

2022 FACULTY OF HUMANITIES & SCIENCES

STUDENT GUIDE



SLIIT **UNI**

THE KNOWLEDGE UNIVERSITY



THE FUTURE AWAITS YOU

The goals and decisions you pursue today will take you to the next level.
If your decision is to be "Tomorrow's Great", you Should join SLIIT Higher
Education, a globally recognised Institute

BE SMART. BE WISE

"The Next You" is determined by your next level of education in the fields of;
COMPUTING | BUSINESS | ENGINEERING | HUMANITIES AND SCIENCES | ARCHITECTURE

- ▶ Scholarships worth over Rs. 50 Million
- ▶ A grant of Rs. 120 Million for new scientific research
- ▶ Internationally accredited lecture panel
- ▶ Educational facilities of international standards

CONTENTS

MESSAGE FROM THE DEAN	04
INTRODUCTION TO THE FACULTY	05
BIOTECHNOLOGY	06
EDUCATION	08
PHYSICAL SCIENCES	10
BIOLOGICAL SCIENCES	12
ENGLISH	14
LAW	16
PSYCHOLOGY	18
NURSING	20
FINANCIAL MATHEMATICS AND APPLIED STATISTICS	22
ABOUT LABORATORIES	24
HEADS OF THE DEPARTMENTS	25
ACADEMIC STAFF	26
GPA	28
WHAT'S NEXT	29

MESSAGE FROM THE DEAN

The Faculty of Humanities and Sciences strives to develop professionals in the areas of Biotechnology, Education, Law, Nursing and Psychology. We have invested heavily in developing the infrastructure required for our programmes including state-of-the-art laboratories, smart classrooms, access to e-repositories and reference books. Currently the Faculty offers 8 programmes related to the above areas and intends to increase up to 15 in the near future.

The Faculty currently has six state-of-the-art laboratories namely, Biochemistry and Molecular Biology, Tissue Culture, Physics, Nursing Skills, Nutrition and Anatomy. All of these laboratories are well equipped to aid research and laboratory practical lessons of the Science related programmes. In addition the Faculty also operates a Greenhouse in terms of a hi-tech agriculture system (Vertical Farming) to aid the teaching and research of the Biotechnology programme. The Greenhouse was established following the award of the largest Research Innovation and Commercialization (RIC) grant offered by the World Bank funded Accelerating Higher Education Expansion and Development (AHEAD) operations to a non-state higher education institute in the country.

Our degree programmes have been designed with the consultation of our well-experienced and qualified panel of academics and industry experts. The Faculty consists of a panel of eminent academics which includes, Prof. Colin Peiris, Professor in Biotechnology and Emeritus Professor of University of Peradeniya, Prof. Sriyani Peiris, Professor of Biotechnology and Emeritus Professor of University of Peradeniya. Prof. Denzil Rosa, Professor in Physics of University of Colombo, Prof. Naganathan Selvakkumaran, Professor in Law and Legal studies of University of Colombo.

The aim of the Faculty is to groom a well-balanced student with high level of employability with strong 21st Century skills. The Faculty encourages students to take part in extracurricular activities conducted in the campus in addition to the academic work they carryout in order to achieve the above aim.

We encourage you to join the Faculty of Humanities and Sciences to experience a complete university environment and be a part of a vibrant student body.

DR.
MALITHA
WIJESUNDARA
DEAN-FACULTY OF HUMANITIES & SCIENCES



FACULTY OF HUMANITIES & SCIENCES

The Faculty of Humanities and Sciences is the latest addition at SLIIT that offers the widest range of programmes offered by a Faculty within the Campus.

THE FACULTY OFFERS PROGRAMMES IN THE AREAS OF BIOTECHNOLOGY

EDUCATION

LAW

NURSING

PSYCHOLOGY

The Faculty has established both local and foreign affiliations to provide the students with the options of selecting the recognition of their degree programmes. The Faculty also has an experienced and continuously expanding panel of 31 full-time academics including 10 PhDs and 5 Professors.

DEGREES - SLIIT BED/BSC HONOURS DEGREES

Duration	: 4 Years
Entry	: February / June / September
Location	: Malabe
Offered	: Weekdays
Examinations	: Weekdays / Weekends

ACADEMIC & PROFESSIONAL RECOGNITION

Approved by Ministry of Higher Education Sri Lanka
Member of the Association of Commonwealth Universities (ACU)
Member International Association of Universities (IAU)



BSc (HONS) IN BIOTECHNOLOGY

The wide concept of "biotech" or "biotechnology" encompasses a wide range of procedures for modifying living organisms according to human purposes, going back to domestication of animals, cultivation of the plants, and "improvements" to these through breeding programs that employ artificial selection and hybridization. Modern usage also includes genetic engineering as well as cell and tissue culture technologies.

In a pioneering effort the SLIIT, as the leading Higher Education provider in the country, has embarked in offering Biotechnology and related science degrees through the newly established Faculty of Humanities and Sciences.

Duration	: 4 years
Entry	: September/February/June
Location	: Malabe
Offered	: Weekdays
Examinations	: Weekdays/ Weekends

ACADEMIC AND PROFESSIONAL RECOGNITION

Approved by the Ministry of Higher Education, Sri Lanka

CAREER OPPORTUNITIES

- Scientists
- Agricultural Industry
- Nutritional Biotechnology
- Forensic investigations
- Managers in the Medical Laboratories
- Lecturer
- Product Manufacturing & Production,
- Bioinformatics,
- Marine Biotechnology

ENTRY REQUIREMENTS

Three 'S' passes at G.C.E. Advanced Level examinations OR three 'D' passes at Edexcel or Cambridge Advanced Level examinations obtained at one and the same sitting in the Science stream (covering Biology & Chemistry) AND a pass in the aptitude test conducted by the Institute.



YEAR ONE

SEMESTER 01

SC1131	Analytical and Physical Chemistry Laboratory	01
SC1132	Analytical and Physical Chemistry	02
SC1143	Introduction to Biology	03
SC1153	Introduction to Biotechnology	03
SC1162	Laboratory Safety and Management	02
SC1172	Introduction to Information Technology	02
EN1072	Communication Skills	02

SEMESTER 02

SC1181	Organic Chemistry Laboratory	01
SC1182	Organic Chemistry	02
SC1193	Mathematics and Biophysics	03
SC1203	Introduction to Molecular Biology	03
SC1213	Microbiology	03
SC1223	Cell Biology	03
SC1232	Genetics	02

YEAR TWO

SEMESTER 01

SC2153	Animal and Human Physiology	03
SC2162	Introductory Bioinformatics	02
SC2172	Genome Structure and Organization	02
SC2183	Molecular Biology	03
SC2192	Plant Physiology	02
SC2203	Bio-Statistics	03

SEMESTER 02

SC2213	Animal Cell Culture	03
SC2223	Biochemistry	03
SC2233	Plant and Animal Breeding	03
SC2243	Food Biotechnology	03
SC2253	Techniques in Molecular Biotechnology	03
SC2263	Plant Tissue Culture and Laboratory	03

YEAR THREE

SEMESTER 01

BT3512	Omic Science	02
BT3522	Genetic Engineering	02
BT3533	Bioinformatics	03
BT3543	Biotechnology for Crop and Animal Improvement	03
BT3553	Environmental Biotechnology	03
BT3563	Plant Pest and Diseases	03

SEMESTER 02

SC3263	Industrial Biotechnology	03
SC3273	Organizational Leadership	03
SC3282	Protein Engineering	02
SC3293	Immunology	03
SC3303	Human Genome and Medical Biotechnology	03
SC3312	Introduction to Nano-Technology	02

YEAR FOUR

SEMESTER 01

SC4093	Experimental Design and Research Methodology	03
SC4102	Regulation in Gene Expression	02
SC4112	Biosafety, Regulations and Ethics	02
SC4123	Introduction to Business Management and Entrepreneurship	03
SC4132	Quality Control Management of food Products	02
SC4143	Advanced Molecular Biology (Elective)	03
SC4153	Advanced Bioinformatics (Elective)	
SC4163	Bioprocessing (Elective)	

SEMESTER 02

SC4173	Forensic in Biotechnology (Optional)	03
SC4188	Research Project	08
SC4193	Internship	03

BEd (Hons) DEGREES

The Bachelor of Education Degree Programme expects to upgrade the academic knowledge and professional competencies of student teachers. Highly skilled teachers are one of the single most important influences on student success. The Bachelor of Education programme at SLIIT attempts to meet current needs of the national education system by keeping abreast of the needs of the 21st century and the new challenges brought about by information technology.

BACHELOR OF EDUCATION (HONS) DEGREE PROGRAMMES

BACHELOR OF EDUCATION (HONS) IN BIOLOGICAL SCIENCES

The BEd (Hons) in Biological Sciences specializes in methods to teach subjects of Biology and Chemistry in secondary schools including G.C.E. Advanced Level classes

BACHELOR OF EDUCATION (HONS) IN ENGLISH

The BEd (Hons) in English aims to produce teachers who are competent to teach English language and Literature in secondary schools including G.C.E. Advance Level classes

BACHELOR OF EDUCATION (HONS) IN PHYSICAL SCIENCES

Upon completion of the BEd (Hons) in Physical Sciences, the graduates will be able to specialize in methods to teach subjects, namely Physics and Mathematics in secondary schools including G.C.E. Advanced Level classes

PROFESSIONAL AREAS COVERED IN THE PROGRAMME

- Deeper understanding of students and their learning strategies
- Principles of education
- Psychological needs of children in the context education
- Professionalism in teaching (teaching as a profession)
- New trends in education Education for the 21st Century
- Smart teaching and learning
- Deeper understanding of the role of the teacher and teaching strategies
- Use of ICT in education
- Educational technology
- Teacher vs. student centered learning
- Classroom management
- Testing and evaluation in education



YEAR ONE

SEMESTER 01

ED1013	Philosophical Foundation in Education	03
ED1022	ICT for Education	02
EN1072	Communication Skills	02

SEMESTER 02

ED1033	Psychological Foundation of Education	03
ED1043	Teaching Methods – General & Special	03
ED1052	Sociological Foundation of Education	02

YEAR TWO

SEMESTER 01

ED2013	Comparative Education	03
ED2022	Guidance and Counselling	02
ED2033	Measurement and evaluation	03

SEMESTER 02

ED2042	Value Education	02
ED2052	Management of Learning	02
ED2062	Aesthetic Education	02
ED2072	Educational Planning	02

YEAR THREE

SEMESTER 01

ED3012	Soft Skills for Teachers	02
ED3022	Child Rights	02
ED3032	Physical Education	02

SEMESTER 02

ED3043	Lifelong Education	02
ED3053	Portfolio and Teaching Practice	08
ED3052	Tertiary Education	02

YEAR FOUR

SEMESTER 01

ED4013	Research Methods	03
ED4023	Curriculum Theory and Practice	03

SEMESTER 02

ED4036	Dissertation	06
ED4046	Practicum (Teaching Practice)	06

BEd (Hons) PHYSICAL SCIENCES

The BEd (Hons) in Physical Sciences is a four year full-time degree programme. In the four years of study we provide a balance between both theoretical and practical essence of Physics, Mathematics and Education related subjects. This degree run alongside courses focusing on developing educational skills essential for teaching Physics and Mathematics at the secondary schools including Advanced Level classes. Our Bachelor of Education graduates are sought after by both public and private sector institutions and will be acceptable locally and globally.

WHY CHOOSE PHYSICAL SCIENCES?

- Be a professional A/L teacher in Physics and Mathematics
- 10 weeks of teaching practicum in a school setting
- Covers the contents of PG Diploma in Education in addition to Physics and Mathematics
- Taught in English medium which opens postgraduate pathways.
- Opportunities in state schools, international schools, overseas schools and private tuition

CAREER OPPORTUNITIES

- English medium teaching opportunities in State and Private sector
- Lecturers in Non-commissioned Offices in Education System
- University Lecturers
- Sri Lanka Education Administrative Service Offices
- Overseas teaching opportunities
- Project officers in educational projects funded by international organizations

ENTRY REQUIREMENTS

Three 'S' passes at G.C.E. Advanced Level examinations OR three 'D' passes at Edexcel or Cambridge Advanced Level examinations obtained at one and the same sitting in the Physical stream (including Combined Mathematics/ Higher Mathematics and Physics) AND a pass in the aptitude test conducted by the Institute.



YEAR ONE

SEMESTER 01

MA1014	Pre-calculus	04
MA1023	Discrete Mathematics	03
SC1033	General Physics I	03
SC1041	Physics Practical 1	01

SEMESTER 02

MA1054	Differential Calculus	04
MA1063	Probability Theory and Statistics	03
SC1073	General Physics II	03
SC1081	Physics Practical 2	01

YEAR TWO

SEMESTER 01

MA2014	Integral Calculus	04
MA2013	Linear Algebra	03
SC2023	Waves and Optics	03
SC2031	Physics Practical 3	01

SEMESTER 02

MA2044	Multivariate Calculus	04
MA2053	Advanced Statistics	03
SC2063	Electromagnetism I	03
SC2071	Physics Practical 4	01

YEAR THREE

SEMESTER 01

MA3013	Ordinary Differential Equations	03
MA3022	History of Mathematics	02
SC3033	Electromagnetism II	03
SC3043	Thermodynamics	03
SC3051	Physics Practical 5	01

SEMESTER 02

MA3063	Dynamics	03
MA3073	Numerical Methods	03
SC3083	Electronics	03
SC3091	Physics Practical 6	01

YEAR FOUR

SEMESTER 01

MA4013	Partial Differential Equations	03
MA4023	Real Analysis	03
SC4033	Modern Physics	03

BEd (Hons) BIOLOGICAL SCIENCES

The BEd (Hons) in Biological Sciences is a four-year full-time degree programme. This degree demonstrates command and understanding of the subject matter related to Biology and Chemistry disciplines and teaching principles to exhibit professional competence in teaching Biology and Chemistry for secondary classes including Advanced Level. The graduates will be able to utilize different generic skills in teaching and learning and display commitment to teaching with a professional and ethical attitude, with a global perspective.

WHY CHOOSE BIOLOGICAL SCIENCES?

- Taught in English medium which opens postgraduate pathways
- Opportunities in state schools, international schools, overseas schools and private tuition
- Covers the contents of PG Diploma in Education in addition to Biology and Chemistry
- Opportunities in state schools, international schools, overseas schools and private tuition

CAREER OPPORTUNITIES

- English medium teaching opportunities in State and Private sector
- Lecturers in Non-commissioned Offices Education System
- University Lecturers
- Sri Lanka Education Administrative Service Offices
- Overseas teaching opportunities
- Project officers in educational projects funded by international organizations

ENTRY REQUIREMENTS

Three 'S' passes at G.C.E. Advanced Level examinations OR three 'D' passes at Edexcel or Cambridge Advanced Level examinations obtained at one and the same sitting in the Science stream (covering Biology & Chemistry) AND a pass in the aptitude test conducted by the Institute.



YEAR ONE

SEMESTER 01

SC1013	Chemical and Cellular Basis of Life	03
SC1022	General Chemistry	02
SC1031	General Chemistry Laboratory	01

SEMESTER 02

SC1043	Basic Analytical Chemistry	03
SC1052	Evolution and Diversity of Organisms	04
SC1061	Inorganic Chemistry I	02
SC1071	Inorganic/Analytical Chemistry Laboratory I	01
SC1081	Laboratory Safety and Management	01

YEAR TWO

SEMESTER 01

SC2015	Plant Form and Function	05
SC2022	Organic Chemistry I	02
SC2031	Organic Chemistry Laboratory I	01
SC2041	Organic Synthesis	01
SC2052	Industrial Chemistry	02

SEMESTER 02

SC2066	Animal Form and Function	06
SC2072	Physical Chemistry I	02
SC2081	Physical Chemistry Laboratory I	01
SC2091	Biochemistry	01

YEAR THREE

SEMESTER 01

SC2101	Environmental Chemistry	01
SC3013	Environmental Biology	03
SC3023	Microbiology	03
SC3033	Inorganic Chemistry II	02
SC3041	Inorganic/ Analytical Chemistry Laboratory II	01
SC3051	Natural products	01

SEMESTER 02

SC3062	Principles of Genetics	02
SC3072	Molecular Biology – Basic Techniques and Applications	02
SC3084	Applied Biology	04
SC3092	Solid State and Organometallic Chemistry	02
SC3101	Organic Chemistry Laboratory II	01
SC3112	Fundamentals of Spectroscopy	02
SC3121	Nanotechnology	01
SC3131	Computational Chemistry	01

YEAR FOUR

SEMESTER 01

SC4011	Food Technology	01
SC4021	Immunology	01
SC4032	Advanced Biology	02
SC4042	Physical Chemistry II	02
SC4051	Physical Chemistry Laboratory II	01
SC4061	Nuclear Chemistry	01
SC4071	Surface Science and Catalysis	01

BEd (Hons) ENGLISH

This degree programme is aimed at developing professional teachers who will be capable of teaching English Language and Literature in secondary as well as high school. It provides a balance between the discipline of English; which includes both language and literature and that of Education.

During the first two years of the degree programme, a solid foundation will be laid in both the fields of English and Education.

In the next two years to follow, while the above mentioned disciplines are being strengthened elective modules could be chosen by the students depending on their interest and the availability of these modules at the establishment.

While providing a profound understanding of the subjects delivered, this degree programme moulds qualified teachers of English Language and Literature, as a considerable period of teaching practice is included in the programme.

WHY CHOOSE ENGLISH?

- Be a professional AL teacher in English
- 10 weeks of teaching practicum in a school setting
- Covers the contents of PG Diploma in Education in addition to English & English literature
- Taught in English medium which opens postgraduate pathways
- Opportunities in state schools, international schools, overseas schools and private tuition

CAREER OPPORTUNITIES

- English medium teaching opportunities in State and Private sector
- Lecturers in Non-commissioned Offices Education System
- University Lecturers
- Sri Lanka Education Administrative Service Offices
- Overseas teaching opportunities
- Project officers in educational projects funded by international organizations

ENTRY REQUIREMENTS

Three 'S' passes at G.C.E. Advanced Level or three 'D' passes at Edexcel or Cambridge Advanced Level examinations with English Literature as a subject OR three 'S' passes at English medium G.C.E. Advanced Level examinations done in any discipline obtained at one and the same sitting AND a pass in the aptitude test conducted by the Institute.



YEAR ONE

SEMESTER 01

EN1073	History of English Language	03
EN1023	Introduction to English Language and Grammar	03
EN1033	Basic Concepts in English Language Teaching	03
EN1043	Introduction to English Literature	03

SEMESTER 02

EN1053	Background to Literary Periods	03
EN1063	Academic Reading and Writing	03

YEAR TWO

SEMESTER 01

EN2013	Structure of English I (Phonetics, Phonology and Phonological Processes)	03
EN2022	Romantic Poetry	02
EN2033	Computer Assisted Language Learning (CALL)	03
EN2043	Structure of English II (Morphology and Syntax)	03

SEMESTER 02

EN2053	Introduction to American Literature and Civilization	03
EN2063	Teaching: Reading, Writing and Vocabulary	03
EN2073	Sri Lankan Literature in English	03

YEAR THREE

SEMESTER 01

EN3013	ELT Curriculum Design	03
EN3023	Teaching: Listening and Speaking	03
EN3033	Victorian Literature	03
EN3043	Discourse Analysis	03
EN3052	Tertiary Education	02

SEMESTER 02

EN3063	Literary Theory in English	03
EN3073	Second Language Acquisition and ESL in Sri Lanka	03
EN3083	Shakespeare Studies	03
EN3093	Lesson Planning and ELT Material Development Mechanics	03

YEAR FOUR

SEMESTER 01

EN4013	World Literature in English	03
EN4023	Study of Linguistics: Applied/Socio/Psycholinguistics	03
EN4032	Augustan Literature	02
EN4042	Women Writers	02

LLB (Hons) LAW

The Faculty offers a fully-franchised LLB (Hons) Law programme in affiliation with the Liverpool John Moores University, UK to provide students with a competitive qualification they would need to pursue employment in the field of law and legal studies. Liverpool John Moores University's LLB(Hons) Programme offered at SLIIT is a complete UK degree which seeks to transform undergraduates into legal professionals who can compete not only locally but also globally. The 3 year degree programme consists of core modules which give students a firm grasp of the fundamentals of English law, and optional modules which give students an opportunity to acquire knowledge about specialized areas of law such as human rights, financial crimes, banking, international law etc. The degree with its strong industry focus offers modules such as moot, mediation and negotiation that allow students to equip themselves with the knowledge and skills needed for traditional legal careers as well as non-traditional careers, for instance, as professional mediators or negotiators etc.

Duration	: 3 years
Entry	: September/ January
Location	: Malabe
Offered	: Weekdays
Examinations	: Weekdays/ Weekends

CAREER OPPORTUNITIES

An LLB(Hons) degree can open a variety of career pathways both locally and globally. The traditional career pathways for LLB graduates include working as Attorneys-at-law of the private bar, officers of the Attorney-General's department starting out as state counsels, joining the judiciary and working as judges, working in government departments and ministries including the Legal Draftsman's department, working in law firms, working as legal officers of private companies, as politicians or as academics. Non-traditional career pathways include working in NGO's, international organizations such as the UN, or Legal Process Outsourcing Companies (LPOs), working as researchers, professional arbitrators, mediators or negotiators.

ACADEMIC AND PROFESSIONAL RECOGNITION

Affiliated with Liverpool John Moores University, UK. Recognized as Qualifying Law Degree (QLD) by Solicitors Regulation Authority (SRA)

ENTRY REQUIREMENTS

Two Credit (C) passes and one Simple pass (S) in any subject stream at GCE(Advanced Level) Examination Sri Lanka, at the General Certificate of Education (Advanced Level) Examination, UK or any other Examination within the criteria of recognizing Advanced Level qualifications as recommended by the Department of Examinations of Sri Lanka in one and the same sitting ; and a Credit (C) pass for English at GCE (Ordinary Level) Examination, Sri Lanka and A pass at the aptitude test conducted by SLIIT and the interview conducted by the School of Law, SLIIT



LEVEL 04
YEAR ONE
SEMESTER 01

All modules are 20 credit modules except the Dissertation module (40 credits) at L6. Students are required to obtain 120 credits in each year of study from a combination of core and option modules

Independent Learning and Legal Skills
Foundations of Law
Principles of Contract Law

SEMESTER 02

Tort Law
Criminal Law
Public Law

LEVEL 05
YEAR TWO
SEMESTER 01

Required to obtain 80 credits from core modules and 40 credits from option modules Core Modules- Required to obtain a total of 80 credits

Law of the European Union
Equity and Trusts

SEMESTER 02

Remedies in Contract and Tort
Land Law

Option modules- Required to obtain a total 40 credits. One option module to be done in each semester

SEMESTER 01

Politics and International Human Rights
Introduction to Business Law
Criminal Justice Process

SEMESTER 02

Law of Succession
Law of the Vulnerable Person
Property Offences

LEVEL 06
YEAR THREE
SEMESTER 01

Required to obtain all 120 credits from the following option modules At level 6 students may take 120 credits of Options, either 6 x 20 credit modules or 4 x 20 and 1 x 40. Students should take three options per semester

Public International Law
Company Law
Intellectual Property Law
Mediation
Mooting
Bank and Financial Services Regulation
Family Law

SEMESTER 02

Commercial Law
Gender, Sexuality and the Law
Evidence
The United Nations and International Security
Animal Welfare and the Law
Law Relating to Financial Crime
Negotiation

*Year Long 40 credit options
Year Long
Dissertation*

BSc (Hons) PSYCHOLOGY

Psychology is becoming an increasingly popular discipline of study within the higher education sector due to the versatility of the subject. The discipline is an empirical science that aims to understand the mind and behaviour in humans. An individual with a Psychology qualification can choose the areas they wish to continue their work depending on their own interests, skills, and education choices. BSc (Hons) Psychology provides the student with Psychology literacy equipped with critical thinking skills, which are developed within a context of rigorous scientific methodology enabling the student to to successfully face the challenges within the work environment of their choice.

Duration	: 3 years
Entry	: February/ June
Location	: Malabe
Offered	: Weekdays
Examinations	: Weekdays/ Weekends

ACADEMIC AND PROFESSIONAL RECOGNITION

Affiliated with Liverpool John Moores University, UK

PROFESSIONS DERIVED FROM ORGANIZATIONAL PSYCHOLOGY *

- Work Psychologist
- HRM Consultant
- Careers Advisor/Consultant
- Marketing Strategist
- Ergonomics Specialist
- Corporate Trainer

GENERAL OCCUPATIONS

- Clinical/Counselling Psychologist
- Developmental Psychologist
- Forensic Psychologist
- Psycho-social Worker
- Mental Health Researcher
- Health Psychologist

PROFESSIONS DERIVED FROM CHILD & EDUCATIONAL PSYCHOLOGY *

- Child Psychologist
- Educational Psychologist
- Special Needs Teacher

**Students are highly encouraged to pursue a postgraduate qualification in the specific field in Psychology in order to gain further expertise*

ENTRY REQUIREMENTS

Pass in three subjects at the G.C.E Advanced Level Examinations (Local or London or equivalent) obtained at one and the same sitting in any stream & a pass in the aptitude test and interview conducted by the Institute.



YEAR ONE

SEMESTER 01

PS1113	Studying Psychology	03
PS1123	Research Methods and Statistics in Psychology	03
Part I	Relationships and Associations	
PS1134	Introduction to Developmental Psychology and Individual Differences	04
PS1144	Psychological Themes	04
EN1072	Communication Skills	03

SEMESTER 02

PS1213	Research Methods and Statistics in Psychology	03
Part II	Testing for Differences	
PS1224	Introduction to Biological and Cognitive Psychology	04
PS1234	Concepts in Mental Health and Wellbeing	04
EN1082	English for Academic Purposes	03

YEAR TWO

SEMESTER 01

PS2113	Research Methods and Statistics in Psychology	03
Part III	Qualitative Research Methods	
PS2124	Cognitive and Biological Psychology	04
PS2134	Developmental and Social Psychology	04
PS2144	Contemporary Issues in Applied Psychology	04

SEMESTER 02

PS2213	Research Methods and Statistics in Psychology	03
Part IV	Advanced Quantitative Psychology	
PS2224	Careers and Employability	04
PS2234	Mental Health Disorders	04
PS2243	Psychology Internship	03

YEAR THREE

BSc (Hons) Psychology (Top-Up) , LJMU

6502PSYSLI	Healty Psychology	20
6504PSYSLI	Positive Psychology	20
6505PSYSLI	Psychology in Education	20
6508PSYSLI	Social Cognition	10
6510PSYSLI	Work Psychology	10
6500PSYSLI	Psychology Dissertation	40

BSc (Hons) NURSING (INTERNATIONAL)

Nursing is a profession within the health care sector focused on the care of individuals, families, and communities so that they may attain, maintain, or recover optimal health and quality of life. Nurses may be differentiated from other health care providers by their approach to patient care, training, and scope of practice. Nurses practice in many specialties with differing levels of prescription authority.

THE FACULTY CURRENTLY OFFERS TWO TYPES OF NURSING PROGRAMMES

- Higher Diploma in Nursing is a three year programme that will provide the theoretical and clinical exposure students would need to pursue careers in Nursing in the Private Sector here in Sri Lanka and abroad
- Bachelor of Science (Hons) in Nursing – Affiliated with LJMU, UK is a one year top up programme that is designed for the SLMC/ SLNC registered Nurses of Sri Lanka who wish to upgrade their qualifications and be eligible to migrate for employment abroad.

Duration	:	3 years/ 1 year
Entry	:	September/ February/ June
Location	:	Malabe
Offered	:	Weekdays/ Weekends*
Examinations	:	Weekdays/ Weekends

**Weekend classes for the BSc (Hons) Nursing (One year top up degree)*

ACADEMIC AND PROFESSIONAL RECOGNITION

Affiliated with Liverpool John Moores University, UK

ENTRY REQUIREMENTS FOR HIGHER DIPLOMA IN NURSING

Passes in three subjects at the G.C.E. Advanced Level examinations (Edexcel / Cambridge / Local or equivalent) obtained at one and the same sitting in the Science stream. A pass in the aptitude test conducted by SLIIT.

ENTRY REQUIREMENTS FOR BSc (Hons) NURSING (INTERNATIONAL) – LJMU (TOP-UP)

1. Registration at SLNC/ SLMC, the local nursing regulatory body
2. Three-year Diploma in Nursing – Ministry of Health (Certificate and one-page transcript from Ministry of Health)
3. Experience of at least one year of service as a nurse before the commencement date of the bridging programme (Appointment letter, service letter from the hospital)
4. Pass the aptitude test which will be conducted to assess English Knowledge

**Weekend classes for the BSc (Hons) Nursing (International) – LJMU (One-year top up degree)*



YEAR ONE

SEMESTER 01

EN1072	Communication Skills	03
NS1012	Human Anatomy	02
NS1022	Human Physiology	02
NS1032	Biochemistry	02
NS1042	Microbiology & Parasitology	02
NS1052	History, Ethics & Professionalism in Nursing	02
NS1062	Introduction to Study Skills	02
NS1072	Fundamentals of Nursing-1	03

SEMESTER 02

EN1082	English for Academic Purposes	03
NS1082	Pharmacology 1	02
NS1092	Nutrition & Dietetics 1	02
NS1102	Psycho-Social Aspect in Nursing	02
NS1114	Fundamentals of Nursing 2	04
NS1123	Nursing Practice 1	03

YEAR TWO

SEMESTER 01

EN2092	Advanced English Skill	02
NS2012	Pathology	02
NS2021	Nursing Research 1	01
NS2032	Pharmacology 2	02
NS2042	Adult Nursing 1	02
NS2052	Women's Health Nursing 1	02
NS2062	Community Health Nursing 1	02
NS2072	Nursing Practice 2	02

SEMESTER 02

NS2083	Nursing Research and Biostatistics	03
NS2091	Management & Leadership in Nursing 1	01
NS2102	Adult Nursing 2	02
NS2112	Women's Health Nursing 2	02
NS2121	Pediatric Nursing 1	01
NS2134	Mental Health & Psychiatric Nursing	04

YEAR THREE

SEMESTER 01

NS3012	Mini Research	02
NS3022	Nutrition & Dietetics 2	02
NS3034	Pediatric Nursing 2	04
NS3043	Community Health Nursing 2	03
NS3052	Adult nursing 3	02
NS3062	Nursing practice 3	02

SEMESTER 02

NS3071	Trends, Issues & Professional Development in Nursing	01
NS3081	Teaching and Learning	01
NS3093	Elderly Care Nursing	03
NS3102	Adult Nursing 4	02
NS3112	Emergency and Critical Care Nursing	02
NS3122	Nursing Practice 4	02

BSC (HONS) NURSING (TOP-UP) , LJMU

LEVEL 5

5001SLT	Developing academic study skills	40
5002SLT	Professional development for practice	40

LEVEL 6

SEMESTER 01

6000SLTN	Dissertation Individual Study	15
6101SLTN	Nursing Within a Global Context	20
6003SLTN	Research in Health and Social Care	20

SEMESTER 01

6000SLTN	Dissertation Individual Study	15
6502HEAL	Leadership Development through Action Learning	10
6504HEAL	Systematic Health Assessment	20
6506HEAL	Ethical & Legal Issues in Nursing	20

BSc (Hons) FINANCIAL MATHEMATICS AND APPLIED STATISTICS

Mathematics is the foundation of the financial world. It allows investors, traders, and bankers to make optimal decisions and mitigate risk in a rational way. Financial mathematics is the application of mathematical models to solve various financial issues and in particular to find solutions when we have to face different risk factors. Applied Statistics is the application of statistics to derive inferences and solve real problems in business based on data collected from samples in order to apply to the population. Thus, the combination of Financial Mathematics and Applied Statistics can be considered as one of the corner stones in the financial world.

On the other hand, the financial industry is one of the largest and most data driven sector in the world, irrespective of the level of development of the country. This happens to be the industry that demand graduates possessing diverse quantitative skills with deep knowledge of mathematics, statistics and their applications complemented by the background knowledge in finance, economics, and computing. Furthermore, employment opportunities of such graduates in financial sector has been projected to grow 18% annually since 2019 and these graduates can earn money with less stress.

The graduates with sound knowledge of Financial Mathematics and Applied Statistics would become the key persons in any financial industry as all decisions are based on their models.

Duration	:	4 years
Entry	:	June / September
Location	:	Malabe
Offered	:	Weekdays

ACADEMIC AND PROFESSIONAL RECOGNITION

Approved by the Ministry of Education (Gazette number: 2216/39 dated 27 February 2021)

CAREER OPPORTUNITIES

- | | | |
|------------------------------|---|--------------------------|
| - Actuarial Analysts | - Business Analysts | - Budget Analysts |
| - Enterprise Risk Actuaries | - Financial Analysts | - Insurance Underwriters |
| - Insurance Claims Adjusters | - Insurance Actuaries | - Research Analysts |
| - Investment Banker | - Life Insurance Actuaries | - Risk Manager |
| - Quantitative Analysts | - Pension and Retirement Benefits Actuaries | |

ENTRY REQUIREMENTS

Three subjects in Physical Science stream at local G.C.E. Advanced Level Examination or equivalent qualification of London/Cambridge A/L examination in one and the same sitting AND a pass in the Aptitude Test conducted by the Institute.



YEAR ONE

SEMESTER 01

BM0010	Accounting	03
MA1033	Calculus I	04
MA1083	Discrete Mathematics	03
MA1074	Probability and Distributions	03
EN1072	Communication Skills	03

SEMESTER 02

IT1010	Introduction to Programming	04
BM1030	Microeconomics	03
MA1091	Statistical Packages	01
MA1092	Statistical Inference	03
EN1082	English for Academic Purposes	03

YEAR TWO

SEMESTER 01

MA2124	Calculus II	04
MA2133	Linear Algebra	03
MA2193	Regression Analysis	03
BM2040	Macroeconomics	03
BM2090	Financial Accounting	03

SEMESTER 02

MA2174	Calculus III	04
MA2183	Differential Equations	03
MA2153	Time Series Analysis	03
MA2201	Statistical Programming with R	01
BM2020	Principles of Management	03

YEAR THREE

SEMESTER 01

MA3223	Numerical Methods	03
MA3233	Theory of Interest	03
MA3243	Sampling Techniques	03
MA3253	Categorical Data Analysis	03
BM2100	Financial Management	03

SEMESTER 02

MA3273	Mathematical Modelling	03
MA3293	Operations Research	03
MA3303	Design and Analysis of Experiments	03
MA3313	Actuarial Mathematics I	03
BM3210	Financial Reporting	03
MA3331	Seminars-Professional Development	01
MA3343	Industrial Training (NGPA)	03

YEAR FOUR

SEMESTER 01

MA4353	Multivariate Data Analysis	03
MA4363	Stochastic Processes	03
BM4170	Strategic Finance	03
MA4383	Loss Models	03
MA4403	Medical Statistics	03
MA4416	Research Project	03

SEMESTER 02

MA4423	Stochastic Calculus	03
MA4433	Econometrics	03
MA4443	Statistical Learning	03
MA4453	Actuarial Mathematics II	03
MA4463	Bayesian Statistics	03

SCIENCE LABORATORIES

The state of the art science laboratories in the Faculty of Humanities and Sciences, SLIIT are comprised of equipment of cutting-edge technology to create advanced knowledge in teaching and research. The laboratory atmosphere itself motivates science students to carry out the practical of their enrolled modules with high enthusiasm. These laboratories are adequately equipped to facilitate staff research in M.Phil, Ph.D and postdoctoral levels.

THE FOUR LABORATORIES,

- **BIOCHEMISTRY**
- **MOLECULAR BIOLOGY**
- **TISSUE CULTURE**
- **PHYSICS LABORATORIES**

fulfil the requirements of future of science.

The greenhouse, a newly added facility, is a fully automated artificial growing environment, the first in any university in Sri Lanka. It facilitates the students to gain hands on experience in economically important crop cultivation using advanced crop growing systems such as hydroponic and aeroponic techniques. Adding another feature to students' experience the greenhouse will have the automated watering, chemical spraying systems, monitoring of the presence of pests, diseases and nutrient deficiency systems by robotic technology developed by our own SLIIT students.

NURSING SKILLS LABORATORY

Nursing skills laboratory at the School of Nursing, Faculty of Humanities and Sciences of SLIIT which exhibits an ideal clinical set up is a well-equipped laboratory where the nursing undergraduates are facilitated to learn nursing skills. Such lab facilities are required for nursing students to master basic procedures prior to practice on patients in the real clinical setting. The nursing skills laboratory of SLIIT has been established to enhance a unique learning experience by performing simulations with basic and advanced care manikins. Nursing skills laboratory which provides adequate spacing and a comfortable environment with air conditioning for undergraduate nursing students consists of sophisticated adjustable beds, manikins, models, diagrams and other teaching and learning materials, medical and surgical equipment facilitate them to perform simulation based learning which is an essential component of the nursing curricula to be covered before the exposure to the real clinical setting. Multi-media facilities are also available at the skills laboratory for audio and video presentations of nursing skills.

HEADS OF DEPARTMENTS / UNITS



PROF. SRIYANI PEIRIS

HEAD – SCHOOL OF NATURAL SCIENCES

BSc (Sri Lanka), MSc (Penn. State, USA), PhD (London)



PROF. NAGANTHAN SELVAKKUMARAN

HEAD – SCHOOL OF LAW

LLB (Second Class Hons) (Colombo), M.Phil in Law (Colombo) Attorney-at-Law (Hons)



MS. NAYOMI ABEYSEKARA

HEAD – ELTU

MA in English, University of Peradeniya PGD in English, University of Peradeniya
BA in English, French & Western Classical Culture, University of Kelaniya
CELTA, University of Cambridge, Certified Cambridge ESOL Speaking Examiner,
Cambridge Assessment English



MS. CHANDRIKA DASANAYAKE

HEAD – SCHOOL OF NURSING

BSC (HONS) NURSING (INTERNATIONAL) DEGREE PROGRAMME

MA (IGNOU), BSc (Nursing), (OUSL) Dip (Teaching and Supervision in Nursing)



PROF. SARATH PEIRIS

HEAD – DEPARTMENT OF MATHEMATICS AND STATISTICS

BSC (HONS) NURSING (INTERNATIONAL) DEGREE PROGRAMME

BSc, MSc, PhD, FRSS, FIASSL

COORDINATORS OF THE FACULTY



DR. SUSIL PERERA

COORDINATOR – SCHOOL OF EDUCATION

PhD (ICT in Education)(OUSL), MEd (Educational Technology)(USM, Malaysia),
PG Dip in Education (NIE), PG Dip in IT (Moratuwa), BSc (Physical Sciences) (Colombo)



MR. NILANGA ABEYSINGHE

COORDINATOR – SCHOOL OF PSYCHOLOGY

BA (Hons) Psych (PDN), MSc Psych (Worcester, UK), MCouns (VU, Aus)
PhD - Thesis submitted (CBO)

ACADEMIC STAFF

DR.	MALITHA WIJESUNDARA	BEng (Hons) (Warwick), PhD (NUS), CISA, MIEEE, MIET, MCS (SL)	DEAN
PROF.	COLIN N. PEIRIS	BSc (PDN), MSc & PhD (Penn. State, USA), DSc (SUSL) hc	DIRECTOR/ ACADEMIC DEVELOPMENT AND QA
PROF.	SRIYANI E. PEIRIS	BSc (PDN), MSc (Penn. State, USA), PhD (London)	PROFESSOR
PROF.	NAGANATHAN SELVAKKUMARAN	LL.B. (Second Class Hons) (Colombo), MPhil in Law (Colombo), Attorney-at-Law	PROFESSOR
PROF.	DENZIL ROSA	PhD (Nuclear Physics) (USA), MSc (USA), BSc (Physics Special with First Class Honours) (Colombo)	PROFESSOR
PROF.	THAIYAMUTHU THANARAJ	MBA (Sri.J) Med (OUSL), PGDE (Colombo), BA (Pera), Dip in Ed. Mgt. (New Delhi), Eng. Trd. (MoE), Gen. Trd (MoE)	PROFESSOR
DR. (MRS.)	MANOURI JAYASINGHE	PhD (English Lit) (INALCO, France), MAS - Master of Advanced Studies (France), MA (American Literature) (France), BA (Hons) (Economics) (Kelaniya)	SENIOR LECTURER (HG)
DR. (MRS.)	KUSHANTHI HARASGAMA	PhD in Law (Monash), LLM (Deakin), Attorneys-at-Law Examinations (Sri Lanka), BA (Hons) in English Literature, (Kelaniya)	SENIOR LECTURER (HG)
DR.	CHARITHA JAYARUK	BSc (Colombo), PhD Chemistry (Alabama)	SENIOR LECTURER (HG)
DR.	SUSIL PERERA	PhD (ICT in Education)(OUSL), MED (Educational Technology)(USM, Malaysia), PG Dip in Education (NIE), PG Dip in IT (Moratuwa), BSc (Physical Sciences) (Colombo)	SENIOR LECTURER (HG)
MS.	UPEKSHA RATHNASENA	BA (Hons) (Kelaniya), MA (Kelaniya), PGDE, TESL (Colombo), MPhil in Education (Thesis submitted) (Colombo), British Council Certified IELTS Trainer	SENIOR LECTURER (HG)
MS.	CHANDRIKA DASANAYAKE	MA (IGNOU), BSc (Nursing), (OUSL) Dip (Teaching and Supervision in Nursing)	SENIOR LECTURER
MS.	INDRANI SIRIWARDENA	BA (USJP), BSc (OUSL), PGDE (OUSL), MEd (OUSL), MSc (Sweden),	SENIOR LECTURER

Mr.	Nilanga Abeysinghe	BA (Hons) Psych (PDN), MSc Psych (Worcester, UK) MCouns (VU, Aus), PhD - Thesis submitted (CBO)	Lecturer
Ms.	Navodya Rajapakse	MA (Colombo), BA (Second Upper) (Kelaniya), Dip. in English (Aquinas)	Lecturer
Ms.	Jayathri Kalinga	MA (TESL) (OUSL), BA (First Class) (Kelaniya)	Lecturer
Ms.	Kavani Wijesuriya	BA (Colombo), MA (Linguistics) (Kelaniya), English Language Teaching Methodology Course, (KDU)	Lecturer
Ms.	Hansi Abeynanda	BSc, (Kelaniya), MSc, (Kelaniya), MPhil (Reading) (USJP)	Lecturer
Ms.	Chathurangi Pathirana	BSc Agri (Hons) (SL), MSc Biotech (SL), MBS (SL)	Lecturer
Mr.	Isuru Kumarasiri	BSc Mathematics (Hons) (USJP), MSc in Financial Mathematics (Colombo)	Lecturer
Ms.	Hiranga Wijedasa	MSc Food Nutrition (KLN), BSc Nursing (USJP)	Lecturer
Ms.	Nilushi Dias	BSc IT (SLIIT), BSc (Hons) Statistics (Colombo), MSc (Moratuwa)	Lecturer
Mr.	Chinthaka Wijeratne	BSc Special (Hons) (Kelaniya)	Assistant Lecturer
Ms.	Kavindi Liyanage	BSc (Hons) in Statistics (Special) (USJP),	Assistant Lecturer
Ms.	Malika Lakmali	BSc Statistics (Hons) (Colombo)	Assistant Lecturer
Ms.	Eshani Fernando	BSc (Mathematics)	Assistant Lecturer
Ms.	Himasha Gunathilaka	BSc (Hons) (Chemistry) (Colombo)	Assistant Lecturer
Ms.	Randhua Gunawardhana	MA (Linguistics) (Kelaniya), PG Dip (TESL) (OUSL), PG Dip in English, (PDN), Bachelor of Arts	Instructor
Ms.	Ashani Peiris	MA (Linguistics) (Kelaniya), BA (Kelaniya),	Instructor

BEd/BSc HONOURS GRADES AND REQUIREMENTS

GRADING SYSTEM

SLIIT uses 12 grades in assessing student performance. These are A+, A, A-, B+, B, B-, C+, C, C-, D+, D and E. To obtain a pass in a subject, a student must score a grade 'C' or above. The value of each grade and definition of student performance is shown below.

GRADE	GRADE PTS.	MARKS RANGE
A+	4.00	90 - 100
A	4.00	80 - 89
A-	3.70	75 - 79
B+	3.30	70 - 74
B	3.00	65 - 69
B-	2.70	60 - 64
C+	2.30	55 - 59
C	2.00	45 - 54
C-	1.70	40 - 44
D+	1.30	35 - 39
D	1.00	30 - 34
E	0.00	00 - 29

GRADE POINT AVERAGE (GPA) PER SEMESTER

The GPA is computed by dividing the sum of the products of the number of credits for each course followed and the grade points earned for that course by a student, by the total number of credits for the courses followed during the semester by that student.

CLASS ATTENDANCE

Regular attendance is expected from all students. 80% attendance is necessary as a minimum requirement to sit examinations. Inability to attend classes and/or examinations must be brought to the notice of the Manager of Student Affairs immediately.

WEIGHTED GRADE POINT AVERAGE (WGPA)

The Weighted Grade Point Average is computed by dividing the sum of the products of the number of credits of all the modules followed and the grade points earned for those modules by a student in a year, by the total number of credits for the modules followed that year. This is then multiplied by an appropriate weighting factor and summed up over the total number of years related to the specific academic qualification.

****Above information applies only to SLIIT Degree programmes.***

WHAT'S NEXT?

Embark on your pathway to greatness with our extensive degree programme options at SLIIT. Please follow the application guidelines below.

Option 01:

Apply Online apply.sliit.lk

Option 02:

Download the application form apply.sliit.lk
Send the duly filled application form to
Manager Student Enrollment, SLIIT, New Kandy Road, Malabe

Option 03:

Obtain the application form from any of our campuses or centres

Option 04:

Call our hotline for further information

011 754 4801

www.sliit.lk

info@sliit.lk

"The Institute reserves to itself the right to effect, at any time during the course of programmes, amendments to the curriculum of its programmes to meet emerging needs of the industry/business and/or in response to the requirements of professional and accreditation bodies."



• **SLIIT MALABE CAMPUS**

New Kandy Road,
Malabe.

Tel : +94 11 754 4801

Fax : +94 11 241 3901

• **SLIIT METROPOLITAN CAMPUS**

BoC Merchant Tower
#28, St Michael's Road,
Colombo 03.

Tel : +94 11 754 4802

Fax : +94 11 230 1906

• **SLIIT MATARA CENTRE**

No. 24, E.H.Cooray Building,
Anagarika Dharmapala Mawatha,
Matara.

Tel : +94 41 754 4501

Fax : +94 41 222 1048

• **SLIIT KANDY CENTRE**

No 670/1/1A,
Peradeniya Road,
Kandy.

Tel : +94 81 720 4204

Tel : +94 81 238 7888

• **SLIIT KURUNEGALA CENTRE**

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Kurunegala.

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• **SLIIT JAFFNA CENTRE**

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