through various activities such as workshops, field visits and outbound training activities organized by the department with the industry collaboration. Students are able to develop their interpersonal, communication and team building potential through those activities.

Bachelor of Business Administration Honours in Human Resource Management (SLQF 06)

Bachelor of Business Administration Honours in Human Resource Management degree is designed to create highly employable Human Resource Management graduates who are equipped with the comprehensive knowledge, skills and competencies to meet the requirements of the contemporary business organizations. The programme consists with common curriculum in the first three semesters to provide a thorough understanding of basic concepts in all functional areas in Business Management and the specialization area for the last five semesters of the degree programme. At the end of the first three semesters, students who meet the required criteria predetermined by the faculty are eligible for enrolling with the Bachelor of Business Administration Honours in Human Resource Management degree.

Through the Bachelor of Business Administration Honours in Human Resource Management degree students are able to explore the best practices and modern trends in Human Resource Management through various activities such as workshops, field visits and outbound training activities organized by the department with the industry collaboration. Students can develop their interpersonal, communication and team building potential through those activities.

Bachelor of Business Administration Honours in Marketing (SLQF 06)

The Department of Marketing was established in 2008, as one of the leading academic entities in the country, with the main endeavor of the cultivating marketing profession. As a result of rapid and continues transformations in business environment, the demand for marketing professionals with progressive knowledge and skills in rapidly growing today. The department comprises a team of capable and diligent academics with high-quality scholarly qualifications in order to create and disseminate knowledge related to Marketing Management via lecturing, research, consultancy and other various professional and policy contributions. Further, the department produces resourceful intellectuals to serve the local and the global community. The students at the department are engaged in numerous extracurricular activities through the study circle, not only to enrich their academic experience but also to develop their sense of social responsibility while meeting the requirements of the faculty graduate profile.

Bachelor of Business Administration Honours in Finance

The Bachelor of Business Administration Honours in Finance degree programme produces graduates of high caliber, who can cater to the emerging needs in the finance profession both locally and internationally. Being a four-year honours degree programme placed at SLQF level 6, this degree programme covers 120 credits. By following this programme, the students will learn major concepts, theories, and techniques of finance, together with other important skills such as communication skills, analytical skills, and problem-solving skills required to understand and manage the factors shaping the modern finance sphere. Further, the compulsory independent research project promotes life-long learning skills and competencies in building defensible arguments, while the internship training exposes students to the industry, giving an experience of how knowledge, skills, and attitudes they have acquired are applied in a corporate environment. Finance graduates have excellent career prospects in corporations, banks, and other financial institutions; or can otherwise choose to develop their own businesses.

Bachelor of Business Administration Honours in Business Law

The Bachelor of Business Administration Honours in Business Law degree programme combines management and business law disciplines, into a single degree programme for the first time in Sri Lanka. This programme aims to equip students with sound knowledge of business law and management. This would enable students to give law-oriented solutions to problems in business management and operations. The knowledge, skills, and attitudes related to both management and law would give graduates a competitive advantage at the national and international levels. Students will be given compulsory semester-long practical training in the form of an internship. This would expose them to understand the application of laws in business management. This provides students a privileged starting point for their professional world. The graduates of this programme would fulfill the demand that has for professionals with knowledge of law and business administration. Therefore, career opportunities are open to them to work as the legal manager who is responsible to prepare all legal documents, handle in-house legal matters, and advise the strategic decisions of organizations.

The Bachelor of Business Administration Honours in Business Law, Faculty of Management and Finance, University of Ruhuna is not a qualification to enter into the Law College in Sri Lanka.

Faculty of Science

Bachelor of Science Degree (General and Honours):

An academic year consists of two semesters with 15 weeks each. Subject course units based on credit value system is in effect. Students must select subject combinations of their choice at the beginning of the degree programme. It is compulsory that they follow prescribed core course units in first and second years. Students have the opportunity to select optional course units in second and third years offered under departments and the Faculty to suit their career expectations. Many optional units are common to both physical and biological sciences streams. Following are some of the optional course units offered in the faculty.

Electronics, Microcontrollers and applications, Computational Physics, Astronomy and Cosmology, Management, Accounting, Marketing Management, Research Project, Research Methodology, Speech and Communication, Physical Fitness and Health Management, Scientific Writing and Communication, Genetic Engineering and Biotechnology, Advanced Environmental Science, Horticulture Floriculture & Landscaping, Forestry, Food Technology, Applied Entomology, Immunology, Aquaculture, Parasitology, Ornithology, Bioethics, Introductory Mathematical Methods in Economics, Theory and Applications of Neural Networks, Visual Programming, PC hardware and Networking, System and Network Administration, Industrial Chemistry, Environmental Chemistry.

In addition, Physical Science students who do not follow computer science as a subject and all Biological Science students are required to follow the Computer Literacy Course (CLC) in their first year and those who excel in CLC are entitled to follow the Certificate Course in Information Technology (CCIT) in their second year.

Honours degree programmes conducted in Botany, Chemistry, Computer Science, Mathematics, Physics and Zoology are offered only to those students who excel in first and second year examinations (Honours degree courses are offered in third and fourth years). Students who wish to achieve career opportunities in academic and /or in research professions are advised to aim for these programmes.

All students are required to follow prescribed courses to obtain proficiency in English. More details about course units and other resources/ facilities are available in the university website:<http://www.ruh.ac.lk>

Bachelor of Computer Science Degree (General and Honours):

Students are admitted through a special window. Students learn many aspects of computer science for a period of three years leading to the Bachelor of Computer Science degree. Those who excel in the first three years are selected to follow advanced courses in Computer Science for an additional year of study leading to the Bachelor of Computer Science Honours degree.

Faculty of Medicine

Faculty of Medicine, University of Ruhuna is the only medical school located in the Southern part of Sri Lanka. This medical school was established in 1980 and has come a long way to become one of the best medical schools in Sri Lanka. Quality of the graduates is excellent and second to none to the graduates from other medical schools in the country.

It has fifteen departments namely Anatomy, Biochemistry, Community Medicine, Forensic Medicine, Medicine, Microbiology, Obstetrics & Gynaecology, Paediatrics, Parasitology, Pathology, Pharmacology, Physiology, Psychiatry, Surgery and Anaesthesiology.

Faculty infrastructure includes Lecture Theatres, Tutorial Rooms, Laboratories, Clinical Skills Lab, Clinics, IT Lab, Library Facilities, Canteen, Gymnasium, Play Ground and a large Auditorium. It has a student support service operate throughout the day. The hostel facilities inside the faculty premises are adequate for 560 students.

Faculty of Allied Health Sciences

The Allied Health Sciences Degree Programme (AHSDP) was established under the Faculty of Medicine, University of Ruhuna in 2008 to provide undergraduate training programmes in disciplines of Nursing, Medical Laboratory Sciences and Pharmacy. The need for such undergraduate degree courses were felt for several decades in the health sector of the country, which increasingly demand highly trained individuals to cope with the trends in modern healthcare system. These degree courses have been prepared with the aim of producing graduates suitable for employing in both national and international job market.

Faculty of Allied Health Sciences, University of Ruhuna was established in September 2017. This is the only Allied Health Sciences faculty located in Southern province in Sri Lanka. The Faculty of Allied Health Sciences currently comprises of three departments offering three degrees namely, Bachelor of Science in Nursing, Bachelor of Science in Medical Laboratory Sciences and Bachelor of Pharmacy. All three degree courses are conducted in English medium and each degree course consists of 120 credits. The curricula have been designed for four years complying with Sri Lanka Quality Framework (SLQF) guidelines and with essential components including individual research projects and appropriate training programmes (hospital, clinical, community and industrial).

The Faculty of Allied Health Sciences, University of Ruhuna intends to commence the new undergraduate degree courses and postgraduate degree courses relevant to health sciences in the near future.

Faculty of Engineering

The Faculty of Engineering of University of Ruhuna offers a four year full time undergraduate programme leading to the honours degree of Bachelor of the Science of Engineering (BScEngHons). The degree programme is organized as two semesters of 15 weeks each per academic year over the duration of four academic years. A development programme, which consists of courses in Computer Awareness, Social Awareness and Professional English, offered prior to the normal academic activities, adequately prepares the students to follow the degree programme conducted in English medium. All students need to follow a Common Core Course [CCC] during the first two semesters. The next six semesters are devoted to specialization in one of the branches of engineering. Students, on satisfactory completion of the CCC are assigned to one of the five fields of specialization listed below, based on their preference and performance in the CCC.

- I. Civil and Environmental Engineering
- II. Computer Engineering
- III. Electrical and Information Engineering
- IV. Marine Engineering and Naval Architecture
- V. Mechanical and Manufacturing Engineering

The modules covered under the above fields of specialization are offered by the five departments of study in the Faculty of Engineering, namely the Department of Civil and Environmental Engineering (DCCE), the Department of Electrical and Information Engineering (DEIE), the Department of Mechanical and Manufacturing Engineering (DMME), the Department of Marine Engineering and Naval Architecture (DMENA) and the Department of Interdisciplinary Studies (DIS). Apart from the technical modules offered by DCCE, DEIE, DMME, and DMENA, the DIS offers a wide range of modules related to Engineering Mathematics, Management, Engineering Economics, Humanities, Social Sciences, Arts, Professional Ethics, etc. to fulfill the accreditation requirements.

DCCE, DEIE, DMME, and DMENA maintain strong links with the industry through their Industrial Consultative Committees (ICCs). The frequent involvement of employers and professionals in the field ensures that the fields of specialization offered by the Faculty of Engineering are updated continuously along with the recent technological advancements of each discipline and matches with the needs of the career opportunities available in the country.

All, curricula of the fields of specialization have been developed based on Outcome Based Education (OBE) concepts revolving around core modules related to the categories of Mathematics, Basic Sciences and Computing and Engineering Sciences and Engineering Design, complemented by a pool of General and Technical Elective modules, and a compulsory Industrial Internship.

Students who follow the above fields of specialization will have the opportunity to succeed with their career goals and become one of the engineering professionals as listed in the table below.

Civil and Environmental Engineering	Computer Engineering	Electrical and Information Engineering
<ul style="list-style-type: none"> • Civil Engineer • Coastal and Water Engineer • Electronics Engineer • Environmental Engineer • Geotechnical Engineer • Highway and Transportation Engineer • Structural Engineer 	<ul style="list-style-type: none"> • Data Science Engineer • Embedded Engineer • Network Security Engineer • Software Engineer • System Engineer 	<ul style="list-style-type: none"> • Electrical Engineer • Electronics Engineer • Network Engineer • Telecommunication

Mechanical and Manufacturing Engineering	Marine Engineering and Naval Architecture
<ul style="list-style-type: none"> • Mechanical Engineer • Building Services (MEP) Engineer • Materials Engineer • Mechanical Engineer • Mechatronics Engineer • Production/ Manufacturing Engineer 	<ul style="list-style-type: none"> • Marine Engineer • Naval Architect • Ship Surveyor • Ship Design Engineer • Power Plant Engineer • Marine Propulsion Engineer

Moreover, successful graduates of the BScEngHons degree programme are eligible to enroll for any relevant postgraduate degree programme (MEng, MSc, MPhil, DEng or PhD) offered by the Faculty of Engineering University of Ruhuna or by other reputed universities world over.

At present, all the fields of specialization in the Bachelor of the Science of Engineering Degree Programme conducted by the Faculty of Engineering, have been granted “Full Accreditation” by the Institution of Engineers, Sri Lanka (IESL), a signatory to the “Washington Accord”. This is an International agreement to accredit professional engineering degrees offered by the universities. As a result, graduates of the Faculty of Engineering, University of Ruhuna enjoy the recognition of their degree by the countries signatory to the Washington Accord including but not limited to Australia, Canada, Taiwan, Hong Kong, Ireland, Japan, Korea, Malaysia, New Zealand, Singapore, United Kingdom and the United States.

Faculty of Technology

The Faculty of Technology consists of four departments, namely, Department of Engineering Technology (DET), Information and Communication Technology (DICT), Biosystems Technology (DBST), and Multidisciplinary Studies (DMS). The faculty offers following three, four-year honours degree programmes for students admitted under A/L Technology Stream.

1. Bachelor of Engineering Technology Honours [BET(Hons)] - Focused on Electromechanical Technology
2. Bachelor of Information and Communication Technology Honours [BICT(Hons)]
3. Bachelor of Biosystems Technology Honours [BBST(Hons)]

All degree programmes are designed with eight semesters of 15 weeks each. A minimum of 120 credits, including a six month industrial training, are offered under each degree programme. The department of Multidisciplinary Studies offers supplementary course units for all two degree programmes. The medium of instruction is English. Details of course units are posted on University web page.

Faculty of Agriculture

The Faculty of Agriculture, University of Ruhuna established in 1978 has now become the nerve center of agricultural research and education in Southern Sri Lanka. It is supported by seven Academic Departments and goes beyond the traditional growing of crops and animal production to take on a diverse and challenging career in Agricultural Sciences where students will use scientific, technological, management, economic, environmental and social principles to meet the world’s need for food, feed, fiber, and fuel (bio). To cater these needs, the Faculty of Agriculture, University of Ruhuna offers three undergraduate degree programmes, namely:

- a) Bachelor of Science in Agricultural Resource Management & Technology
- b) Bachelor of Science in Agribusiness Management
- c) Bachelor of Science of Green Technology

The three degree programmes aim to educate future leaders at the nexus of agriculture, environment and resource management, and empower them by providing rigorous training, an ethics of social change, and an intellectual community generating visions and models of alternative systems. The courses offered in all three degree programmes let the undergraduates get marketable experience and further help them prepare to enter the agricultural industry as knowledgeable and trained professionals through classroom and laboratory based sessions, internships, field visits, mentorships, and guest lectures led by experts and industry leaders.

(a) Bachelor of Science in Agricultural Resource Management & Technology

Bachelor of Science in Agricultural Resource Management & Technology degree is an exclusive, **4 years (8 semesters)** honours degree (**equivalent to SLQF level 6**) that offers a comprehensive wide-range of curriculum by well qualified academic staff, combined with real-world hands-on experiences and field experiments enabling graduates to discover emerging sophisticated technologies and management in place of conservative agriculture. Bachelor of Science in Agricultural Resource Management & Technology is carefully designed

to produce an expert of art and science of crop and livestock production technology and management with the developed mind-set and ethics to merge biological and physical resources in environmentally sensible manner for the production of food, fiber, renewable energy and other agricultural products for the betterment of mankind emphasizing the local, regional, national and international requirements. The entire degree program is offered in **English medium**. The well-structured curriculum is composed with agronomy, agro ecology, sustainable agriculture, forest management, export agricultural crops, plantation crops, field crops and vegetable production technologies, cropping systems and crop experimentations, floriculture, micro and macroeconomics theories, agribusiness management, human resource management, agricultural marketing, food biochemistry and food nutrition, food preservation technology, food microbiology, plant physiology, genetic and plant breeding, plant protection, sustainable waste management, farm power and mechanization, climatology and climate change predictions, post-harvest technology, irrigation and water management, GIS and remote sensing, and a number of courses aimed at personality and carrier development. Each student undertakes **02-month internship and 06-month research project** in reputed industries during their final year. The extensive range and multi-disciplinary nature of the courses in this degree enables graduates eligible to capable in almost all the field of professional work at the highest level with a bright future. According to a recent survey statistics, almost all Bachelor of Science in Agricultural Resource Management & Technology graduates were successful to acquire job opportunities in reputed organizations nationally and internationally in a short period of time.

(b) Bachelor of Science in Agribusiness Management

Bachelor of Science in Agribusiness Management degree is a distinctive, **4 year (8 semesters)** honours degree (**equivalent to SLQF level 6**) that offers a wide-range of courses by well qualified academic staff, combined with theoretical knowledge, real-world hands-on experiences and field experiments to enable graduates to discover the world of entrepreneur and business management. The degree programme is intended to provide an opportunity for students to acquire knowledge and skills of basic agricultural concepts, production of agricultural commodities, commercial abilities and business management tools. The entire degree programme is offered in **English medium**. The degree course covers micro economics, macroeconomics, farm power mechanization, information and communication technology in agriculture, forage crop production, applied statistics, agriculture development and policy, consumer behavior, agriculture finance, post-harvest technology, genetics and plant breeding, soil science, agribusiness management, book keeping and accountancy, fruit crop management, food and nutrition, molecular biology and biotechnology, animal nutrition and feeding, communication and knowledge dissemination, international trade, entrepreneurship, export agricultural crop management, food preservation and processing technology, land resource management, agriculture extension, organizational management, environmental impact assessment, career development, human resource management, agricultural marketing, tissue culture, landscape gardening, natural resource management and technical writing. Each student undertakes **02-month internship and 06-month research project** in reputed industries during their final year. The future professional career of graduates with BSc in Agribusiness Management degree is brilliant and promising, and they are competent of working in the highest levels of national and international organizations. Latest survey reveals that Bachelor of Science in Agribusiness Management graduates were successful to acquire employment opportunities in reputed organizations both locally and globally.

(c) Bachelor of Science in Green Technology

Bachelor of Science in Green Technology degree is a unique, **4 years (8 semesters)** honours degree (**equivalent to SLQF level 6**) that offers a comprehensive wide-range of courses by well qualified academic staff, shared with theoretical knowledge, real-world practical experiences and field experiments to facilitate graduates to realize the world of emerging modern green technologies and its advancements. A graduate in Bachelor of Science in Green Technology degree encompass with contemporary innovative technologies to cater the national and international advancement of science and technology professions with minimum environmental degradation towards current and future global development activities. The entire degree program is offered in **English medium**. The degree course covers environment management, energy analysis and management, renewable energy, sustainable land use and crop production, sustainable waste management and recycling, product quality management, production technologies for bio-products, environmental improvement, climate

change, environmental economics, life cycle assessment, Environmental bio technology, nanotechnology, water resource management, precision agricultural technology, eco-tourism, green building design, electronics and instrumentation, green chemistry, environmental footprints, database management, information & communication technology, Geographic Information System (GIS) and remote sensing, disasters and green solutions, innovation and technology transfer and efficient management of water resources, product quality management, and effective presentation skills. In the final year, each student undertakes **03-month internship and 06-month research project** in reputed industries where they need to explore innovative technologies to strengthen industrial linkages. The future professional career of graduates with Bachelor of Science in Green Technology degree is brilliant and promising and it can be assured that they are competent in working in the highest levels of national and international organizations. Almost all Bachelor of Science in Green Technology graduates who were graduated during last few years were successful to acquire job opportunities in reputed organizations nationally and internationally in a short period of time.

Faculty of Fisheries and Marine Sciences & Technology

Faculty of Fisheries and Marine Sciences & Technology of University of Ruhuna is the only faculty in the government university system of Sri Lanka which offers subject combinations of Fisheries & Marine Sciences, and Limnology & Water Technology, for degree programmes. The Faculty consists of three Departments namely: Department of Fisheries and Aquaculture, Department of Oceanography and Marine Geology, and Department of Limnology and Water Technology. The Faculty conducts courses under the 15 weeks based semester system and academic performances of undergraduate programmes are evaluated with on credit based Grade Point Average (GPA) system. Currently the faculty offers two Bachelors of Science Honours Degree (Four years Honours degree) programmes.

- (i) ***Bachelor of Science Honours in Fisheries and Marine Sciences Degree programme*** which consists of two specialization areas (a) Fisheries Science and (b) Aquaculture.
- (ii) ***Bachelor of Science Honours in Marine & Freshwater Sciences Degree programme*** which consists of two specialization areas (a) Oceanography and Marine Geology and (b) Water Sciences and Technology.

At the beginning of level -3 of the degree programme students are able to select the specialization area based on their performances and records in relevant course units. In order to complete above degrees candidates should undergo a three month industrial training and fulfill the requirement of submission of a dissertation based on research at the final year and earn 120 credits.

For more information please visit www.fmst.ruh.ac.lk.

EASTERN UNIVERSITY, SRI LANKA (BATTICALOA)

Course of Study	Subject Combination (Where prescribed)	M/I
Medicine	-	E
Agriculture	-	E
Biological Science*	Botany, Chemistry, Zoology, Comp.Sc	E
Physical Science*	A/Maths, Physics, P/Maths, Chemistry, Comp.Sc.	E
Management	-	E
Commerce	-	E
Arts	Arabic, Islamic Studies, Political Sc., Philosophy, Geography, Fine Arts, Sociology and Anthropology, English, Tamil, Comparative Religion, Economics Education, Hindu Civilization, Drama & Theatre, History, Christianity	T
Nursing #	-	E
Biosystems Technology (BST)	-	E
Translation Studies	-	E/T
Information Communication Tech.	-	E

The Eastern University will permit combinations of subjects taken from the Faculties of Science, Agriculture, Management Studies and Arts & Culture.

* Those in Biological Science and Physical Science could offer various course units from any of the subjects mentioned, subject to limitation of availability of places and staff.

Produce qualified Nursing Staff and enhance the Nursing Education in Sri Lanka.

Academic Programme

Introduction

Faculty of Science

The Faculty of Science conducts degree programmes under a semester based course unit system in English medium and adopts outcome based education where the graduate profile and programme outcomes are aligned with the course intended learning outcomes (ILOs); and the teaching- learning –assessment strategies are constructively aligned to course ILOs. The Faculty offers Bachelor of Science General and Bachelor of Science Honours degree programmes of duration three and four academic years respectively and the core of the curricula of these study programmes are through courses from Principal Subject Area and the remaining course units are covered from Auxiliary, Enhancement and Supplementary courses. The curriculum provides ample flexibility to accommodate students' interest in a wide spectrum of science disciplines.

The Faculty comprises with five academic Departments, Botany, Chemistry, Mathematics, Physics and Zoology and offers the following degree programmes:

- Bachelor of Science – BSc(General)
- Bachelor of Science Honours in Botany – BscHons(Botany)
- Bachelor of Science Honours in Chemistry – BscHons(Chemistry)
- Bachelor of Science Honours in Computer Science– BscHons(ComputerSc)
- Bachelor of Science Honours in Mathematics– BscHons(Mathematics)
- Bachelor of Science Honours in Physics – BscHons(Physics)
- Bachelor of Science Honours in Zoology – BscHons(Zoology)

A limited number of students are admitted to Bachelor of Science Honours degrees at the beginning of the third year of study on a competitive basis among students who meet the minimum admission criteria set by the Faculty based on their academic performance at the 100 and 200 levels.

At the beginning of the first year students are expected to choose one of the following Principal Subject combinations for the study and the scope for degree awards for a particular combination is also highlighted in the table below.

Principal Subject combinations offered at 1 st year	Scope for Degree awards	
	SLQF Level 5	SLQF Level 6
Physical Science Stream		
Chemistry, Mathematics-I, Physics	BSc(General) – with two or three Principal Subjects (remaining course units is covered from Supplementary Courses and/or courses from Principal Subject Area)	BScHons(Chemistry) or BScHons(Physics)
Chemistry, Mathematics-I, Mathematics-II		BScHons(Mathematics) or BScHons(Chemistry)
Computer Science, Mathematics-I, Mathematics-II		BScHons(Mathematics) or BScHons(ComputerSc)
Mathematics-I, Mathematics-II, Physics		BScHons(Mathematics) or BScHons(Physics)
Computer Science, Mathematics-I, Physics		BScHons(Physics) or BScHons(ComputerSc)
Chemistry, Computer Science, Mathematics-I		BScHons(Chemistry) or BScHons(ComputerSc)
Biological Science Stream		
Botany, Chemistry, Zoology		BScHons(Botany) or BScHons(Chemistry) or BScHons(Zoology)

Note that admission to certain subject combinations (for Physical Science Stream) may be more competitive.

SOUTH EASTERN UNIVERSITY OF SRI LANKA (OLUVIL)

Course of Study	Subject Combination (Where prescribed)	M/I
Arts	Economics, Philosophy & Psychological Counseling, Sociology, History, Statistics, Tamil, English, Sinhala, Hindu Civilization, Geography, Geographic Information System, Politics & Peace Studies, Bureaucracy and Public Policy, Trilingual Studies, Information Communication Technology, Teaching English as a Second Language.	T
Management ☞	-	T/E
Commerce	-	T/E
Management and Information Technology (SEUSL)♣	-	E
Biological Science #	Biology, Chemistry, Applied Statistics, Physics, Earth Science, Computer Sc. plus Common Compulsory & Optional Subjects *	E
Engineering	-	E
Physical Science #	Computer Science, Mathematics I, Mathematics II, Applied Statistics, Chemistry, Physics, Earth Science, Plus Common Compulsory & Optional Subjects *	E
Islamic Studies	Islamic Thought & Civilization, Islamic Banking & Finance, Islamic Law & Legislation, English, Sociology, Political Science, Tamil, Accountancy and Finance, Economics, Education	T/E
Arabic Language	Language and Literature, Linguistic & Translation, English, Sociology, Political Science, Tamil, Accountancy & Finance, Economics, Education	A/T/E
Biosystems Technology (BST)	-	E
Information Communication Technology	-	E

☞ The Faculty of Management and Commerce offers three (3) degree programmes; Bachelor of Business Administration, Bachelor of Commerce, and Bachelor of Science in MIT. The Bachelor of Business Administration and Bachelor of Commerce programmes which are honours degree programmes of four (4) years duration are available in either English or Tamil medium. The Bachelor of Business Administration programme also has specializations in Accounting, Finance, Information System, Marketing and Human Resource Management. The Bachelor of Science in MIT, a three (3) years degree programme, is available in English medium only.

* Compulsory and optional courses are English, Biology for Mathematics, Mathematics for Biology, Basic Environmental Science, Social Harmony, Career Development, Introductory Statistics, Computational Mathematics, Information Technology, Stress Management, Information Literacy, Basic Climatology, Introduction to Toxicology, Work Etiquette and Effective Communication, Principles of Economics, Leadership and Team work, Principles of Management, Research Methodology, Project Analysis, Bio Ethics, Peace and Conflict Management, Human Resource Management and Intensive Industrial Training.

The FAS consists of four departments, namely Biological Sciences, Chemical Sciences, Mathematical Sciences and Physical Sciences. The faculty offers three-years General Degree and four-years Honours Degrees in Applied Biology, Applied Statistics, Botany, Chemistry, Computer Science, Mathematics and Physics. In addition, a four-year Honours Degree in Applied Sciences is obtainable.

♣ **Management & Information Technology (SEUSL)**

1. To develop fundamental skills in Information Technology, Business Systems and Modeling and Analysis which will enable the effective application of the management concepts of Business Strategy, Business Development, Managing People and Organizations, Projects and Operations with a Background in Marketing and Finance and Management and Administration.
2. The use of Information Technology skills which will help leverage Management knowledge thereby moving the local organizations to successfully compete in the global market place.
3. To make managers competent with a sound theoretical background in chosen functional areas while supplementing their studies with practical cases and assignments to make the classroom a virtual laboratory for learning.
4. To encourage the students and staff to engage actively in Teaching, Research and offering extension services to industry.
5. To act as a Human Resource development center for Information Technology for the country.

Faculty of Technology

The South Eastern University of Sri Lanka (SEUSL) will offer the following two honours degree programmes for technology stream students under the Faculty of Technology.

1. Bachelor of Biosystems Technology Honours in Agricultural Technology [BBST(Hons)]
2. Bachelor of Information and Communication Technology Honours [BICT(Hons)]

The curriculum constitute of taught courses, laboratory and field sessions, seminars, industrial training and projects such as research, product development, business, innovation and system development. The main mode of delivery of the curriculum will be lectures and laboratory classes. The student centered learning will be facilitated by web based learning materials and some continuous assessments will be administered through Virtual Learning Environment. In addition, laboratory and field activities and reporting, self-studies (library / field based assignments, presentation, group assignments), large and small group discussions, tutorial discussions etc. inbuilt into the course will enhance student centered learning.

On completion of the course of study, the graduates will be equipped with sound knowledge and skills on agricultural technology integrated with background knowledge on relevant sciences and other disciplines. Graduates in agricultural technology can integrate the technology and sciences with managerial skills for careers in production and service sectors in the modern agricultural context.

The graduates who have completed BICT Honours will be having a unique mix of technical and managerial competency, with skills applicable to the ICT sector and its diverse areas of business. In addition, the degree programme will gear the students towards producing ICT professionals, with the ability to adapt to the rapid developments in Information & Communication Technologies.

RAJARATA UNIVERSITY OF SRI LANKA (MIHINTALE)

Course of Study	Subject Combination (Where prescribed)	M/I
Medicine	-	E
Arts*	Information Mgt., Heritage Mgt., Anthropology, Environmental Mgt., Tourism, Water Resource Dev. & Mgt.	S
Management	-	S/E
Agriculture #	-	E
Applied Sciences (Bio.Sc.) +	-	E
Applied Sciences (Phy.Sc.) +	-	E
Health Promotion	-	E
Information and Communication Technology (ICT)	-	E
Tourism & Hospitality Management	-	E
Engineering Technology (ET)	-	E
Biosystems Technology (BST)	-	E
Information Communication Technology	-	E

Faculty of Social Sciences and Humanities *

Faculty of Social Sciences and Humanities is offering eight degree programmes as follows.

S/N	Degree programme	Abbreviation	Time duration	Medium of Instruction
01	BA	BA	3 years	Sinhala
02	BA Honours in History	BAHons(Hist)	4 years	Sinhala
03	BA Honours in Archeology and Heritage Management	BAHons(Archae)	4 years	Sinhala
04	BA Honours in Economics	BAHons(Ec)	4 years	English
05	BA Honours in Environmental Management	BAHons(Env Mgt)	4 years	English
06	BA Honours in Mass Communication	BAHons(Mass Comm)	4 years	Sinhala
07	BA Honours in Sinhala	BAHons(Sinhala)	4 years	Sinhala
08	BA Honours in Sociology	BAHons(Sociol)	4 years	Sinhala/English

Bachelor of Arts Degree Programme

The subject specific course of the Bachelor of Arts Degree Programme at Faculty of Social Sciences and Humanities is through courses offered in 18 major disciplines. Respecting the interest of students, they will be permitted to select three of the disciplines for the Bachelor of Arts Degree Programme in the first year first semester. In the second year first semester, students who follow the Bachelor of Arts Degree must select the major subject out of the three subjects in which he/ she should complete the project report. Each discipline has been allocated equal credit limits. Industrial training and research should be completed during their 3rd year 2nd Semester.

Following are the disciplines of the major subjects.

Archaeology, Chinese, Economics, Education Science, English, Environmental Management, French, Hindi, History, Japanese, Management, Mass Communication, Sinhala, Sociology, Statistics, Tourism Management, Water Resources Management, Heritage Management.

Bachelor of Arts Honours Degree Programme

Students will be selected for the Honours Degree Programme on their performance at 1st year examinations. They should continue their studies according to the selected area of specialization from 2nd year onwards. They should complete the research during their 4th year 2nd semester.

Faculty of Management Studies

Faculty of Management Studies offers the following degree programmes. The duration of the programmes is four (04) years and the medium of instructions is English.

1. Bachelor of Science Honours in Accountancy & Finance
2. Bachelor of Science Honours in Business Management
3. Bachelor of Science Honours in Tourism and Hospitality Management
4. Bachelor of Science Honours in Marketing Management
5. Bachelor of Science Honours in Human Resource Management
6. Bachelor of Science Honours in Information Systems

The students for the Bachelor of Science Honours in Tourism & Hospitality Management degree programme are selected through the University Grants Commission via a separate window. The Students for other degree programmes are selected using Z-Score, student preference, and district rank at the onset of the admission to the Faculty.

Faculty of Agriculture

Bachelor of Science Honours in Agriculture Degree [BScHons (Agriculture)]

This degree programme has been designed to address to the current needs in the field of Agriculture with the aim of producing graduates with required knowledge, skills and attitudes through more depth and wide theoretical aspects and practices. The Faculty offers four year honours degree in Agriculture. Within the first 05 semesters, all general aspects in core areas of Agriculture such as crop production and management technology, animal sciences and animal farming, knowledge on soils, water management, farm machinery, farming systems etc. are to be covered. In addition to that, courses on English language and applied knowledge in Computer Literacy have also been included to enhance the career opportunities and capabilities. Within the next 02 semesters, students have the opportunity to select a specialization module out of the 08 specialization modules namely Agricultural Engineering, Environment and Soil Management, Agricultural Economics and Extension, Agricultural Systems and Management, Animal Production and Technology, Food and Postharvest Technology and Crop Science. The programme has also been included an independent research study and practical industrial training component to provide the undergraduates with an opportunity to experience the practical aspects of the theoretical knowledge. Multidisciplinary nature of this study programme makes graduates to excel in any field of work, in the maximum capacity.

Faculty of Applied Sciences

+ A course credit system is in operation in the Faculty of Applied Sciences. A student is required to take course units amounting to a minimum of 30 credits each year. There are several course combinations available in the first and second year from among the following subjects; Biology, Botany, Zoology, Chemistry, Physics, Computer Science, Pure Mathematics, Applied Mathematics. In the third year and fourth years a greater flexibility of selection: Applied Biology, Applied Botany, Applied Zoology, Applied Physics, Computer Science, Industrial Chemistry, Industrial Mathematics, Financial Mathematics.

Bachelor of Science Degree in Health Promotion

The Faculty of Applied Sciences of Rajarata University of Sri Lanka has the privilege of offering the one and only Bachelor of Science degree programme (General and Honours) in Health Promotion in the entire South East Asian region. Health promotion is a community oriented process that is currently used all over the world to achieve better health outcomes and accepted by many countries as an efficient and a cost effective

way to promote individual and community well-being. It can bridge the gap between existing development challenges and desirable changes in attitudes and practices of community members.

The purpose of the study programme is to produce nationally and internationally recognized professionals with competencies in promoting well-being. The graduates will acquire the required knowledge in Health Promotion along with the skills to play an effective role in promoting wellbeing of people while getting nationally and internationally recognized professional qualification in Health Promotion.

The curriculum is composed of theory and field work where the theoretical components are designed to provide a broad understanding and essential knowledge on the disciplines of promoting health which are required to be practiced in the field placement. The study program offers a unique but a well recognized mode of community engagement and catalyzing collective community action through community based Health Promotion. In partnership with local, regional and national stake holders, undergraduates are encouraged to design and apply health promotion interventions focused on improving and promoting health and wellbeing of individuals, community and population. At the completion of the degree programme graduates will be able to assess the health promotion needs of individuals, various groups and communities and design, implement and evaluate the impact of various health promotion strategies, programmes and policies. In addition, students will improve their competencies in addressing key areas of national and global importance in health and wellbeing including improving child wellbeing, reducing malnutrition, preventing non - communicable diseases including reducing substance use problems, suicide and violence.

Faculty of Technology

The Faculty of Technology, Rajarata University of Sri Lanka was established on 30th June, 2017 in Mihintale Campus. The Faculty currently consists of five departments, namely:

- Department of Bioprocess Technology
- Department of Food Technology
- Department of Electrical and Electronic Technology
- Department of Materials Technology
- Department of Information and Communication Technology

The Faculty offers three-honours degree programmes (SLQF Level 6) in five major subject areas. In the first two semesters, all students in a specific Degree Programmes follow a common set of core courses. From the third semester onwards, based on the students' preference and their performance in the first two semesters, they will be selected to the specializations as follows.

Degree Programme	Major Subject Area
Bachelor of Biosystems Technology Honours [BBST(Hons)]	Bioprocess Technology
	Food Technology
Bachelor of Engineering Technology Honours [BET(Hons)]	Electrical and Electronic Technology
	Materials Technology
Bachelor of Information and Communication Technology Honours [BICT(Hons)]	Information and Communication Technology

BBST(Hons) Degrees are designed as per the accreditation requirements of National Biotechnology Industry Association (NBIA). BICT(Hons) Degree is designed as per the accreditation requirements of Computer Society of Sri Lanka (CSSL).

BET(Hons) Degrees are designed as per accreditation requirements of Institution of Engineers Sri Lanka (IESL) and are expected to meet the requirements of Sydney Accord.

Bachelor of Biosystems Technology Honours in Bioprocess Technology

Bachelor of Biosystems Technology Honours in Bioprocess Technology offers a multidisciplinary approach to solve problems and develop applications in the fields of Agricultural, Medical, Food and Industrial Biotechnologies. The programme provides hands-on skills in cutting-edge technologies such as bioreactor operation and design, scanning electron (SEM) and fluorescent microscopy, micro manipulation and gene gun based transformation, and UPLC-MS/MS based metabolomics. The curriculum of the programme has been developed by utilizing inputs of the academia and the industries based on a series of stakeholder meeting and comments of the national and international experts in Biosystems Technology including Chalmers University of Technology Sweden and Wageningen University Research (WUR) Netherlands. Based on strong collaborations with foreign universities such as Michigan State, USA, and Chunnam and Jeju Universities, South Korea, the programme offers a global perspective in research and teaching on par with the latest developments in Bioprocess Technology. The local and international career opportunities for the students who successfully complete the programme include the following.

- Bioprocess Technology Consultants
- Bioprocess Technologists
- Bioprocess Product Managers
- Bioprocess Technicians
- Bioprocess Product Developers
- Biotechnologists
- Bioinformaticians and Computational Biologists
- Drug Designers
- Lecturers and Research Officers

Bachelor of Biosystems Technology Honours in Food Technology

The Department of Food Technology is one of the leading academic departments of Rajarata University of Sri Lanka, working to enhance knowledge and contribute to the professional life of university students seeking to serve the community in the field of food technology. Our department conducts research on food science and technology and educates students to meet the requirements of the food industry. Department consists of six laboratories. Namely, functional food and food toxicology, food engineering, food biotechnology, food nutrition, culinary and sensory science and food pilot plant.

Physical, chemical and biological properties of food starting from farm to the fork are studied in the department using tools of chemistry, microbiology, engineering and other basic sciences. Our department conducts research on food science and technology and educates students to meet the requirements of government and food industries in the fields of food chemistry and physics, functional food, food safety, food microbiology, grain, dairy science technology, food additives and nutrition. Our graduates could find careers in the areas of food processing industry, consulting, teaching, technical sales and service, management, inspection, product development provided by governmental agencies or private sector.

Bachelor of Engineering Technology Honours in Electrical and Electronic Technology

Bachelor of Engineering Technology Honours in Electrical and Electronic Technology degree programme enables the graduates to engage in careers in local and international industries and to be an entrepreneur in the fields of Electrical & Electronics Technology. Students, who follow this degree programme will gain knowledge and skills in four highly demanding areas. Those are,

- Electrical & Power Technology
- Electronic Technology Telecommunication
- Automation

Students will be covering basic concepts of Electrical & Electronics Technology through a highly practical environment during their first two years at the faculty. In the first half of the third year they will be introduced to different areas in Electrical & Electronics. In the second half of the third academic year all students will complete a six month long internship at an industrial facility. The final year is allocated for the research

project and advanced courses in Electrical & Electronic Technology. Once successful completion of the degree students will be able to be recruited or to start their own industries in the following fields,

- a. Electrical installations
- b. Power generation and distribution
- c. MEP (Mechanical Electrical and Plumbing) works in the construction sector
- d. IoT based product development
- e. Embedded system repair, assembly and installation
- f. Mobile communication network management and maintenance
- g. Fiber optics communication equipment handling and maintenance
- h. Production automation in food, handcraft and polymer manufacturing

Bachelor of Engineering Technology Honours in Materials Technology

Bachelor of Engineering Technology Honours in Materials Technology degree programme aims to create graduates specializing in the fabrication, processing and manufacturing of materials. The students of the programme will undergo extensive training in applications related to metals, ceramics, polymers, glasses, composites and minerals. The programme focuses on materials testing, Computer Aided Design (CAD), manufacturing techniques, quality management and other aspects of materials production. During the third academic year students have to undergo a six month long industrial training in an industrial facility. In the final year students will complete a research project in which they do creative work in materials technology. Some possible employment opportunities for the graduates of the programme are given below.

- Industrial Engineering
- Production Management
- CAD Drafting
- Construction Materials Analyst
- Engineering Management
- Machinist
- Quality Assurance
- Laboratory Technologist
- Research and Development

Bachelor of Information and Communication Technology Honours

The Bachelor of Information and Communication Technology Honours Degree Programme is designed to produce high quality skilled graduates who are capable of fulfilling the requirements in both the local and international IT industries. The curriculum has been enriched with all the areas of new technologies such as Artificial Intelligence, Internet of Things, Data Science, Mobile Computing, Networking & Security etc. The degree programme is designed with the inputs from leading industry personnel in Sri Lanka. Students who wish to follow this degree programme should pass the Science for Technology and Information and Communication Technology subjects at the G.C.E. (A/L) examination under Technology Stream. The first two years of the degree programme consists of compulsory ICT courses while in the third and fourth year students are exposed to a variety of specialized courses where they get the opportunity to select their interested area. Group projects are conducted throughout the first three years where the students get to apply their knowledge and develop skills to work in a group. During the final year there is a research project to be completed and an Industrial Training component in which the students gain exposure to the industry.

Summary of Degree Programmes

BBST (Hons) in Bioprocess Technology	BBST (Hons) in Food Technology	BET (Hons) in Electrical and Electronic Technology	BET (Hons) in Materials Technology	BICT (Hons)
Bioprocess Technology and Biotechnology	Food Process Engineering	Electronic	Ceramics	Networking
Molecular Biology	Food Biotechnology	Electrical Power	Polymers	Web Development
Microbiology and Immunology	Food Nutrition	Automation	Metallurgy	Security
Bioinformatics and Computational Biology	Sensory Evaluation	Telecommunication	Manufacturing	IoT and Embedded Systems
Pharmacology	Functional Food Toxicology	Computer and Information Technology	Materials Testing	Mobile Computing

SABARAGAMUWA UNIVERSITY OF SRI LANKA (BELIHULOYA)

Course of Study	Subject Combination (Where prescribed)	M/I
Medicine	-	E
Arts (SAB)	-	S/E
Management	-	E
Agriculture	-	E
Food Science & Technology	-	E
Applied Sciences (Phy.Sc)	-	E
Applied Sciences (Bio.Sc)	-	E
Surveying Science	-	E
Sports Science & Management	-	E
Physical Education	-	E
Tourism & Hospitality Management	-	E
Translation Studies	-	S/E
Food Business Management	-	E
Engineering Technology (ET)	-	E
Biosystems Technology (BST)	-	E
Software Engineering	-	E
Information Systems	-	E
Data Science	-	E
Teaching English as a Second Language (TESL)	-	E

Faculty of Medicine

Course of Study in Medicine (MBBS Programme)

The duration of the MBBS degree course will be five years. The medium of instructions and the assessment of the programme of study is English. The curriculum is integrated, system based and divided into three phases: Phase I, Phase II and Phase III as Preclinical, Paraclinical and Clinical respectively. The preclinical subjects that cover the normal structure and function of the human body are taught during the first three semesters. The Personal and Professional Development (PPD) Stream shall also commence in the Phase I. The Paraclinical subjects are taught from the 4th to the 7th semesters where students learn various diseases affecting the body and the related abnormal bodily structure and function in each condition along with Community Medicine

and the PPD stream. The Phase III comprises of the final year professorial appointments in Medicine, Surgery, Obstetrics and Gynecology and Paediatrics and Psychiatry inclusive of attachments in Family Medicine. The Ratnapura Teaching Hospital will be facilitating all requirements for the clinical practices.

The undergraduates will be assessed with continue assessments and final end course examinations consisting of three major examinations as Second MBBS, Third MBBS and the Final MBBS.

The undergraduates will have the opportunity to be expose to the clinical relevance of each subject through hospital visits, meeting patients, visiting hospital laboratories and paper based case studies from the first semester. As a main feature for this programme, subjects taught are integrated horizontally and vertically to ensure the maximum correlation at each level of teaching and learning where students will be in a position to apply the knowledge of the basic science into the skills of diagnosis and interpretation.

The mission of our MBBS degree programme is to educate medical students, in accordance with the highest professional standards; to prepare clinicians to practice patient – centered medicine of the highest standard; and to identify and answer fundamental questions in the mechanisms, prevention and treatment of disease, in health care delivery and in the basic sciences.

Hence, the Faculty is dedicated to produce medical professionals of tomorrow, who are generously motivated and who could contribute to fulfill the healthcare needs of the local, national and international populations irrespective of their socioeconomic status, ethnicity, gender, identity, disability and age with sympathy, commitment and proficiency. Furthermore the faculty will also provide sufficient knowledge, skills and training in research, health promotion and disease prevention using state of the art technology.

Therefore, who are successful in the Final MBBS examination would be recommended for the internship training and be registered with the Sri Lanka Medical Council as medical practitioners. Furthermore, our MBBS graduates would be competent to work as part of, and to lead a multi-disciplinary health care team succeeding in their medical career.

Faculty of Agricultural Sciences

The Faculty of Agricultural Sciences offers a four year Bachelor of Science (Agricultural Sciences and Management) degree programme. The faculty is composed of three departments of study; Department of Agribusiness Management, Department of Export Agriculture and the Department of Livestock Production. The Department of Agribusiness Management is the pioneer department in agribusiness teaching and research in the Sri Lankan university system. The details of the Bachelor of Science in Food Business Management programme offered by this department are given elsewhere. The Department of Export Agriculture offers three study modules; Agri - Environmental Resource Management, Crop Improvement and Plant Protection and Crop Production Technology. The modules of Aquatic Bio-resource Management, and Animal Bio-resource Management are offered by the Department of Livestock Production.

Four years of full-time study is considered as a minimum requirement to acquire the necessary knowledge, skills and attitudes required for a graduate in agricultural sciences. The four years will comprise of eight semesters; two semesters per year, with each semester of 15 weeks duration. Students will study in the core programme during the first two years and in a specialization during the last two years of their study programme. The minimum requirement of credits to graduate from this study programme will be 130.

Specialization modules:

A specialization module provides flexibility for a student to pursue a subject area of his/her interest for advanced training in the subject discipline. Students should select a specialization module (programme) from the areas of Agro-environmental Resource Management, Crop Improvement and Plant Protection, Crop Production Technology, Aquatic Bio - resource Management, Animal Bio-resource Management, or Agribusiness Management at the end of completion of the core programme. These specialization modules are identified as having a high demand in the job market. In the last semester, students will be placed in industries to fulfil the industrial training requirement of the degree programme. The core programme is comprised of compulsory courses while the specialization programme will have compulsory and elective courses.

Industrial training and dissertation:

This has been identified as one of the strong components of the curriculum. This would bring students to the real working world. During this programme, each student will address an identified problem in an industry related to their area of specialization.

English language and Information Technology will be taught as compulsory course units in the first three years paying attention to key skills necessary to follow the degree programme and for postgraduate studies. Students will get hands on experience on IT during their tenure at this faculty.

Bachelor of Science in Food Business Management

Bachelor of Science in Food Business Management degree programme leading to a four year honours degree is offered by the Department of Agri Business Management of the Faculty of Agricultural Sciences Sabaragamuwa University of Sri Lanka. This is a new degree programme offered from 2016.

The degree programme offers a unique opportunity to acquire a comprehensive training in food business management with a thorough understanding of the food industry. This programme will develop essential creative and specialist technical skills in food business management and marketing together with a practical understanding of food product design and development. Students choosing BSc in Food Business Management will have two characteristics: an enthusiasm for food industry and an interest towards a career in food business and marketing.

The key features of the Bachelor of Science degree programme in Food Business Management are :

- A rigorous, stimulating and enjoyable training in two inter-related disciplines - food business management and marketing
- An international reputation for excellence in teaching and research related to the food chain in both the natural and social sciences. Much of the teaching will be conducted by business management, marketing and food science specialists within the department, faculty and industry.
- Strong links with industry and the business management and marketing professions. It holds joint events with expert speakers from the industry and various other organisations connected with the food industry.
- Real world experience through visits to businesses within the food chains. Students will also do individual and group project work emphasising the application of food business and marketing principles to real business situations.
- An excellent learning environment at the faculty in general and the department in particular.

Demand for well-trained graduates in the business management and marketing functions of the food industry is strong. Potential employment areas include business management, marketing, market research, new product development, sales, buying, retail management, value chain management, human resource management, policy analysis, management consultancy, finance and accounting in food industry.

Faculty of Applied Sciences

The Faculty of Applied Sciences consists of four (04) Departments namely,

1. Department of Natural Resources
2. Department of Physical Sciences and Technology
3. Department of Food Science and Technology
4. Department of Sport Sciences and Physical Education

The four Departments under this Faculty offer the following degree programmes. The undergraduates enrolled in the departments of Natural Resources and Physical Sciences and Technology have an opportunity to follow either a three - year general degree or a four-year honours degree programme according to their choice.

All the degree programmes offered by the Faculty of Applied Sciences are conducted exclusively in English medium. A semester based (15 weeks per semester) course credit system is operated in the Faculty for all the degree programmes.

The Degree Programmes:

1. Honours Degree in Food Science and Technology
2. Honours Degree in Environmental Sciences and Natural Resource Management
3. General Degree in Environmental Sciences and Natural Resource Management
4. Honours Degree in Chemical Technology
5. Honours Degree in Computer Science and Technology
6. Honours Degree in Applied Physics
7. General Degree in Physical Sciences
8. Honours Degree in Physical Education
9. Honours Degree in Sport Science & Management

Department of Physical Sciences and Technology

Under the Applied Sciences (Physical Sciences) stream, the department offers a three-year degree programme in Physical Sciences and four - year honours degree programmes in Computer Science and Technology, Chemical Technology and Applied Physics. These programmes are designed to cater to the current job demand of the country. Hence the curriculum consists of applied oriented subjects in disciplines of Chemistry, Physics and Computer Studies. A unique feature of the course is that at the final year second semester all the students must undergo an Industrial or Research training for a period of 15 weeks. On completion of the project, a report should be submitted which will be evaluated along with an oral presentation.

Chemical Technology: Electrochemical Technology, Polymer Technology, Industrial Chemistry, Medicinal & Pharmaceutical Chemistry, Natural Product Chemistry, Analytical Chemistry, Environmental Chemistry, Chemistry of Bioinorganic Molecular and Food Chemistry.

Computer Science and Technology: Programming Techniques, Internet Programming, Database Management System, Software Engineering, Computer Graphics, Image Processing, Object Oriented Design, Artificial Intelligence and Artificial Neural Networks, Operating Systems.

Applied Physics: Electronic, Quantum Mechanics, Semiconductor Physics, Electricity and Magnetism, AC Theory and Circuits, Physical Optics, Fiber Optics and Communication and Atomic & Nuclear Physics.

Department of Natural Resources

Two degree programmes in Environmental Sciences and Natural Resource Management are offered by the Department of Natural Resources. The department pioneered the first degree programmes in Environmental Sciences and Natural Resource Management in Sri Lanka. The duration of the honours degree programme is four years with an exit point after three years upon the willingness of the student. Mathematics, Statistics, Chemistry, Physics, Computer Science and Basic Management Principles are offered as fundamental subjects in the first year. The course syllabus consists of diverse subjects such as, Environmental Science, Natural Resource Utilization and Management, Forestry, Earth Management, Computer Science and Biology are offered during the first year. In the second, third and fourth years the Science, Hydrology, Biodiversity Conservation, Natural Resource Economics, Soil Science, Soil Erosion & Conservation, Waste Management, Environmental Impact Assessment, GIS/Remote Sensing, etc.

The above subjects are directed under three major streams; namely, Environmental Sciences, Conservation Biology and Earth Sciences. At the final year, in addition to their course work, the students are required to follow a Research/ an Industrial training component for a period of 15 weeks. On completion of the project, a report should be submitted which will be evaluated along with an oral presentation.

Department of Food Science and Technology

The Food Science & Technology honours degree programme offered by the Department of Food Science & Technology is to produce graduates to disseminate knowledge in the field of Food Science & Technology shouldering managerial, supervisory, research & development skills. Fundamental subjects; Chemistry, Physics, Mathematics, Statistics, Management, Computer Science and Biology are offered during the first

year. In the second, third and fourth years the students are offered course units related to the disciplines of Food Chemistry, Food Analysis, Food Microbiology, Food Engineering, Food Processing Technologies and, Nutrition and Quality Management.

At the final year, in addition to their course work, the students are required to follow a Research / an Industrial training component for a period of 15 weeks. On completion of the project, a report should be submitted which will be evaluated along with an oral presentation.

Department of Sport Science and Physical Education

Sport Science & Management Degree Programme

Under the Sport Science & Management stream, the Faculty offers a honours degree in Sport Science and Management. Initiatives have been taken to establish a separate Faculty for Sports and Physical Education to conduct this programme. The programme is designed to fulfill the country's requirement for trained specialists in the field of Sport Science and Management. The four years of the programme cover sports subjects as well as relevant fundamental subjects. The students will gain theoretical and practical knowledge in the areas of Sports Management and Administration, Sports Psychology, Biomechanics, Sport Nutrition, Sport Medicine, Sport Law, Sport Budgeting and Finance and Theory of Training and Coaching Practicing. Practical aspects of major sports are also offered throughout the four years. The students can specialize in a selected sport during their third and fourth years.

At the final year, in addition to their course work, the students are required to follow a Research component for a period of 15 weeks. On completion of the project, a report should be submitted which will be evaluated along with an oral presentation.

Physical Education Degree Programme

Under the Physical Education stream, the Faculty offers a honours degree in Physical Education. Initiatives have been taken to establish a separate Faculty for Sports and Physical Education to conduct this degree programme. The programme aims at producing specialists in the field of Physical Education to fulfill the country's requirement for professionals in the educational sector. The core subjects such as Physical Education for Schools, Play and Early Childhood Development, Developing skills and Methods for Teaching, Physical Education, Administration of Physical Education and Coaching Methods are offered throughout the course along with relevant fundamental subjects.

At the final year, in addition to their course work, the students are required to follow a Research component for a period of 15 weeks. On completion of the project, a report should be submitted which will be evaluated along with an oral presentation.

Faculty of Geomatics

The faculty consists of the following two departments:

- (1) Department of Surveying and Geodesy
- (2) Department of Remote Sensing and Geographical Information System

Degree Programme

The four –year degree programme in Surveying Science will cover principles of Surveying Science, Geodesy, Adjustment Theory, Cartography, Photogrammetry, Remote Sensing, GIS, Cadastre, Hydrographic Surveying as well as Mathematics, Physics, Computer Applications, Management, Environmental Science etc.

The degree programme is conducted over eight (08) semesters. The subjects in the core programme focusing on all branches of Surveying are taught during the first five (05) semesters, which are common to all students. During the next three semesters, the students follow one of the five areas of specialization programmes: (i) Surveying and Geodesy, (ii) Land Management, (iii) Hydrographic Surveying, (iv) Remote Sensing, and (v) GIS. The last semester is reserved for industrial training.

Internationally, this programme is accredited by the Royal Institution of Chartered Surveyors (RICS) from 2015. Additionally, the specialization degree in Hydrographic Surveying has also been recognized by the International Board on Standards of Competence (IBSC) for Hydrographic Surveyors and Nautical Cartographers in Category B level (FIG/IHO/ICA-Cat B). Additionally, the faculty is an academic member of the International Federation of Surveyors (FIG).

Faculty of Management Studies

The Faculty of Management Studies commenced its programmes in September 1996. The Faculty offers four year Bachelor of Science honours degree programmes. The students are allocated to these programmes at the beginning of the first year. English is the medium of instructions. The following degrees are awarded to those who successfully complete the courses through four Departments of study namely Department of Accountancy & Finance, Department of Business Management, Department of Marketing Management and the Department of Tourism Management.

Department of Accountancy & Finance	- Bachelor of Science Honours in Financial Management Bachelor of Science Honours in Banking & Insurance
Department of Business Management	- Bachelor of Science Honours in Business Management
Department of Marketing Management	- Bachelor of Science Honours in Marketing Management
Department of Tourism Management	- Bachelor of Science Honours in Tourism Management Bachelor of Science Honours in EcoBusiness Management Bachelor of Science Honours in Hospitality Management

All the degree programmes of the faculty consist of eight semesters of full time study with two semesters in each year. A semester comprises of 15 calendar weeks. The student is required to complete several course units with a minimum of 120 credit volumes, including a four month practical training and an independent research study in the final semester.

Examinations are conducted at the end of the each semester. Grade Point Average (GPA) system is in practice to assess the performance of undergraduates. The undergraduates are required to carry out a four month period of practical training in an organization accepted by the faculty and an independent research study relevant to their field of specialization.

Brief descriptions of the degree Programmes offered by the Faculty

Bachelor of Science Honours in Financial Management

This degree programme has specially been designed for the students who wish to pursue a career in the field of finance. Many of the courses taught under this programme are similar to the course units offered in professional examinations of major accounting bodies. The student who complete this degree programme will be able to seek exemptions from some course units of such professional accounting bodies.

Bachelor of Science Honours in Banking and Insurance

The Bachelor of Science Honours in Banking & Insurance degree programme has been specially designed to equip the students with knowledge, talents, skills and attitudes to be effective and productive managers in the field of Banking and Insurance in local and global spheres. Further, it attempts to create Banking & Insurance graduates with both theoretical knowledge and practical applications. It also gives a sound background to the undergraduates, providing course units that fulfill the student, community and industry needs and demand.

Bachelor of Science Honours in Business Management

This degree programme offers students the opportunity to pursue careers in Management, Business and Commerce related areas. It has been designed to equip students with knowledge, skills and attitudes necessary to meet the challenges of the modern business world.

Bachelor of Science Honours in Marketing Management

This degree programme has been designed to produce skillful and employable graduates who are capable of meeting the challenges in the field of marketing. The students specialized in Marketing Management have the opportunity to pursue in manufacturing, transportation, communication, public utilities, merchandising, insurance, health care, banking and government agencies.

Bachelor of Science Honours in Tourism Management

This degree programme is only one of this kind in Sri Lanka which has been designed to provide student with the knowledge and skills that form the basis for an effective approach to management in various sectors of the Tourism Industry. The students who specialize in Tourism Management learn another foreign language during their course of study. On successful completion of the programme, the graduates will be equipped for the positions leading to senior management in all sectors of the tourism industry in both Sri Lanka and abroad.

Bachelor of Science Honours in Eco Business Management

This degree programme has been designed to provide high quality, interdisciplinary basic degree qualifications to students who wish to start their careers committed to excel in businesses and industries that are increasingly turning to new technical solutions to environmental problems and approaches for sustainable operations. The prime concern of this programme is to develop core management skills, enhancing problem solving capabilities, encouraging the development of key personal skills and allowing managers to be sensitive to issues in sustainable development.

Bachelor of Science Honours in Hospitality Management

This degree programme has been designed to provide student with the knowledge and skills that form the basis for an effective approach to management in various sectors of the hospitality industry. Students will be taught theoretical and practical based learning environment. The students who specialize in Hospitality Management may learn another foreign language during their course of study. On successful completion of the programme, the graduates will be equipped for the positions leading to senior management in hospitality industry in both Sri Lanka and abroad.

Faculty of Social Sciences and Languages

Arts (SAB)

Students who have satisfied the minimum requirements for the admission in Arts Stream or Commerce Stream are eligible to seek admission for this programme.

The Faculty of Social Sciences and Languages of Sabaragamuwa University of Sri Lanka conducts the following degree programmes:

1. Bachelor of Arts Honours Degree (Four years)
2. Bachelor of Arts Degree (Three years)

The faculty conducts the Bachelor of Arts degree programme with the support of five departments in the Faculty, while Bachelor of Arts Honours degree in relevant subjects are conducted as follows:

Department of Economics and Statistics

- Bachelor of Arts Honours in Economics
- Bachelor of Arts Honours in Statistics
- Bachelor of Arts Honours in Information and Communication Technology
(Offered in English medium only)

Department of English Language Teaching (DELT)

The DELT offers Teaching English as a Second Language (TESL) as a major /minor subject and English Language Courses throughout students' university career.

Department of Geography and Environmental Management

Bachelor of Arts Honours in Geography

Department of Information Technology

The Department of Information Technology offers Information Technology related courses throughout students' university career.

Department of Languages

- Bachelor of Arts Honours in Sinhala
- Bachelor of Arts Honours in Tamil
- Bachelor of Arts Honours in English
- Bachelor of Arts Honours in German
- Bachelor of Arts Honours in Japanese
- Bachelor of Arts Honours in Chinese
- Bachelor of Arts Honours in Hindi
- Bachelor of Arts Honours in Translation Studies

Department of Social Sciences

- Bachelor of Arts Honours in Political Science
- Bachelor of Arts Honours in Sociology

Selection of Students to the four year honours degree is based on the performance of them in the first year.

Faculty of Technology

Faculty of Technology which is the seventh faculty of the Sabaragamuwa University of Sri Lanka consisting of two academic departments, namely, the Department of Biosystems Technology and the Department of Engineering Technology through which two full time undergraduate degree programmes, Bachelor of Biosystems Technology Honours and Bachelor of Engineering Technology honours, are offered respectively.

The Bachelor of Biosystems Technology Honours [BBST (Hons)] degree programme offered by the Department of Biosystems Technology spans over a period of four years of which the first two years are allocated for a common core programme. From the third year onwards, the Department offers following three major programmes each consists with a six months long industrial training and one semester research project.

1. Bio- Energy
2. Biotechnology
3. Drug discovery

The Department of Engineering Technology offers Bachelor of Engineering Technology Honours [BET (Hons)]. The BET (Hons) degree is designed to prepare students for professional careers in mainly the mechanical and electrical engineering service fields as well as research and development activities. The graduates of the Department of Engineering Technology will be highly employable, dynamic and potential inventors who can apply basic science and engineering fundamentals to mechanical and related operations and actively participate in the socioeconomic, scientific, technological advancement and the sustainable development of the nation.

The prime objective of the Faculty of Technology is to be an internationally recognized center of excellence in the teaching and research of science and technological subjects.

WAYAMBA UNIVERSITY OF SRI LANKA (KULIYAPITIYA)

Course of Study	Subject Combination (Where prescribed)	M/I
Medicine	-	E
Management	-	E
Agriculture	-	E
Food Science & Nutrition	-	E
Applied Sciences (Phy. Sc.)	-	E
Food Production & Technology Management	-	E
Engineering Technology (ET)	-	E
Biosystems Technology (BST)	-	E

Faculty of Medicine

Course of Study in Medicine (MBBS Programme)

Study programme leading to MBBS at the Wayamba University of Sri Lanka (WUSL) is a five-year programme. There are 14 major subjects which are divided into Preclinical (3 subjects), Para clinical (6) and Clinical (5) blocks. Preclinical and Para clinical subjects are taught as modules; preclinical subjects in the first three semesters, Para clinical subjects from fourth to seventh semesters. Clinical subjects spread from fourth to tenth semesters and are not module based. Modules are assessed in both in-course and end-course examinations and two composite examinations, namely second MBBS and Final MBBS.

Our mission is to produce highly skilled, socially accountable, health care professionals with the highest professional standards and commitment towards advancement of the discipline in a culture that supports diversity, inclusion, critical thinking and creativity.

The core principles governing the study programme and outcomes expected of a MBBS graduate are (1) Commitment to providing optimum health care, advancement and excellence (2) Commitment to social and public health (3) Effective collaboration and communication (4) Ethical Behavior and Professionalism (5) Leadership and team work (6) Respect for diversity.

A main feature of the MBBS programme is introduction of students to clinical relevance of the subjects taught, from the first semester itself. This will be achieved in early years by using actual patients, photos, videos and paper-based cases. From the fourth semester there will be heavy exposure to clinical training in hospital settings, almost all the learning and training in the last one and half years will take place in hospitals. Additional features of the programme include fostering problem solving skills from the beginning of the course, application of basic sciences to practice of Medicine, student - centered and self - directed learning, small group learning, horizontal and vertical integration of subjects. It is mandatory that students complete a research project as part of their training.

The medium of instructions for the programme of study and assessment is English. Those who are successful at the Final MBBS examination and possessing a good character will be recommended for Internship training and registration with the Sri Lanka Medical Council.

Faculty of Business Studies & Finance

In the Faculty, at present, a course - credit system is in operation. The total number of credits for the four (4) years duration will be 120. The courses are conducted only in English medium. The field of specialization available to the students are namely: Business Management, Accountancy & Business Finance, Banking & Finance and Insurance & Finance. The selection for specialization would be based on the performance of students in the courses offered during the first two years (Semester I, II).

Faculty of Agriculture and Plantation Management

Faculty of Agriculture and Plantation Management offers two degree programmes namely,

- (i) Bachelor of Science Honours in Agriculture [BSc Hons (Agriculture)]
- (ii) Bachelor of Biosystems Technology Honours [BBST (Hons)]

Both degree programmes are conducted in English medium following credit unit system. The English Department and the Information and Communication Technology (ICT) Centre with their state-of-the-art facilities and courses incorporated into the core programmes, improve students' language and ICT skills.

(i) Bachelor of Science Honours in Agriculture [BScHons (Agriculture)]

This 4-years Honours Degree which is equivalent to SLQF level 6 is meticulously designed to develop graduates equipped with multi-disciplinary knowledge on the fundamental concepts, principles, practices and technologies relevant to agriculture. The degree is offered in English medium and the comprehensive curriculum of 120 credits developed by experts in the field is composed of core courses and specialization courses. The core curriculum offered in the first 2 years is deliberated to cover the areas of agronomy of fields and plantation crops, food science, agricultural chemistry, soil science, agricultural and industrial microbiology, economics, agribusiness management and marketing, crop physiology, crop protection and crop improvement, animal husbandry, crop experimentation agricultural engineering, and statistical methodology. From the third year, students can select a discipline of his/her own desire from among six specialization modules namely, Agricultural Economics and Business, Plantation Resource Management, Plantation Product Development Technology, Horticulture and Landscape Gardening, Postharvest Horticulture and Biotechnology. In their final year, students need to complete a research project enabling them to develop independent critical thinking skills along with oral and written communication skills. Further, final year students need to undergo an industrial training in the private sector to obtain real world working experience to ensure job security. Developing entrepreneurial skills of students is one of the priorities which is achieved by tailor-made programmes supported by the Career Guidance Unit. The multi-disciplinary nature of the courses has made the graduates capable of securing professional level employment nationally and internationally. Many students obtain scholarships abroad to pursuit higher studies.

(ii) Bachelor of Biosystems Technology Honours [BBST(Hons)]

The Bachelor of Biosystems Technology Honours [BBST(Hons)] degree programme is a 4-years degree programme dedicated to produce graduates with sound theoretical knowledge and rigorous technical skills on the fundamental concepts, practices and technologies relevant to sustainable use of biological production systems and product development in Sri Lanka. Through a well-designed and updated curriculum that covers 124 credits, graduates are enabled to attain a broad competence in agricultural technology, bioenergy, electronics and electrical technology, environmental technology, food technology, natural resources management and sustainability. With modern concepts of teaching and learning, we deliver research-based multidisciplinary knowledge, preparing graduates with adequate expertise and innovativeness to solve complex problems and contribute to innovations, advisory services and decision making in the country and food safety. The research project and comprehensive In-plant training allow our graduates to hone their inherent soft skills and knowledge, facilitating them to fit into the middle and upper level technical and technology management positions in the industrial sector of the country.

The Faculty of Agriculture and Plantation Management is located in Makandura, which is 4 km from Pannala and 15 km from Dankotuwa along Kurunegala- Negombo Road and takes less than 1.5 hours to reach from Colombo.

Faculty of Livestock, Fisheries & Nutrition

The Faculty of Livestock, Fisheries & Nutrition offers two undergraduate degree programmes namely,

- (a) Bachelor of Science Honours in Food Science & Nutrition
- (b) Bachelor of Science Honours in Food Production and Technology Management

These are four year honours degree programmes. Students will follow a common core-programme in the first two years and they will be able to specialize either in Applied Nutrition or Food Science & Technology in the third year and the fourth year of the degree programme.

(a) Food Science & Nutrition

Food Science & Nutrition programme provides a strong background in the principles underlying the science of food technology and human nutrition. After the successful completion of FNSP, students will achieve/ demonstrate: (a) broad scientific knowledge and understanding of Food Science and Nutrition, (b) knowledge and understanding of related topics in the social sciences, marketing and management issues, (c) problem solving ability and undertaking research, (d) subject-specific professional & practical skills and enterprise & personal skills.

Subjects offered in Level I cover major areas of Biochemistry, Human Physiology & Nutrition, Food & Nutrition, Microbiology, Marketing, Food processing & preservation, Food analysis & quality assurance. In addition, students have to follow English, Mathematics, Statistics and Information Technology. In Level II & III, the students will follow the subjects specific to their streams of specialization; **Applied Nutrition** (Public Health & Community Nutrition, Diet & Diseases, Dietetics, Sports & Exercise Nutrition) or **Food Science & Technology** (Food Chemistry, Food Microbiology, Biotechnology, Food Safety and Food Technology courses in dairy, fish, meat, cereals, fruit & vegetables). All courses carry either laboratory or field-based practical activities. In the seventh semester students carry out individual research projects. Students are also provided with the opportunity to undergo ten week in-plant training programme at related institutions/ organizations.

Food Science & Nutrition programme offers curricular and professional development necessary for students pursuing careers as Food Technologist, Nutritionist and Managers in food sector, Dietician, Food Chemist, Quality Assurance Scientist, Educationist and Trainer in related fields. FNSP also develops the competence of students pursuing higher degree programmes.

(b) Food Production & Technology Management

This is a four year honours degree programme. Students will follow a common core programme in first two years and they will be able to specialize either Livestock & Avian Science or Aquaculture and fisheries in the third and fourth year of the degree programme.

Bachelor of Science in Food Production & Technology Management is a unique, demand driven degree designed to meet the current and future challenges of local and global food production & technology management sector. This degree will guide the undergraduates through student-centered teaching, laboratory and field based practicals, industrial exposures and research, into all relevant sciences and discipline of food production. The curriculum comprises of core and optional modules, an industrial placement, in-plant training and a six month research, carefully blended to administer correct levels of both theoretical and practical knowledge. The multidisciplinary nature of courses ranging from fundamentals to applications broadens the knowledge and understanding, skills and attitudes that will place students in the highest levels of job market. Level I is a core programme of two years where students are exposed to principles and fundamental concepts of food production and to other generic skills like IT, Statistics and Mathematics. Students who successfully complete the level I of the degree programme have the option of specializing in Department of Aquaculture & Fisheries or Department of Livestock & Avian Sciences, according to their preference and performance. The Department of Applied Nutrition and Department of Food Science & Technology also contribute to this degree, through several modules during the four years.

This degree is unique as it explores the traditional production systems, provides latest technology advancements, integrates disciplines such as production management and consumer and business management and develop soft skills in order to bring up a new breed of undergraduates equipped with knowledge and skills for providing leadership to production, supervisory, managerial, research and development and marketing responsibilities in food production sector. In addition, the in-plant training moulds the students to industry environment at leading establishments to ensure job security upon completion of the degree. A six month, research is designed

All these joint major degree programmes involve continuation in the two subject areas of Major 1 and Major 2 from the third year and onwards and the fourth year consists of one semester of taught courses within the Faculty and a six-month outbound comprehensive Industrial Training Programme during the last semester at an external organization in the private or the state sector.

These joint major degrees are intended for the students, who wish to broaden their knowledge and experience in two subject areas and be exposed to the real working environment at recognized private or state sector organizations prior to graduation.

The selection criteria is less rigorous than that of the subject specific honours degree programmes and hence more opportunities remain here for those, who wish to be readily employable in the private sector in particular, following graduation.

(c) 3 - Year Bachelor of Science (General) Degree

The students opting for a 3 - year degree from the beginning or could not get selected for a 4 year degree have to follow the 3 year Bachelor of Science (General) Degree Programme, which is also conducted in English Medium. Such degrees shall include three main subjects from among the subjects listed in the original combination.

Since the medium of instruction of all degree programmes listed in (a), (b) and (c) is English, English will be taught during the first two years along side the subject oriented academic programme. Moreover, there are a Business English Course and an Advanced English Proficiency Course during the third academic year for the students who intend to obtain higher qualifications for their proficiency in English Language.

Faculty of Technology

The Faculty of Technology of the Wayamba University of Sri Lanka consists of the following four academic departments.

- i. Department of Construction Technology
- ii. Department of Electrotechnology
- iii. Department of Mechanical and Manufacturing Technology
- iv. Department of Nano Science Technology

The Faculty admits students for the Bachelor of Engineering Technology Honours degree programme from the Advanced Level Engineering Technology stream. The students will be able to enter into one of the above department of studies and will be able to graduate with one of the respective specialization degree listed below.

- i. Bachelor of Engineering Technology Honours in Construction Technology
- ii. Bachelor of Engineering Technology Honours in Electrotechnology
- iii. Bachelor of Engineering Technology Honours in Mechanical and Manufacturing Technology
- iv. Bachelor of Engineering Technology Honours in Material and Nano Science Technology

All programmes are offered through a credit-based course module system and conducted in English medium. All degree programmes are residential fulltime programmes and are conducted over duration of four academic years.

Selection of specialization programmes

The students admitted to the Faculty of Technology will be streamed into the above degree programmes based on their preference and z-score as described in the criteria given in the Students Handbook published on the Faculty website. The specialization for the degrees (i), (ii) and (iii) from the above list starts from semester 4 onwards after completing the first three semesters as a common group. From the beginning, a separate study programme starts for the degree (iv).

Courses to be followed in specialization areas

The common programme of the first three semesters for the specialization for the degrees (i), (ii) and (iii) includes course modules on Engineering Mathematics, Engineering Physics, Industrial Management, Information Technology and several modules that are commonly related to all three specialization areas. From semesters 4 onwards, students follow many compulsory and elective technical course modules related to their specialization areas. In the later stage of the degree programme, students carry out a group design project and an individual research project. The complete lists of the course modules for all the degree programme are given in the Student Handbook published on the Faculty website. These three specialization degrees have been designed to produce graduates who can cater to the job markets of the most common engineering technology disciplines around the world.

The fourth specialization degree programme consists of the fundamental courses in Physics, Chemistry and Biology during the first two semesters. From semester 3 onwards, the students learn and apply the fundamental principles in the major areas of Materials and Nano science technology in order to develop the research and self-learning skills necessary for finding solutions to industrial problems. The degree programme is also composed of the theoretical and practical essentials for various fields such as Chemistry, Physics, Material Science, Bio-technology, Nano-medicine and Energy. Students will also learn the subject area of computer science in order to carry out computer simulations related to Nano technology applications.

In addition, by all the four degree programmes, students will be given opportunities to improve their soft skills. The students will be trained to apply their knowledge and skills for solving real world technical problems through the group design project and/or the individual research projects. Furthermore, during the seventh semester, students will undergo a compulsory 24-weeks industrial training at an external organization in order to gain experience in a real work environment.

Course of Study	Subject Combination (Where prescribed)	M/I
Medicine	-	E
Science and Technology	-	E
Computer Science & Technology	-	E
Entrepreneurship and Management	-	E
Animal Production and Food Technology	-	E
Export Agriculture	-	E
Industrial Information Technology	-	E
Mineral Resources and Technology	-	E
Aquatic Resources Technology	-	E
Hospitality, Tourism and Events Management	-	E
Engineering Technology (ET)	-	E
Biosystems Technology (BST)	-	E
Human Resource Development	-	E
Information Communication Technology	-	E
English Language & Applied Linguistics	-	E
Plantation Management and Technology	-	E

Bachelor of Science Honours in Science and Technology

The degree is designed to develop knowledge, conceptual understanding and skills in students, necessary for a range of careers in Science and Technology in a dynamic interdisciplinary atmosphere to be responsive to the national and global needs and initiative. The degree will produce graduates with scientific knowledge in the Technology involved for the value addition in the national resource base.

Bachelor of Science Honours in Computer Science and Technology

This is a demand driven degree designed to produce graduates with sound knowledge in modern computer technology and capability to add value to local industries through knowledge obtained by research and independent studies and contribute to national economic development.

Bachelor of Business Management Honours in Entrepreneurship and Management

Description of the Degree Programme

The Bachelor of Business Management (BBM) Honours in Entrepreneurship and Management Degree Programme is a four-years degree programme offered by Department of Management Sciences, Faculty of Management, Uva Wellassa University of Sri Lanka under the level six in the Sri Lankan Qualification Framework (SLQF).

Objective of the Degree Programme

The main objective of this programme is to produce graduates who have the confidence in successfully starting their business or securing an employment in the national and international competitive world of work.

Content of the Degree Programme

This four-year programme including eight semesters with compulsory and optional course units.

The study courses in the first academic year aim to provide undergraduates with basic knowledge of entrepreneurship, management theories, fundamentals of marketing, organizational behavior, and accountancy, as well as broad general and essential skills development courses in streams.

In the second academic year, the programme provides the sound knowledge on theory and practical courses related to entrepreneurship and management, information management, financial analysis as well as broad general and essential skills development course units.

The core of the curriculum for the third and fourth academic years has been designed with advanced creative and practical courses related to the study of entrepreneurship and management in field. Furthermore, the academic year including the basics for the research methodology and the advance courses related to the innovation, financial management, human resource management, and analytical skills. In addition, the fourth academic year consists of a research project that improves skills in logical thinking, generating innovative ideas, methodological working, analytical skills and writing and presenting abilities of the students. Further, the degree comprises six months industrial training that exposes the students to the real world of work in which they can gather practical experience.

Bachelor of Science Honours in Animal Production and Food Technology

Bachelor of Science Honours in Animal Production and Food Technology [BScHons (Animal Production and Food Technology)] degree programme offered by the Department of Animal Science, Faculty of Animal Science and Export Agriculture, Uva Wellassa University of Sri Lanka (UWU) is a unique degree programme to UWU which accomplishes SLQF Level 06. This four (04) year degree programme was commenced with the aim of crafting graduates with sound knowledge and skills in animal production and value addition with adequate know-how on health & hygiene, welfare and quality & safety to produce professionals and to enhance animal productivity and value of animal production.

The degree focuses on the production, management and value addition aspects of farm animal industry and food industry. It is logically structured where undergraduates are provided with a thorough background in principles of the subject areas in Farm Animal Production & Management and Food Science during the first two years in addition to Essential Skills Development and Broad General Education. Advanced technology in value addition to selected areas of Farm Animal Production & Management and Food Technology are introduced to undergraduates during the third year. Undergraduates get the opportunity to apply the knowledge gained in relevant areas of Farm Animal Production & Management and Food Technology to fulfill local needs, global trends, value addition to natural resources and evolving marketing trends during the fourth year. Further, many opportunities are available throughout the curriculum for the undergraduates enriched in creativity and novel ideas. Practical exposure provided through the field training and industrial training makes our students most demanding at the industry. Final year research projects allow them to investigate problems related to the above sectors and generate most appropriate and scientific solutions. This further provides a greater opportunity to introduce novel products to the industry. On the other hand, field training, industrial training and research project allow them to work closer with the industry and craft more employable UWU graduates. Graduates of Bachelor of Science Honours in Animal Production and Food Technology ultimately gain a comprehensive knowledge, skills and training both on theoretical and practical aspects of Farm Animal Production & Management and Food Technology.

Bachelor of Science Honours in Export Agriculture

Bachelors of Science Honours in Export Agriculture [BScHons (Export Agriculture)] degree programme is offered by the Department of Export Agriculture, Faculty of Animal Science and Export Agriculture, Uva Wellassa University of Sri Lanka (UWU). It is a four-year (8 semesters) degree programme (SLQF level 6) and has been designed to produce graduates with specialized knowledge in value addition to promote export oriented agriculture of the country. To achieve this objective, the curriculum has been inculcated with agricultural technology and entrepreneurial concepts.

The courses offered in the first two years are compulsory to all students and they are provided with fundamental courses and complementary knowledge on Broad General Education and Essential Skills Development. In the third year, undergraduates are provided an opportunity to follow a majoring area among Agricultural Production Technology, Food Processing Technology and Entrepreneurial Agriculture. The undergraduates are taught a wide range of multidisciplinary courses with an adequate practical exposure together with a Field Training which basically covers practical aspects of agricultural production. They will also be exposed to an Industrial Training in the fourth year attached to leading agro-based industries in Sri Lanka. During the last semester, all students are also required to conduct a research project (6 months) with a strong emphasis

on value addition to local agricultural resources. The graduates of Bachelor of Science Honours in Export Agriculture can excel in any field of agriculture and promise to secure an employment or engage in their own entrepreneurial venture, having completed the degree programme.

Bachelor of Science Honours in Industrial Information Technology

This unique degree is designed to produce graduates with scientific knowledge gained through theoretical and practice studies in the modern Industrial Information Technology for value addition in industrial and business processes.

Bachelor of Science Honours in Mineral Resources and Technology

A unique degree offered by Uva Wellassa University with an aim of producing graduates with in depth scientific foundation to appraise the nations' mineral resources. The students will be endowed with specialized knowledge on relevant subjects and field techniques through theoretical studies and practical training to understand the utilization of mineral resources and the science and technology of natural and engineered materials for value addition.

Bachelor of Science Honours in Aquatic Resources Technology

Bachelor of Science Honours in Aquatic Resources Technology degree programme is offered by the Department of Animal Science, Faculty of Animal Science and Export Agriculture, Uva Wellassa University of Sri Lanka (UWU). This unique four (04) year honours degree which accomplishes SLQF Level 06 is focused on producing well-rounded scholars, innovators, managers and leaders capable of using advanced theoretical, scientific & technological approaches to explore, develop and manage aquatic resources in a sustainable manner to cater the local, regional & global demands in the sector through enhancing production, managing aquatic resources, improving quality of aquatic environment and adding value to aquatic products.

First part of the degree programme mainly focuses on Essential Skills Development, Broad General Education and introduction to Aquatic Resources. Intermediate parts of the programme have been designed to provide thorough background knowledge on living and non-living aquatic resources, their diversity, production technology and utilization & management. Latter part of the programme aims to fulfil local needs, global trends and value addition to national resources and evolving marketing by providing opportunities to study application of novel technologies of value addition, advanced technological applications, conduct incubation projects, engage industrial training and research projects. Practical exposure provided through the field training and industrial training makes our students most demanding at the industry. Final year research projects allow students to investigate problems related to the sector and generate most appropriate and scientific solutions. This further provides a greater opportunity to introduce novel products to the industry. On the other hand, field training, industrial training and research project will allow them to work closer with the industry and makes UWU graduates more employable. Graduates who follow the Bachelor of Science Honours in Aquatic Resources Technology degree programme will gain a detailed knowledge, skills and training covering both theoretical and practical aspects of the field of aquatic resources technology.

Bachelor of Business Management Honours in Hospitality, Tourism and Events Management

Description of the Degree Programme

Bachelor of Business Management Honours in Hospitality, Tourism and Events Management Degree Programme falls under the sixth tier of the Sri Lanka Qualifications Framework and is highly practical industry-oriented degree programme offered by the Department of Tourism Studies, Faculty of Management at Uva Wellassa University. In addition, this is the first degree programme in Sri Lanka to be accredited by United Nations World Tourism Organization TEDQUAL Certification offered in the education system of the country.

Content of the Degree Programme

Hospitality, Tourism and Events Management Degree Programme consists of four academic years and eight semesters, with compulsory and optional course units. The first academic year provides fundamental management theories, marketing methods, human resource management, accounting, fundamental courses in hospitality, tourism and events, essential skills development courses and broad general education courses.

The second academic year comprises with the courses which highlights the theoretical aspects of tourism, hospitality & events management, knowledge of foreign languages, communication skills prioritizing the inter-personal relationships and courses targeting socio-emotional skill development.

Consequently, during the third and fourth academic years, the core of the content is targeted at creative, advanced and practical courses which essentially focus on the application of the theories of hospitality, tourism & events management.

In particularly, the final year of the study is dedicated for further advanced courses in the subject area and 08 credits are allocated for the individual academic thesis where students occupy all the theoretical knowledge to generate industry specific new knowledge base under the guidance of a supervisor and 06 credits are allocated for the industrial training where students are occupied for on the job learning.

This Bachelor of Business Management Honours in Hospitality, Tourism and Events Management Degree Programme is designed aiming at producing well-rounded graduates equipped with expertise knowledge, attitude and skills and who will contribute directly to the economic development of Sri Lanka and successfully overcome the challenges in the competitive world of work.

Bachelor of Engineering Technology Honours in Mechanical Engineering Technology

Bachelor of Engineering Technology Honours in Mechanical Engineering Technology [BETHons (Mech Eng)] degree programme offered by the Department of Engineering technology, Faculty of Technological Studies, Uva Wellassa University of Sri Lanka (UWU) is a four-year professional degree which complies with Sri Lanka Qualification Framework (SLQF) Level 06.

Degree programme is arranged in four levels (four years; 100, 200, 300 and 400 levels) over eight semesters and consists of compulsory and optional course units. The 100 and 200 level course units are aimed at giving the undergraduates the necessary knowledge in Basic Sciences, Mathematics and Engineering Technology together with courses to develop Essential Skills and Broad General Education. The core of the curriculum consists of course units in Pure and Applied Engineering Technology giving special emphasis to Mechanical Engineering Technology. Further, 300 and 400 level course units are designed to deliver advanced theoretical and practical knowledge in Mechanical Engineering Technology.

The degree programme offers undergraduates the opportunity to engage in a two-semester long group project/research project under a supervisor. Sixth semester is solely devoted for an industrial training with a reputed industry where undergraduates are expected to learn the latest industrial processes and applications in applied mechanical engineering together with industrial culture and ethics.

The degree programme shall produce well rounded graduates with necessary knowledge, skills and attitudes that enable them to cater for the dynamic and highly competitive local and global job market and they would actively contribute to develop Sri Lanka as an emerging economy in South East Asia.

Bachelor of Information and Communication Technology Honours

Bachelor of Information and Communication Technology Honours [BICT(Hons)] degree programme offered by the Faculty of Technological Studies, Uva Wellassa University of Sri Lanka is a four-year professional degree which complies with Sri Lanka Qualification Framework (SLQF) Level 06. The degree programme is also in accordance with accreditation requirements of Computer Society of Sri Lanka (CSSL) and Seoul accord.

The degree programme is arranged in four levels (100,200,300 and 400 levels) over eight (08) semesters and consists of compulsory and optional course modules. The 100 level and 200 level course modules are aimed at giving the undergraduates the necessary knowledge in Information and Communication Technology, Mathematics and Management together with courses to develop Essential Skills and Broad General Education.

The core of the curriculum consists of course units in Information and Communication Technology giving special prominence to Software Technology and Business Intelligence. Further, 300 and 400 level course modules are designed to deliver the advanced theoretical and practical knowledge in Software Technology and Business Intelligence.

The degree programme offers undergraduate the opportunity to engage in a year round capstone project (research project) in the final year under supervision. Sixth semester is solely devoted for the industrial training with a reputed industry where undergraduates are expected to learn the latest and emerging technologies and applications in Software Technology and Business Intelligence together with industrial culture and ethics.

The degree programme shall produce technocratic graduates with necessary knowledge, skills and attitudes which enable them to cater for the dynamic and highly competitive local and global job market and they would actively contribute to develop Sri Lanka as an emerging economy in South Asia.

UNIVERSITY OF THE VISUAL & PERFORMING ARTS

Course of Study	Subject Combination (Where prescribed)	M/I
Music	-	S
Dance	-	S
Drama & Theatre	-	S
Visual Arts	-	S

Faculty of Visual Arts

Department of Painting - *Bachelor of Visual Arts Honours in Painting*

The Department of Painting trains the student of the language of painting through a rigorous studio - based education that it will be a solid foundation to become a practicing painter. This comprehensive programme equips the student with a high level of skills of the academic aspect of painting, the modern and contemporary approaches to it as well. By combining the studio - based education with research components which address the critical thinking, conceptual ideas and theoretical aspects in the studio practice, the department creates a graduate who will be a forefront figure in the fields of visual arts and culture.

Department of Sculpture

The Art of sculpture is directly integrated with the medium of actual space. When a sculpture is being made the space that surrounds it gets assimilated in to the environment. The programme of the Department of Sculpture provides students the chance to discover and fine-tune their powers of three-dimensional expression. Apart from this, students are also exposed to international trends, historical developments and, modern technological advancements. The programme mainly emphasizes on teaching students sculptural processes carving, modeling, or assembly and also about the different modes of art construction, composition and content. Through the use of various raw materials students are encouraged to engage in personally expressive ways of making art through experimentation and research.

Department of Printmaking - *Bachelor of Visual Arts Honours in Printmaking*

Printmaking, an art form consisting of the production of images, usually on paper but occasionally on fabric, parchment, plastic or other support, by various techniques of multiplication, under the direct supervision of or by the hand of the artist (Encyclopedia Britannica). The Department of Printmaking has been offered fine art, visual art and applied art subjects, that will help undergraduate to be developed their visual art and professional carrier as a BVA (Hons) Graduate.

Department of Visual Communication Design - *Bachelor of Visual Arts Honours in Visual Communication Design*

Our aim is to produce competent, highly productive and creative artists to the society by ensuring that the undergraduates of this department are provided with a well-rounded and comprehensive knowledge of print and electronic media related to the field of Visual Communication so that they be able to produce original creations of exceptional quality, engage in new modes of experimentation and discover new global trends emerging in their relevant areas of study.

Department of Multi Disciplinary Design - *Bachelor of Visual Arts Honours in Multi Disciplinary Design*

The Bachelor of Visual Arts Honours in Multi Disciplinary Design is a four year full time course. The degree in Multi Disciplinary Design combined training in multiple Art trends and technical. Terms and conditions in the course mainly studied source inspiration and activities. After the studying student do the innovative things with utility value and aesthetic qualities. Student who enroll in training for a Bachelor's in Multi Disciplinary Design will learn the design theory, colour surface development compete drawing (2nd and 3rd) Life Drawing, Traditional Creative method, Rendering and Presentation Qualities etc.

Department of Ceramic - *Bachelor of Visual Arts in Ceramics, Ceramic Design & Ceramic Sculpture*

The emphasis will be on diverse concepts of ceramic modeling, casting and other building techniques. The students are trained to be conversant in international trends and cultural and historical developments in the field. They are further encouraged to experiment with new materials and methods developed by modern industry and technology. This course focuses to produce creative ceramic designers for industry, studio potters as well as ceramic sculptors.

Department of Multimedia Art - *Bachelor of Visual Arts Honours in Multimedia Arts*

The Bachelor of Visual Arts Honours in Multimedia Arts is a four - year full time programme.

A degree in multimedia design combines training in multiple artistic formats, often including text, audio, still images, animation, video and computer based interactive art. Students who enroll in training for a bachelor's in multimedia will learn the fundamentals in the areas of type, color and layout, including digital illustration and web design. Furthermore, Design /Art/ Multimedia Theory, Multimedia History, evolution of cinema and advertising, Font designing, Digital Arts, Computer Graphics, 2D & 3D Animations, Life Drawing, Illustration, Basic Drawing & Structure, Introduction to Programming, and etc.

It gives you a broad view of expertise in current practices and an overview of future trends in multimedia arts, together with the necessary skills to support the development of Multimedia systems and productions.

Department of Textile and Wearable - *Bachelor of Visual Arts Honours in Textile & Wearable Arts*

The Department of Textiles & Wearable Arts leads to a major curriculum on Textile studies in addition to the classes with the Department students are encourage to connect other areas such as Painting, Sculpture, Printmaking, History of Arts, Multi-disciplinary Design, Visual Communication, Multi-media Art emphasizing on a line art point of view the Department of Textiles & Wearable Arts believes that curriculum will sufficient technical knowledge, skills and attitude is necessary to shoulder a comprehensive development drive. This could help the students who turn to applied design or industry orientation.

The critical benefit the students to develop their individual directions and concepts.

The given further knowledge on the subject students will be encouraged to visit industrial and commercial centers and their confidence build by presenting their practical in workshop.

Department of History and Theory of Art - *Bachelor of Visual Arts Honours in History and Art Theory*

The Department of History and Art Theory at the Faculty of Visual Art is newly established department of the University of the Visual and Performing Arts. The objective of the department is to provide concentrated study in the visual arts form the pre-historic to present day in a multicultural and interdisciplinary context. The department teaches both specialized and wide-ranging courses that address that prepare students to engage with scholarly research, curatorial work, creative practices and other contributions to national and international dialogues concerning the theories and histories of art and culture.

Faculty of Dance and Drama

The Faculty of Dance and Drama offers a four- year Honours Degree course in multiple disciplines under seven departments. All these courses are conducted in Sinhala medium and an honours degree in Performing Arts is awarded to students who complete the requirements of their chosen degree programmes.

Each degree programme aims to enhance context-based knowledge, creative skills, critical thinking as well as academic professionalism and attitudes in students. These mainstream disciplines of the Faculty consist of practical embedded contexts of dance, theatre, performance- related percussion and music, audiovisual-based performance and film studies. In dance-based studies, predominantly the degree programmes explore and practice the dance traditions of Sri Lanka and India. However, these degree courses do not merely provide knowledge, skills and attitudes related to the study of traditional and contemporary performance trends, but also focus on the study of critical theories, the application of pedagogies, the exploration of sociological and psychological influences and the necessary skills to adapt to varied performance spaces and contexts as a performance practitioner. In addition to this, the degree programmes simultaneously offer the opportunities and the training required to achieve career goals of students, including institutional field training, research projects, language- based learning mainly in English and Tamil, information technology and computer skills, along with career development orientation and guidance.

Each of the degree programmes offered by the faculty consists of eight semesters of full-time study during two semesters per year. A semester comprises 15 calendar weeks, during which students are expected to complete both practical and theoretical subjects and also to complete an independent research study relevant to their field of specialization in the final semester. Practical and theory examinations are conducted at the end of each semester, and the Grade Point Average (GPA) system is in practice to assess the performance of the undergraduates. The graduates of this faculty are capable of finding employment opportunities in public, quasi-public, private and non-profit organizations, or seek career pathways as freelancers and entrepreneurs.

Bachelor of Performing Arts Honours Degree – Kandyan Dance

The department expects its undergraduates to have thorough practical knowledge and skills related to basic drills and exercises, professional techniques such as leaping and turning, vannam, kandyan curative rituals (shanthikarma), folk dance and folk theater, udekki and pantheru dances; and vocal and instrumental music. Moreover, the undergraduates of this department are capable of studying the most updated practical and theoretical aspects of dance choreography, stage lighting, ancillary arts and theater technology. Furthermore, it is expected to give a theoretical knowledge of the usage of languages, research methodologies, critical theories and performing arts, fundamentals of socio- psychological aspects of dance; and fundamentals of education psychology. Following the completion of the 4 years of study, the department expects to produce well-rounded graduates who are knowledgeable in the theoretical aspects of performing arts and are also skilled performers and dance choreographers.

Bachelor of Performing Arts Honours Degree – Low- country Dance/ Bachelor of Performing Arts Honours Degree- Ancillary Arts

This course of study is designed to ensure that the undergraduates of this department are equipped with a broad subject knowledge related to this field of study. The course consists of various aspects of Low- country dance including recitals, curative rituals (shanthikarma), dramatic sequences, drumming, “Kolam” dance-drama, local and Indian folk dances, Low-country udakki, singing, creative dance, performing for the stage, ancillary arts (costume design), props and stage decorations, carving and mask making - all of which the students will learn before completing their degree programme. This four-year honours degree intends to impart an all-encompassing practical and theoretical knowledge of the related regional traditions from Benthara, Matara and Raigama. Upon completion, graduates of this degree are expected to be competent performing artists capable of presenting both traditional and modern performances on any stage.

Bachelor of Performing Arts Honours Degree – Sabaragamuwa Dance

This degree programme has been designed to produce resourceful graduates with a theoretical and practical knowledge of Sabaragamu Dance. It provides a wide coverage of the core and peripheral areas in the Sabaragamu dance tradition, including basic drill and exercises, Sabaragamu traditional dances, theory

of Sabaragamu dance, literature studies, Kandyan and Low country dance techniques, singing, traditional drumming, folk dance, Angam martial arts, ethnology, Sokary and dramatic events in rituals, creative applications, language usage, research methodology. By the end of the programme, the undergraduates are expected to conduct an independent research component with the guidance of an academic supervisor who is an expert in the chosen subject area. This programme is designed as a four-year honours degree aimed at producing well-rounded graduates.

Bachelor of Performing Arts Honours Degree – Oriental Drumming

This course is designed to offer in-depth knowledge and skills in the subject of percussion inherent in Sri Lankan dance traditions. There is a considerable demand for Sri Lankan drummers both locally and internationally and the process involved in the acquisition of the theoretical and artistic skills that are required in order to play these Sri Lanka traditional percussion instruments are both complex and physically strenuous. Other than local drums, undergraduates also learn to play various other Western and Eastern percussion instruments and other drumming genres such as Indian, Latin American, African, Middle Eastern, East Asian and Western contemporary. Hence, the Department of Percussion Music was formed to offer a four-year honours degree programme focused on skills and knowledge of ancient and modern drumming techniques, whereby undergraduates can learn to engage in new, creative and experimental styles, along with the study of acoustic technology including sound recording and editing.

Bachelor of Performing Arts in Acting Honours Degree/ Bachelor of Performing Arts in Script Writing and Directing Honours Degree/ Bachelor of Performing Arts in Oriental Ballet and Modern Dance Honours Degree

The Department of Theatre, Oriental Ballet and Contemporary Dance was established in 2006 with the aim of developing opportunities to study various aspects of drama and theatre, oriental ballet or *Mudra Natya* and modern and contemporary dance. By conducting courses related to the above fields, the Department aims to produce individuals who possess the capacity to work as playwrights, theatre directors, actors, oriental ballet and contemporary dancers, producers, composers, choreographers, scenographers, sound designers, voice artists, dramaturgs, theatre technicians and managers, researchers and critiques in the performing arts industry. The degree programmes also enhance research skills and pedagogical and management content knowledge along with industrial exposure through linkage and traineeships which expand their other career and academic pathways in teaching and training, researching, project management, consultations and entrepreneurships.

The students of the department are provided with the opportunity to engage in various research and creative activities including theatre productions, applied and alternative performance projects, practice-oriented research projects and theatre festivals. Each year the Department produces two large scale performance projects including a theatre production and a contemporary dance production at the culmination of the four-year degree programme. In addition to this, research forums such as the Wednesday Circle and the student research symposium are platforms which enable students to present their theoretical ideas for receiving constructive feedback. Meanwhile, annual events such as the Academic Thespians Theatre Festival create a space for students to present their creative ideas through performance practices. The department offers three undergraduate degrees: Bachelor of Performing Arts Honours Degree in Acting, Bachelor of Performing Arts Honours Degree in Oriental Ballet and Modern Dance.

Bachelor of Performing Arts Honours Degree – Bharatanatyam/ Bachelor of Performing Arts Honours Degree – Kathak

Indian dance, which consist of a large number of dance forms, are highly popular in Sri Lanka. Therefore, this degree programme has been designed to meet the demands of the students who wish to be experts in the field of Indian Dance. The Department of Indian and Asian Dance has introduced two honours degree programmes in Kathak and Bharatanatyam. Comparative Studies in local and foreign dancing, drumming, local and foreign folk dances, film and television composition, theatre and technology, event management, career guidance and theories related to the field of dance are some of the main subjects being covered during these programmes. Upon the successful completion of these courses, students can obtain a Bachelor of Performing Arts Honours degree in Bharatanatyam or a Bachelor of Performing Arts Honours degree in Kathak. The Department of Indian and Asian Dance provides a comprehensive knowledge of the art of traditional dancing and drumming,

Indian and Sri Lankan Folk dances, cinematic dance, vocal and instrumental musical compositions and performance for the stage. In addition, the Hindi language is taught throughout the year for the students who follow the Kathak dance programme. Similarly, the undergraduates of Bharatanatyam have the opportunity to learn Tamil throughout the year.

Bachelor of Performing Arts Honours Degree – Choreography for Visual Media / Bachelor of Performing Arts Honours Degree- Communication and Folklore / Bachelor of Performing Arts Honours Degree – Digital Cinema

With the objectives of teaching, preserving and developing Sri Lankan traditional art forms and the intention of producing technologically knowledgeable graduates to pursue the modern world, the Department of History and Theory of Dance and Drama has introduced a degree programme in Choreography for Visual Media Honours. This programme provides the undergraduates with an adequate knowledge and understanding of the art of dance videography and also about the technology involved therein. Students learn how to perform a dance before a camera and how a dance should be captured and produced for screened. By the end of the course, undergraduates are able to gain an in-depth knowledge of their respective field of study as well as of other related subjects. The BPA in Communication and Folklore Honours Degree Programme allows students to obtain a broad understanding of the history and theoretical aspects of Dance. The objective of this degree programme is to create confident academic artists who are capable of facing future challenges. The Bachelor of Performing Arts in Film Studies Honours Degree programme has a carefully planned syllabus which equips students with the required theoretical knowledge and the practical training on filmmaking and Cinematography. Also, in accordance with the technological advances across the world, students of this department are exposed to new technologies so that they will be able to keep pace with the fast- changing world and the demands of the job market.

Faculty of Music

The Faculty of Music has introduced a four year Honours Degree in Performing Arts -BPAHons(Music). This consists of four academic years. In the first year students are encouraged to pursue modules according to their disciplines and talents. Accordingly they are able to choose the departments and further practical modules according to the grades obtained at the end of the first year examinations. The faculty of Music consists of six individual departments.

1. Performing Arts Honours Degree Music (North Indian Music)
2. Performing Arts Honours Degree Music (Western Music)
3. Performing Arts Honours Degree Music (Ethnomusicology)
4. Performing Arts Honours Degree Music (Musicology)
5. Performing Arts Honours Degree Music (South Indian Music)
6. Performing Arts Honours Degree Music (Applied Music and Mass Communication)

The mode of lectures are in Sinhalese language but a few identified modules are being carried out in English and Tamil language.

Students who successfully complete the four academic years are awarded a Honours Degree in Performing Arts- Bachelor of Performing Arts - Music Honours.

Within the degree programme the classical and traditional music is taught from an investigational and critical angle. The psychological aspects in music too is incorporated in the lectures. Where both practical and theoretical areas are acknowledged according to the feasibility of the modules. The degree programme is designed accordingly with additional knowledge in English and information technology.

Each academic year has two semesters and a total of eight semesters within the four years. Results for each academic year will be noticed at the end of each semester in relation to the GPA. Students are expected to select both practical and theoretical modules. Within the final academic year students are expected to submit an independent thesis.

Students who successfully complete the degree programme are able to secure employment opportunities in private schools and institutions, cultural ministries, non-governmental organizations. They also are knowledgeable to start their own private ventures as well.

Bachelor of Performing Arts Honours in Music - North Indian Music Programme

This course is designed to enable students interested in North Indian singing and playing to gain a specialized knowledge of the performing arts relevant to the subject. Other theoretical and practical subjects related to North Indian music are included, and this provides an opportunity to gain a broad knowledge and understanding of them.

North Indian music is an internationally-recognized style of music that is profoundly used in Sri Lankan light songs, film music, and other creative works, including the Nurthi songs. It is also well established music genre among the music education system in Sri Lanka.

Bachelor of Performing Arts Honours in Music – Western Music Programme

As a pioneer department in the field of university education in Sri Lanka, the department of Western Music inspires excellence, to nurture talent and educate adaptable musicians, poised to realize their full potential and contribute to a better society.

The Department of Western music of the Faculty of Music provides the highest quality of creative and scholarly experiences for students in all undergraduate programmes within and across disciplines such as music education, performance and research. It also provides opportunities to engage with a team of accomplished academics, artists and scholars; and education through artistic and scholarly performances, recordings, publications, lectures and presentations.

The department offers a wide range of modules which range from voice to other practical disciplines related to string, woodwind, brass wind and piano. The department has nurtured an Orchestra and Choir where the students are able to pursue according to their chosen fields of study, which gives them the opportunity to perform at a professional level. The department holds lectures in both languages of Sinhala and English language for the theory and history of western music and the assessment and examination methods too are focused towards being completed in English language.

Bachelor of Performing Arts Honours in Music - Ethnomusicology Programme

In examining the tangible and the intangible heritage of Sri Lanka, it seems that the subject of Ethnomusicology has been well integrated into the traditional Sri Lankan Music. The Unites on establishing identities in diverse cultures and their integration with the Sinhalese culture have been included in the Programme. The programme also entails extensive Field Research and other Research Studies.

Therefore the undergraduates will gain a wider understanding of Sri Lankan traditional music, Asian folk music and folk music styles in other countries. This Degree Programme has been designed to meet the demands of those students seeking carrier in Ethnomusicology with specialization in accordance with cultural conditions in Sri Lankan society. This Degree programme will promote ethnic integration while offering a wider understanding of diverse ethnic groups in Sri Lanka.

The Graduates in Ethnomusicology could find employment in various governmental, non-governmental organization and private organizations. The graduates will be capable of developing their own carrier as freelance performers in the Sri Lankan music industry with a demand for folk music.

Bachelor of Performing Arts Honours in Music - Musicology Programme

The scientific study of music and the comparative study of music are included in this academic programme under the components designed in the stream of Musicology. All subject components are incorporate with Musicology and the existing theory and practical components of the major music disciplines in world music. This programme entails diverse research programme and field research visits. This Department encourages undergraduates to develop their own scientific and comparative knowledge in music with an emphasis on subject such as sociology, anthropology and entrepreneurship. After the completion of this academic programme, graduates will find employment opportunities in governmental, non-governmental organization, private organizations, electronic media, and other relevant academic bodies. This academic programme will enhance the capability to develop their carrier in research while developing their Vocal and Instrumental abilities stipulated in the curricula.

Bachelor of Performing Arts Honours in Music - South Indian Music Programme

South Indian Music is a world-wide recognized system of music. This Degree Programme, therefore, has been designed to meet the demands of those students seeking a carrier in South Indian Music (Vocal/ Instrumental) with specialization. This Degree Programme has been designed to raise awareness on the ethnic integration, providing an overview of diverse ethnic groups in Sri Lanka. Since Sri Lankan society is multi-cultural and multi-ethnic in nature, the undergraduates will be able to gain an in-depth knowledge of Carnatic Music and as well as the culture of the Tamil community. This music programme holders could find employment in government and private schools, non-governmental organizations, private organizations and electronic media. Graduates in Music (South Indian Music) are capable of interacting with and appreciating Sinhalese as well as Tamil cultures while being conversant with both cultures. The University encourages undergraduates to organize and perform joint cultural programmes in the university and the other cultural missions.

Bachelor of Performing Arts Honours in Music – Applied Music and Mass Communication Programme

‘Applied music’, in its true essence is a broad medium for the artistic expression of human emotions, and exploration of aesthetic rapture. It can be described as a major discipline in the avid world of music.

As such, a key function of this course is to impart knowledge, develop understanding, embedding theoretical and practical knowledge of classical music and other related classical music disciplines along with a basic understanding of the global music fields of study.

The course also aims to produce graduates who are resourceful, with the ability to utilize their knowledge, attitude, aptitude and relevant skills to meet the various needs and demands of the field of applied music.

In other words, this course would cater to potential graduate candidates with a wide range of knowledge in the field of mass communication, ranging from cinematography, radio, television and print media, with extensive knowledge on audio-visual media study and technology, such as audio synthesis, sound design technology and so forth.

These multi-faceted course units will also provide guidance on how to direct music, composition, conducting orchestras and to become professional musicians, instrumentalist or singers in the field of applied music and gain career opportunities in the fields of audio-visual media.

The department will also provide additional guidance on entwining the field of applied music alongside the popular mass communication channels with creativity colour and true professionalism.

GAMPAHA WICKRAMARACHCHI UNIVERSITY OF INDIGENOUS MEDICINE, SRI LANKA

Course of Study	Subject Combination (Where prescribed)	M/I
Ayurveda Medicine & Surgery	-	E

Bachelor of Ayurveda Medicine and Surgery

This is a fulltime course consisting of pre-clinical, para-clinical and clinical disciplines running throughout a period of five years. Additional one year internship training in Government Ayurveda Hospitals is needed for registration at Ayurveda Medical Council. This programme structured on course unit system, which runs in academic semesters. Each year consists of two semesters. The minimum of 150 credits should be obtained to award the degree and admission is eligible for the students who have done Biology, Chemistry and Physics in Biological Science stream in Advanced level examination.

In the first and second years of the study programme, students will learn the fundamentals of Ayurveda Medicine. In third, fourth and fifth years all substantive areas in Ayurveda Medicine including Kayachikitsa, Deshiyachikitsa, Streroga (Gynecology), Kaumarabhatya (Pediatrics), Shalya Tantra (Surgery), Shalakyata Tantra (ENT). The clinical training is started in the third year and continues in leading government Ayurveda

hospitals all island. The students also get hands on experience in drug preparation under the supervision of qualified personnel at leading Ayurveda Drug Manufacturing Companies.

UNIVERSITY OF VAVUNIYA, SRI LANKA		
Course of Study	Subject Combination (Where prescribed)	M/I
Management Studies (TV)	-	E
Applied Sciences (Bio.Sc)	Environmental Science	E
Applied Sciences (Phy.Sc)	Applied Mathematics & Computing	E
Information and Communication Technology (ICT)	-	E
Project Management	-	E
Information and Communication Technology	-	E
Banking and Insurance	-	E

SRIPALEE CAMPUS, UNIVERSITY OF COLOMBO		
Course of Study	Subject Combination (Where prescribed)	M/I
Performing Arts	-	S
Mass Media	-	S

Bachelor of Arts Honours in Performing Arts Degree Programme

The Sripalee Campus of the University of Colombo offers a four-year honours degree in Performing Arts with a specialization in Dance, Music, Drama and Theatre, Film Studies, or Art and Design. This honours degree is designed in such a way that the undergraduate develops knowledge of other performing arts-related subjects in parallel with the theoretical and practical knowledge of the chosen subject.

The curriculum of the Honours Degree in Performing Arts, which consists of core courses, foundation courses and elective courses in addition to the main subject chosen by the undergraduate, has been developed to achieve the above objectives.

The final year graduands are required to complete a practical production project aimed at familiarizing themselves with the world of practical work.

Bachelor of Arts Honours in Mass Media Degree Programme

The Department of Mass Media of the Sripalee Campus of the University of Colombo offers a four-year honours degree in Mass Media on a subject unit basis.

The main objective of this Bachelor of Arts Honours Degree Programme is to impart concepts, theories and practical knowledge in Mass Media to undergraduates.

The curriculum of the Honours Degree in Mass Media consists of,

1. Main courses
2. Foundation courses
3. Elective courses and
4. Service courses

These courses are offered throughout the four years.

TRINCOMALEE CAMPUS, EASTERN UNIVERSITY, SRI LANKA

Course of Study	Subject Combination (Where prescribed)	M/I
Management Studies (TV)	Management, Accounting & Finance, Human Resources Management, Information Systems, Marketing Management	E
Communication Studies	Communication, Linguistics, Language	E
Siddha Medicine and Surgery##	-	E
Applied Science (Physical Science)	-	E
Computer Science	-	E

Teach with scientific research approach to produce well knowledgeable Indigenous Medical Doctors to upgrade the system in scientific way.

UNIVERSITY OF COLOMBO SCHOOL OF COMPUTING

Course of Study	Subject Combination (Where prescribed)	M/I
Computer Science	-	E
Information Systems	-	E

SWAMY VIPULANANDA INSTITUTE OF AESTHETIC STUDIES, EASTERN UNIVERSITY, SRI LANKA

Course of Study	Subject Combination (Where prescribed)	M/I
Music	-	T
Dance	-	T
Drama & Theatre	-	T
Visual & Technological Arts	-	T