



**HANDBOOK**  
**FACULTY OF GRADUATE STUDIES**  
**UNIVERSITY OF SRI JAYWARDENEPURA**  
EFFECTIVE FROM JANUARY 2017



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Effective from January 2017

Faculty of Graduate Studies  
University of Sri Jayewardenepura

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## Abbreviations

BOS	Board of Study
ERC	Ethical Review Committee
FGS	Faculty of Graduate Studies
GP	Grade Point
GPA	Grade Point Average
MA	Master of Arts
MA-R	Masters of Arts by Research
MBA	Master of Business Administration
MEntr	Master of Entrepreneurship
MPAcc	Master of Professional Accounting
MPhil	Master of Philosophy
MSc	Master of Science
NVQ	National Vocational Qualification
PG	Postgraduate
PG Cert	Postgraduate Certificate
PG Dip	Postgraduate Diploma
PhD	Doctor of Philosophy
SLQF	Sri Lanka Qualification Framework
UGC	University Grants Commission

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## Vice Chancellor's Message

It is with great pleasure I present this message to students enrolling to follow postgraduate studies at Faculty of Graduate Studies (FGS) at University of Sri Jayewardenepura (USJP). You may be aware that university of Sri Jayewardenepura has risen to be the largest university in Sri Lanka in terms of student population following courses in seven faculties. Faculty of Graduate Studies one of these seven faculties responsible for all postgraduate studies pursued in the university.

The ideals of the University of Sri Jayewardenepura are embedded in our motto “Vijja Uppattham Setta (විජ්ජා උපපතතං සෙට්ඨා...)” which sets the foundation for the development of the vision and mission. The vision of the university “Prosper Lives through Education” expresses the commitment human wellbeing through education. The mission “Create and Disseminate knowledge for prosperity of nation while preserving its cultural heritage” reiterates the commitment to search for new knowledge, both existing and new and disseminate it for the betterment of people in our country as well as in the whole world.

The Faculty of Graduate Studies functions through 9 boards of studies in offering postgraduate degrees to enrolling postgraduate students. Those students enrolled to follow any study program at Faculty of Graduate Studies through a selected board of studies will have the strengths of the entire faculty or the department to pursue his studies either as study courses or as research. The university with its vast storehouse of knowledge through its high calibre academics and repositories of documented wisdom of the past is able to support any type of research for any prospective student. The courses offered by FGS include postgraduate certificates and diplomas, masters as well as MPhil and doctoral studies. The professionals of this country are able to continue their education to higher levels without disturbing their careers and without incurring colossal amounts of finances.

Most of the students who have obtained higher degrees from FGS are excelling in both public and private sector holding key positions. The discipline and quality of the higher degrees offered by FGS will guide those who are entering newly to pursue higher studies to embark on a successful journey in their work and individual life. This handbook is designed to help those students who enrol to understand the benefits they get, the responsibilities they have and the correct procedures to follow to complete the studies without obstacles. I request the students to make the optimum use of this handbook and also excel in your studies so that your contribution to the society will be significant to the future generations.

### **Prof Sampath Amaratunge**

Vice Chancellor  
University of Sri Jayewardenepura



## Dean's Message

As the Dean of the Faculty I am happy to welcome newcomers to the Faculty who had registered for postgraduate programs. This Handbook provides general guidelines for postgraduate studies as well as details of all the programs offered. It is useful for students, supervisors, course administrators equally.

The Faculty of Graduate Studies was established in 1996 with the intention of providing leadership and facilitation to the postgraduate teaching and research in the University. It is progressing with its Vision to be the Centre of Excellence in Advanced Learning, Research and Scholarship both within and outside the domain of Sri Lanka. The Faculty operates with nine Boards of Studies namely Social Sciences, Humanities, Life Sciences, Physical Sciences, Management Studies and Commerce, Medical Sciences, Engineering, Technology and Multidisciplinary Studies. The uniqueness of our study programs stems from the strategic disposition of our University, which is thriving towards greater heights in a very modern technological environment but having a solid religious, cultural, traditional knowledge base.

Through the postgraduate courses and research programs, the Faculty intends to produce a knowledgeable and skilled human resources integrated with positive attitudes towards sustainable development. All the courses have been aligned to the Sri Lanka Qualification Framework which is the benchmark in education in the country and is on par with the similar benchmarks outside the country.

The target oriented courses designed with the new approaches and technologies in the modern day facilitates the mid and top level managers to sharpen their knowledge and skills to face new challenges in their work place effectively and efficiently. The programs offered are constantly revised and updated to fit into the current global and local trends and cater to the targeted clientele. The teaching learning process is conducted by a highly qualified staff both internal and external. The external staff are drawn from the private and state sector with wide practical experience. Some of the courses are offered through hybrid mode (integrated class room and e learning) to facilitate an effective learning experience to the busy executive. Through our numerous collaborations with other reputed universities and institutes both local and international, joint research degrees are being offered. The close collaboration with the industry representing both government and private sector ensures that our teaching research and national development efforts are more practical and targeted.

The Graduate Skills Enhancement Program offered by the Faculty has been designed to enhance the research, language and soft skills required to deliver a quality output at the end of the study period as well as develop a wholesome professional.

I hope that students will make use of the facilities and opportunities provided by the Faculty to become outstanding professionals to serve the Country and outside.

**Senior Prof. Hemanthi Ranasinghe**

Dean  
Faculty of Graduate Studies  
University of Sri Jayewardenepura



## University of Sri Jayewardenepura

University of Sri Jayewardenepura is located in a beautiful setting in Gangodawila, a village between Nugegoda and Maharagama, situated in close proximity to high level road running from Colombo to Avissawella. It is situated fifteen kilometers from the Colombo city centre, the commercial hub of the country. The University has risen to be the largest university in Sri Lanka in terms of student population following courses in seven faculties: Applied Sciences, Engineering, Graduate Studies, Humanities and Social Sciences, Management Studies and Commerce, Medical Sciences, and Technology.

The ideals of the University of Sri Jayewardenepura are embedded in our motto "Vijja Uppattham Setta" which sets the foundation for the development of the vision and mission. The Vision of the university "Prosper lives through education" expresses the overarching commitment of human well being through education. The Mission "Create and disseminate knowledge for prosperity of nation while preserving its cultural heritage" reiterates the commitment to search for new knowledge, both existing and new, and disseminate it for the betterment of people in our country as well as in the whole world.

The University is the largest university in the country having a student population of around 13,500 spread in seven faculties; Applied Sciences, Humanities and Social Sciences, Management and Commerce, Graduate Studies, Medical Sciences, Engineering and Technology. The seven faculties offer a large number of academic courses to students to impart modern knowledge together with skills needed for career progression in the local and international employment market. There are 10 research centres conducting research into various critical national issues. In addition the University Research Council provides financial and other assistance to academics and students to conduct research on areas of significance.

University of Sri Jayewardenepura has contributed to the country through delivering a large number of knowledgeable and competent graduates as professionals in many spheres of national development.



## Faculty of Graduate Studies

The Faculty of Graduate Studies was established in the University in January 1996 under Section 48A of the Universities Act No 16 of 1978. According to the Act, the Faculty is the main administrative centre for promoting research and providing courses of study leading to higher degrees and other academic distinctions. The Vision of the Faculty is “to firmly establish itself as a centre of excellence for advanced learning, research and scholarship both within and outside the domain of the country”. Its Mission is ‘to produce high caliber professionals with knowledge and skills by designing and providing innovative courses, achieving excellence in teaching, research and scholarship through local and global partnerships for the wellbeing of the larger community’.

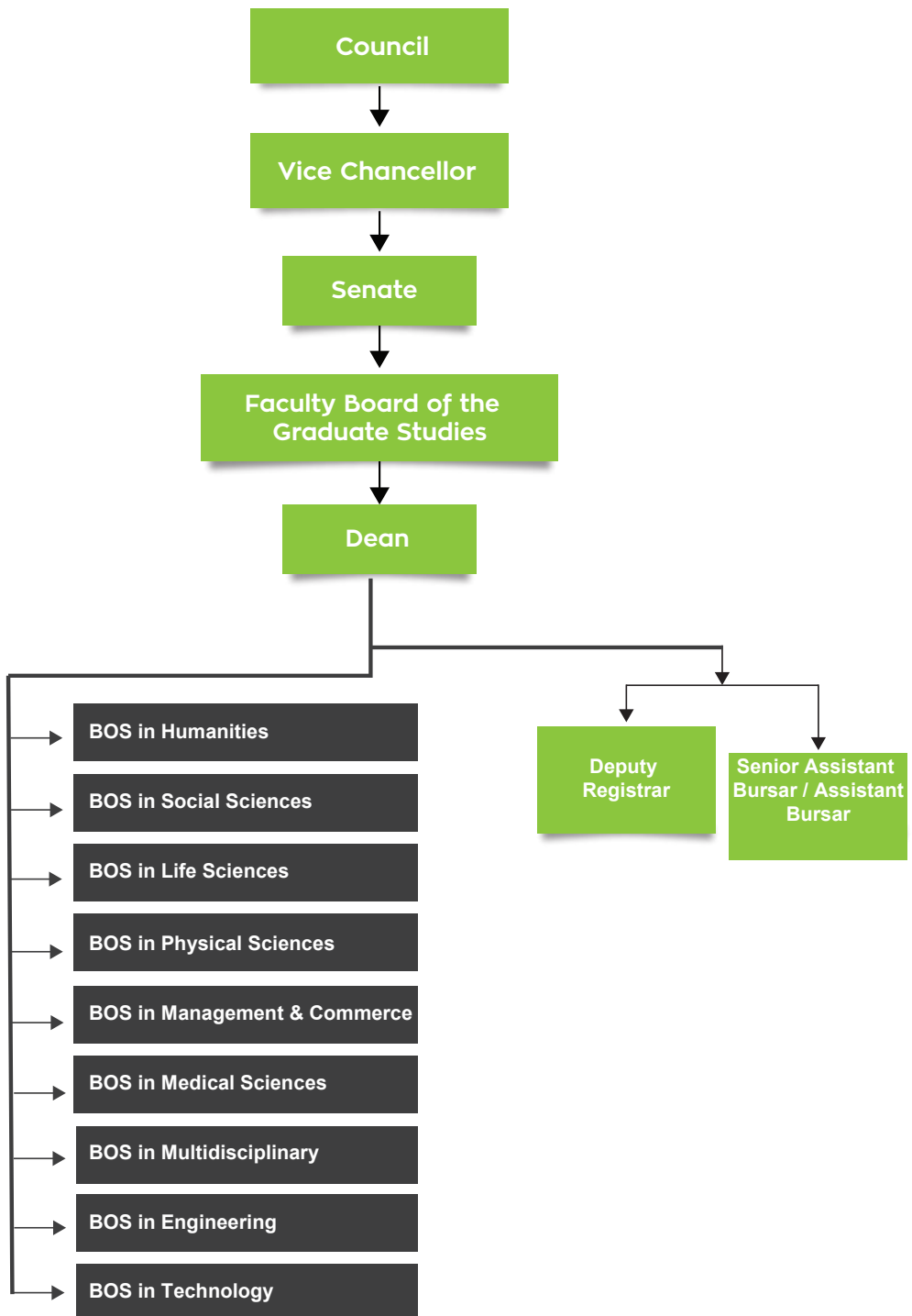
The Faculty is headed by a Dean who guides the academic and administrative functions of the Faculty. Deputy Registrar and Assistant Bursar supported by clerical staff constitute the Faculty to provide assistance to students and the academics involved with the Faculty.

The academic programs of the Faculty are conducted through 9 Board of Studies established in close collaboration with faculties and academic departments in the University. These Board of Studies represent all the study areas in the University and namely Humanities, Social Sciences, Life Sciences, Physical Sciences, Management Studies and Commerce, Medical Sciences, Engineering, Technology and Multidisciplinary Studies.

The approach adopted by the Faculty is not only providing academic laurels to students but also to enhance soft skills such as communication and decision making ability and prepare them to excel in their chosen careers.

As expressed in its Vision, the Faculty has an outreach to several universities and higher education institutions across the world through signing of Memoranda of Understanding (MOUs). Through these MOUs the Faculty offers joint research degrees with several reputed universities across the world. The Faculty is also working closely with policy makers, implementers, the industry represented by both government and private sector in making teaching, research and outreach more targeted. These initiatives will enhance the opportunities for the post graduate students to broaden the scope of work and widen their horizons in order to shine in their chosen paths.

# ORGANIZATIONAL STRUCTURE OF THE FACULTY

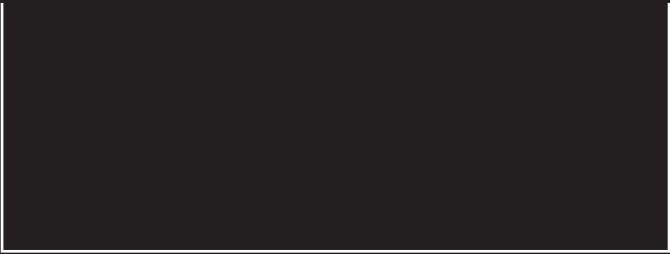






**1**

# **INTRODUCTION**





**1. Introduction:**

The Student Handbook of the Faculty of Graduate Studies is effective from 2017. It outlines the guidelines/regulations adopted by the Faculty/University in the administration of postgraduate studies. Details of all the postgraduate courses offered by the seven Boards of Studies in the Faculty are shown in detail. With the objective of enhancing the quality in postgraduate education in the University, all postgraduate courses had been aligned to the Sri Lanka Qualification Framework (SLQF). The Boards of Studies on Engineering and Technology do not have any taught postgraduate courses presently. The fees of all the postgraduate courses are shown in the website of the Faculty. Any amendments to the content of this Handbook will also be published in the website.



**2**

**GUIDELINES FOR  
POSTGRADUATE STUDIES**



## 2.1 Programs offered by the Faculty of Graduate Studies (FGS)

The programs offered by the Faculty are broadly classified into Certificate Courses, Postgraduate Diplomas, One year Masters Degrees, Masters Degrees by Course work and Research and Research Degrees such as MA-R, MPhil and PhD.

According to the SLQF, four main domains of learning; Knowledge, Skills, Attitudes and Mind-set & Paradigm are being characterized as the K-SAM model. All the courses have been formulated to achieve these learning outcomes. The core areas and the categories of learning outcomes are shown below;

Core area	Categories of Learning Outcomes
Knowledge	Subject / Theoretical Knowledge
	Practical Knowledge and Application
Skills	Communication
	Teamwork and Leadership
	Creativity and Problem Solving
	Managerial and Entrepreneurship
	Information Usage and Management
	Networking and Social Skills
Attitudes, Values, Professionalism and Vision for Life	Adaptability and Flexibility
	Attitudes, Values and Professionalism
	Vision for Life
Mind-set & Paradigm	Updating Self / Lifelong Learning

Following are the SLQF levels for the courses offered by the FGS and eligibility to register.

SLQF Level	Qualification Awarded	No of credits / Duration	Eligibility
7	Post Graduate Certificate	20	SLQF 5 or 6
8	Post Graduate Diploma	25	SLQF 5 or 6
9	Masters Degree by Coursework (one year)	30	SLQF 5 or 6
10	Masters Degree by Course work and Research	60	SLQF 5 or 6
11	Masters Degree by Research (MAR)	2 years full time	SLQF 5 or 6
11	Master of Philosophy (MPhil)	2 years full time	SLQF 6 and above
12	Doctor of Philosophy	3 years full time	SLQF 6 and above

The SLQF level of each type of degree / diploma/ certificate course, minimum admission requirements for the enrollment and the minimum requirements for the completion are shown in Annexure 1. It is expected that in the selection of candidates for postgraduate programs the minimum admission requirement as detailed in the SLQF needs to be met while the desired admission requirements and procedure for selection can differ among the programs of study which would be equal or above the minimum requirements.

## 2.2 Application to courses

The courses offered by the FGS at a particular time are advertised in the FGS website (<http://graduate.sjp.ac.lk>) and also in the printed/electronic/social media. The preferred method of submitting an application is the online method. In case there is a difficulty in completing online application successfully, it is allowed to submit the hardcopy of the application to the FGS office. In this context, the application form can be downloaded from the FGS website. The duly filled application form along with the required supporting documents and payment receipt of the application fee can be submitted to the office of the Faculty of Graduate Studies of the University. Payment slip can be downloaded from the FGS website and the payment can be made through any branch of the Peoples Bank to the relevant account stated in the advertisement / website.

### ***Application Package***

Along with the duly filled application, the following supporting documents need to be either uploaded (in case of online applications) or submitted with the application (in case of hard copy submissions). In case of online applications, these documents need to be scanned and uploaded. Payment of the application fee can be done either with credit card using the PayPal system or uploading the payment receipt. If the application is manually submitted to the FGS office, payment need to be made to any branch of the Peoples Bank to the relevant account and payment slip attached.

### ***Supporting documents for courses by teaching / teaching and research***

- Duly filled application
- Copies of relevant academic/professional qualifications including detailed certificates
- Copy of the certificate of birth
- Names and addresses of two referees, preferably one of them a teacher in the university/institution where first degree/qualification was obtained (the reference letters need to reach the Deputy Registrar / FGS directly from the referees to proceed with the application).
- Evidence of the payment of the application processing fee

### ***Postgraduate Research Degree Programs – MA-R, MPhil and PhD***

Applications are entertained from prospective students throughout the year. In addition to the supporting documents stipulated above, applicant is required to submit a concept paper / research proposal written in an area in which applicant wishes to pursue the degree. The concept paper / research proposal should provide the details including the tentative title, background and justification, research question/s and objectives, review of most relevant literature, methodology to be adopted including data collection, proposed statistical analysis of data and interpretations and references. The format for the concept paper / research proposal is shown in Annexure 2. In addition to this the applicant is encouraged to include other relevant information as applicable i.e. publications, articles written which are most current and relevant to the proposed program of study.

#### ***Types of Degrees offered***

The types of degrees offered by the FGS and their duration is shown in following Table.

Degree	Type	Duration (Yrs)	Maximum allowable Extension (Yrs)
PG Diploma	Full time	01	Up to 3
Master Degree (1 year)	Full time	01	Up to 3
Master Degree (2 years) MA / MSc / MBA	Full time	02	Up to 5
MA-R / MPhil	Full time	02	Up to 5
	Part time	03	Up to 7
PhD	Full time	03	Up to 6
	Part time	05	Up to 8

### **2.3 Classification of students**

This student category is mostly applicable to the research degree programs.

#### ***Full-time and Part-time students***

A student may register for a degree program either as a full time or a part time student.

**A full-time student** shall be a person duly registered for an MA- R / MPhil / PhD degree program who is engaged in research or related activities in the place of registration during the normal working hours of the week for the entire duration of the study.

**A part-time student** shall be a person duly registered for an MA- R / MPhil / PhD degree program who in general is not able to devote time during the weekdays to the research work in the place of registration but use flexible times for the research work during the study period.

If a student wishes to change the type of registration, the student may submit a letter of request to the Dean/FGS through supervisor/s, Head of the Department (where applicable) and Chairperson of relevant BOS. However, the decision over the proposed change shall become effective subject to the recommendations of the BOS, FGS and the approval of the University Senate.

Employed applicants who desire to pursue full time study should submit a letter of confirmation from their employers indicating the nature of leave they had been granted.

## 2.4 Processing of applications

### *Taught courses and courses with teaching and research components*

Screening of applications will be done initially by the FGS and then forwarded to the relevant BOS for selection. The selection shall be based on academic merit. With regards to certain MA / MSc / MBA courses with course work and research component, the BOS will hold interviews / entrance exams as appropriate for the selection of candidates. The list of selected candidates will be submitted to the University Senate with the recommendation of the BOS and Faculty Board of FGS. Once the selected list of candidates had been recommended by the Faculty Board of FGS, the Deputy Registrar of FGS will inform the students to register subjected to the approval of the University Senate.

### *Research Degrees*

With regards to the applications for research degrees, the BOS will send the concept paper/research proposal submitted by the applicant to two evaluators who are experts in the relevant field. A payment is entitled to the evaluators for the evaluation reports which are submitted within a period of three weeks. The maximum period allowed for completing an evaluation is one month. Final decision will be taken based on the reports of both evaluators. If an evaluation report gets delayed more than one month or the evaluations are contrasting, the proposal will be sent to a third evaluator. Once the evaluations are received, the BOS will either take the decision to proceed with the recommendation for registration or request the applicant to make a presentation to the BOS to finalize the decision on the registration.

In case of research where human or / and animal subjects are involved, approval from the Ethical Review Committee (ERC) of the Faculty of Graduate Studies or Ethical Review Committee of the Faculty of Medical Sciences needs to be obtained. The submission of the

proposal for ethical clearance will be decided by the BOS. The registration date will be adjusted to the closest date after receiving the ethical clearance.

## 2.5 Appointment of supervisor/s

With regards to research degrees, in cases where supervisor/s had not been included in the application, the BOS will assign suitable supervisor/s according to the nature of the study. It is mandatory that one supervisor should be a specialist in the major discipline of the proposed research. There should be one internal supervisor from the institution in which the student is registered with. The principal supervisor should have a higher postgraduate degree or equivalent to the one he/she intends to supervise. A proper justification should be furnished by the internal supervisor to the chair of the BOS for the external supervisors without postgraduate degrees but with sufficient years of experience. When the internal supervisor is unavailable for a period of more than three consecutive months, the BOS shall take action to appoint an alternative internal supervisor to supervise the research work until the internal supervisor returns. It is the responsibility of the relevant BOS to ensure a quality research output through high quality supervision. The BOS reserves the right to ensure suitable allocations of supervisors for the students. A guide to the roles of Principal and Co-supervisors is shown in Annexure 5.

## 2.6 Registration procedure

### *New Registrations*

Once the recommendation from the BOS and FGS is obtained for an application, the candidates will be requested by the Deputy Registrar of FGS to register for the first academic year to follow the relevant program of study subject to the approval of the University Senate. At the registration, students are required to complete the enrolment form and submit it together with the certified copies of the academic/professional qualifications and receipt of payment of the fees. The current fees for respective programs are listed in the website of the Faculty of Graduate Studies. The registration will be done by FGS.

In case of research degrees, the registration is done quarterly with effect from the first day of the subsequent quarter of the year which may fall on 1st January, 1st April, 1st July or 1st October. The date of registration will be the closest date to the subsequent quarter of the year as shown above. The date of registration varies with the situations as shown below;

For research proposals with minor/moderate revisions from the evaluators – the date of the submission of the proposal adjusted to the closest date of the year

For proposals with major revisions/resubmissions from the evaluators – the date of the resubmitted proposal adjusted to the closest date of the year

However, in case where ethical clearance is required the registration date will be the closest date of the year after the ethical clearance is received.

### ***Continuation of the Registration***

For courses with teaching only or teaching with a research component, the student is required to complete all the requirements pertaining to the degree within the stipulated minimum time period (Refer “Types of Degrees offered” in page 20). In case the student is not able to complete all the requirements within this period, he/she is required to submit a justification for the extension through the course coordinator and / or Head of the Department to the BOS, to the FGS and to the Senate for the approval. Once the approval is received, the student is required to pay the registration fee for the extended year.

In case of research degrees, it shall be obligatory for each student to renew the registration every year until the completion of the program of study. The student should request for the renewal of the registration from the Dean of the FGS through the supervisor, Head of the Department (where appropriate) with the recommendation of the Chairperson of respective BOS. Decision for the continuation of registration will be taken by University Senate on the recommendation of the BOS and Faculty Board of FGS.

Extensions requested beyond the maximum allowable period will be granted for a maximum of six months if the student submits proof through his/her supervisor that he/she is in the thesis writing stage.

For extensions requested, the following payments will be effected;

one year - annual fee

six months - 50% of the annual fee

three months or less - 25% of the annual fee

### ***Withdrawal from a programme***

A postgraduate student wishing to withdraw from a program which he/she has been registered should submit a formal letter of request to the Dean of the FGS through Course Coordinator (in the case of a taught program) or Supervisor (in the case of research degrees) with the recommendation of the Chairperson of respective BOS. If the student withdraws registration within two weeks of registration, 90% fee will be refunded and balance will be retained. Refunds are not allowed beyond this period.

### ***Re-admission***

An MPhil/PhD student who fails to continue registration shall be deemed to have withdrawn from the selected program of study. A student wishing to re-enter to the



program, should apply for readmission as per the regulations in force at the time. The procedure for readmission shall be the same as for initial registration, including the payment of all prescribed fees.

### ***Amendments to registration***

A student who wishes to make amendments to registration with regard to personal information, project title etc. could do so by submitting a formal letter of request to the Deputy Registrar / FGS.

### ***Postponement of registration***

A student who desires to postpone registration for a particular program could do so by submitting a formal letter of request to the Dean of FGS through Course Coordinator (in the case of a taught program) or Supervisor/s (in the case of research degrees) with the recommendation of the Chairperson of respective BOS. In the event of the postponement of registration, necessary payments need to be made.

### ***Cancellation of registration***

A registration of a student may be cancelled by the FGS on the recommendation of the relevant BOS due to the following reasons,

- a) exceeding the maximum duration allowed for the degree
- b) non-payment of annual fees
- c) failure to submit progress reports
- d) non-adherence to rules and regulations of the FGS
- e) unsatisfactory academic progress
- f) any other reasons as decided by the FGS.

### ***Concurrent Registration***

A student who is registered for a postgraduate degree program in the FGS or any other institution is not permitted to register concurrently for another degree program in the FGS.

### ***Leave of absence / Interruption of the studies***

Any student whose studies are to be interrupted due to unavoidable circumstances, should submit a letter of request to the Dean of FGS through Course Coordinator (in the case of a taught program) or Supervisor/s (in the case of research degrees) with the recommendation of the Chairperson of respective BOS. Where interruption of the studies is due to health or other compassionate reasons, documentary evidence such as a medical certificate/s should be attached to the written request.

The student should pay the annual registration fee for the period of the absence. If the student fails to pay the annual registration fee, the registration will be cancelled. If a

student needs to go abroad for a personal reason during the study period, which is not connected to the research, he/she needs to get written permission from University Senate by submitting a formal letter of request to the Dean of FGS through Supervisor/s with the recommendation of the Chairperson of respective BOS before leaving the country. If the requested period of leave is approved, the time spent outside the research will not be counted to the study period provided he/she pays the registration fee. Similar consideration will be done for maternity leave too and the period for leave of absence is maximum of four months. Any other requests will only be considered on case by case basis.

*Note: with regards to the courses offered by relevant departments, it is advised to channel the student requests in connection with the registration etc. through the Head of the relevant Department too. This is also applicable to the research degrees. However, in the case of courses offered by Faculties, the inclusion of the Head of the Department is not necessary.*

## 2.7 Courses for Research Degrees

### **Certificate course on Research Methodology & Scientific Writing**

Students who register for the research degrees (MA-R, MPhil and PhD) should follow a 30 hours mandatory course on 'Research Methodology & Scientific Writing' offered by the FGS. This course is free for the students registered for research degrees in the University of Sri Jayewardenepura. It is also open for interested others for a fee. The details of the Course is shown in Annexure 6.

### **Graduate Skills Enhancement Program**

Under this program in addition to the Course on Research Methodology and Scientific Writing, other suitable skills enhancement programs offered by the FGS i.e. Experimental Design and Analysis of Data', 'How to Improve Presentation Skills' is also expected to be followed. These courses are free for the students registered for research degrees in the University of Sri Jayewardenepura. It is also open for interested others for a fee.

## 2.8 Procedure for progress review

Students should submit progress reports for every six month period except during the period of thesis writing. The format for the progress report is shown in Annexure 3. The reports should be forwarded to Chairperson of the relevant BOS through the Supervisor/s, relevant Head of the Department/institution (where appropriate). Non-submission of two consecutive progress reports within the stipulated time may lead to the cancellation of registration of the candidate.

The relevant BOS will send these progress reports along with the original proposal to two relevant experts for evaluation and the time period allowed for evaluations is three

weeks and a financial intensive will be attached to this. The maximum allowable period for this task is one month. It is advisable to send the progress reports to the evaluators who evaluated the original research proposal/concept paper if possible for the sake of continuity. On receiving the recommendations of the evaluators, the respective BOS will forward the recommendation to the University Senate through the Faculty Board of FGS.

In addition to this, students are required to present their progress at the Research Forums organized by BOS twice a year to a wider audience. Continuation of registration will be recommended by the BOS only after the receipt of the evaluated progress reports.

At the Research Forum, the candidates are required to make presentations to an audience of the formal evaluators of the progress reports and relevant personnel from academia and industry. These Forums are intended to provide constructive comments on the progress and directives for future work. These ideas/views/suggestions will then be provided to the student and supervisors by the FGS with the concurrence of the Chairperson of the BOS. Supervisors are expected to provide guidance to the student to incorporate the suggestions appropriately and the BOS will assess this at the next review of the progress. For the PhD Degrees offered by the BOS in Management where the students follow course work during the first year, the research presentations will be conducted from the second year.

## 2.9 Upgrading procedures (MA-R, MPhil to PhD)

Upon receipt of the request from candidate through Supervisor, Head of the Department to the relevant BOS, the upgrading process will commence if the basic qualifications are satisfied. The upgrading will only be considered after a minimum period of one year of the registration in which the student had proven adequate research competencies by way of progress reports/progress presentations and recommendations by the Supervisor/s and Head of the Department (where appropriate).

Student should provide following documents for the upgrading process.

- Proposal indicating new changes for the MPhil/PhD with justification
- Any anticipated change to the tentative title
- Any additional supervisors suggested
- Scheduled program with timeframe. Need to describe what chapters already drafted and what chapters have to be completed
- Evidence for submission of progress reports
- Evidence of supervision using the Student Log Book provided to the students at the time of registration
- letter/s of recommendation from the supervisor/s
- Availability of leave (a letter of approval certified by the employer should be provided by the full time students who are employed)
- Proof of the availability of funds for the proposed research work

- Any other evidence deemed necessary i.e. copies of research papers in journals, abstracts etc.

Supervisor need to provide recommendation on;

- Appropriateness of upgrading the research
- Student's potential to continue the ongoing study and to secure the proposed Degree
- Availability of facilities for the proposed research work

The BOS will appoint the following Panel for the purpose of upgrading;

- The Chairperson of the Board
- An expert from outside the University nominated by the BOS preferably one of whom reviewed the concept note/research proposal submitted for the MA-R/ MPhil
- Two internal members of the relevant field
- All supervisors

An upgrading interview by the above panel will be conducted and the student will be instructed to make a presentation of 20 minutes followed by 10 minutes question & answer session. Future research plan and the availability of finances should be clearly explained during the presentation.

The examiners will evaluate the student's potential for upgrading the proposal based on the written submissions, presentation and the follow up discussion. The examiners will then provide a report to the Chairperson of the BOS who will discuss this at the BOS and provide the recommendation to the University Senate through the Faculty Board of FGS.

The date registration of the upgraded degree will be the same as the degree he/she initially applied for.

## **2.10 Submission of the thesis**

As a general rule, research work should be student's own work. If the thesis contains copies fully or partly from any other work or publication without giving the source or credits to the original author/s, the FGS will consider it as plagiarized work and the student will be formally reprimanded. This will be according to the Plagiarism Policy and Regulations of the University and will be imposed by the Examination Offence Investigation Committee of the University.

Any student who is planning to submit the thesis at the scheduled time should notify FGS in writing, three months prior to submission using the format given in Annexure 8. The format for the preparation of the thesis is shown in Annexure 7. The final page of the thesis should provide details of the practical implications and recommendations for

implementation of research findings as shown in Annexure 9. Student should submit four copies of temporary bound thesis duly signed by the student & supervisors to the FGS on stipulated time. Student is expected to provide a plagiarism inspection report as shown in Annexure 10 along with the thesis at the time of submission. In case of studies which needs ethical clearance, the ethical approval form should be annexed to the thesis as shown in Annexure 11.

The following table shows the maximum word limits for the theses in any discipline. The word limits stipulated therein includes footnotes but excludes the table of contents, tabulated data, diagrams, any appendices and the bibliography.

	Masters	MPhil	PhD
Maximum Word limit	50,000	50,000	100,000

Any exceptions to the above will be considered & approved by the BOS case by case with the approval of the FGS. An electronic version of the thesis should also be submitted along with the printed copies.

If the student provides evidence certified by the supervisor that the student is in the process of writing the thesis and has already exceeded the maximum allowed time limit, then additional time up to a maximum of six months will be given for the completion. The payment for three months and six months of additional time period will be 25% and 50% of the course fee for the year respectively.

## 2.11 References

References need to be organized according to the style of either The American Psychological Association (APA) / Harvard / Vancouver. See the Annexure 12 for examples on referencing systems. Latest versions in all above need to be used.

## 2.12 Examinations and evaluation procedures

### *Taught Courses, Degrees with taught components*

The evaluation of each postgraduate course shall be based on within course and end of course examinations and assignments. The weightage of marks or the evaluation of the research work will be based on the criteria given under each program. The pass mark for each course unit is 50 or B- while the overall Grade Point Average (GPA) will be 2.7.

### ***Grade Points and Grade Point Average (GPA)***

The Grade Point Average (GPA) is a numerical representation of a student's overall academic achievement. The GPA is the quotient obtained by dividing the total number of grade points earned by the total number of credit hours in which a student receives a 'letter' grade.

The Grade Point Average (GPA) will be computed using the grades earned for core courses and optional courses taken for credit.

On the completion of the end of course examination the examiner is required to hand over the grades of the course to the relevant Course Coordinator.

#### ***The Grading System:***

Range of Marks	Letter Grade	Grade Points Per Credit Hour
85 - 100	A+	4.00
70 - 84	A	4.00
65 - 69	A-	3.70
60 - 64	B+	3.30
55 - 59	B	3.00
50 - 54	B-	2.70
45 - 49	C+	2.30
40 - 44	C	2.00
35 - 39	C-	1.70
30 - 34	D+	1.30
25 - 29	D	1.00
00 - 24	F	0.00

#### ***Calculation of the Grade Point Average***

Grades obtained by each candidate at course unit examinations are evaluated according to the equation given below; Decimals beyond two places are truncated, not rounded, in computing the grade point average.

$$\text{GPA} = \frac{\text{Total number of Grade Point Value Earned}}{\text{Total number of Credit Hours}} = \frac{\sum_{i=1}^N (\text{Credit Hours})_i \times (\text{Grade Point})_i}{\sum_{i=1}^N (\text{Credit Hours})_i}$$

where, i = course number & N = total number of courses considered

The maximum possible GPA is 4.00 while the minimum is 0.

### ***Credit Units***

One credit unit is equivalent of 15 hours of lectures or 30 hours of practical work. Pass mark for a credit course is 50 or B-. In the SLQF system, one credit is considered 50 notional learning hours for a taught course or field studies/clinical work. In case of industrial training including time allocated for assessment and in case of research, including time allocated for literature survey, one credit is considered equivalent to a minimum of 100 notional hours.

### ***Repeating the Course Units***

If a student fails a course or wishes to improve previous grade in a course, the student is permitted to repeat the course at the next opportunity. If the student is repeating course unit/s within the study program period, it will be free of charge. However, the student should pay an examination fee if the student wishes to repeat course unit/s after the period of program of study. In such cases, the student is required to hand over the duly completed and signed application form for the registration of examination for repeat course unit/s along with the receipt of payment (if applicable) to the Deputy Registrar of the FGS. The application form of the registration of examination can be downloaded from the FGS website. A photocopy of the approved form will be issued to the student to produce at the examination as an admission document.

- *A candidate who repeats a course unit shall be given maximum of 50 marks for the repeat course.*
- *A candidate who is unable to complete a subject/course unit due to a medical reason has to make a written request together with the accepted medical certificate to the course coordinator and complete the subject with the next immediate batch with all privileges upon the approval of the Board of Study.*
- *A candidate shall be permitted to repeat a subject/course unit only three times. A separate repeat examination will not be held under any circumstance and repeat students are expected to sit for repeat subjects with the next batch and should pass the course/ subject within three consecutive batches. If the student obtains a lower grade at a repeat attempt than a grade received in earlier attempts, the better shall be retained.*

### ***Valid Reasons for Absence from an Examination***

Excuses will be granted only for serious ill health, death of immediate family member, or any other cause acceptable to the BOS and will be forwarded to the University Senate for approval via BOS and Faculty Board of FGS. A candidate who was absent due to medical reasons shall submit a valid medical certificate issued by Medical Officer in Charge of the government hospital of the residential area of the student to the University Medical Officer as early as possible. Those who obtained treatment from private practitioners, Western, Ayurveda or Homeopathy should submit these medical certificates during the

period of the sickness to the University Medical Officer for approval.

Medical leave recommended by the University Medical Officer should be submitted to the Deputy Registrar / FGS within 14 days of conclusion of the examination.

## 2.13 Research degrees

### *Appointment of Examiners for Viva Voce examinations*

Names of four examiners will be proposed by the supervisor along with their CV's to the respective BOS. The proposed examiners should possess the qualifications equivalent to or higher than the degree the student has been registered. The examiner should have at least five years of research experience after obtaining their postgraduate qualifications. The nominated examiners should not be from the University where student has been registered or working in or supervisors of any previous degrees. One of the examiners can be an international expert nominated by the supervisors. The BOS will review CV's of the experts and select two out of the four nominated examiners.

The names of the four examiners will be submitted to the University Senate via Faculty Board of FGS for approval. Out of these two will be priority and the balance two will be as a buffer. If the examiners are outside the university system, their CV's should accompany this request. The payment to the examiner will be borne by the FGS. The payment will be made according to the rates given in the relevant UGC circular.

The thesis will be send to two examiners given in the priority order from the BOS and will be given three months to complete their review/examinations of thesis and send comments/observation to the Deputy Registrar of FGS. If any examiner is unable to attend the task within the stipulated time, it should be informed to FGS as soon as possible for alternative arrangements. In such a case the thesis will be sent to the examiners in the buffer. The criteria for the evaluation of the thesis is shown in Annexure 13.

In order to face a Viva Voce, MPhil students need to provide proof of one peer reviewed journal article (or acceptance) while PhD students need to provide two such journal articles or proof of acceptance.

A viva voce examination panel consists of Dean of FGS & the two examiners. Deputy Registrar of FGS will serve as the secretary of this panel. At the Viva Voce examination the student is required to make a presentation on his/her thesis in 20 minutes. If any examiner who can't be present at the examination could involve in the examination by other available means (i.e. skype). Supervisors, Head of the Department and Chairperson of the BOS will be invited to participate as observers. Interested other persons can be allowed to listen to the presentation with the discretion of the chair of the panel, however they are not allowed to be present during the Viva Voce examination. The evaluation criteria for the viva is shown in Annexure 14. The results of the evaluation



of the thesis and the performance at the Viva Voce examination are considered by the examination panel for the final decision.

The decision can be one of the following;

- *No Corrections (can be accepted as it is)*
- *Minor Corrections (submit within 3 months)*
- *Moderate Corrections (submit after 3 months and within 6 months)*
- *Major Corrections/Resubmission (submit within 12 months or more)*
- *Reject / Fail*

The comments by the examiners and the Chair will be provided to the student for correction. The student is expected to submit the corrected thesis along with a separate report stating the examiners' comments and corrections made by the student. The format of the report is shown in Annexure 15. The corrected thesis needs to be submitted through the supervisor. The student may submit a draft to FGS with the completed corrections along with a soft copy within the stipulated time period. The FGS will check the completion of the corrections proposed by the examiners and the Chair before acceptance. If the corrections are not in accordance with the comments the thesis will be returned. Once all the corrections are properly addressed and confirmed the student will be requested to submit four hard bound copies and an electronic version at the time of final submission. The final page of the thesis needs to be the practical implications, recommendations for implementation of the research findings as per the format in Annexure 9 of this Handbook.

Theses which were submitted after due date will be rejected.

## **2.14 Effective date of the degree**

### ***Taught course / Courses with teaching and research***

The effective date of the taught programs is the date following the last examination. When the project reports or theses need to be submitted as partial requirement for the diploma/degree, the effective date is the date on which the project report/thesis is submitted.

- *In the case of a Research Report with major corrections, the effective date shall be the date of submission of the revised report subject to the acceptance of the panel of examiners.*
- *A candidate who takes a repeat examination subsequent to submitting of the research report, the effective date of the diploma/degree shall be the first day of the month following the final repeat examination.*

### ***Research Degrees***

For no corrections, minor and moderate corrections, the effective date of acceptance is the same as the date of submission. For major corrections / resubmissions it is the date on which the revised thesis is accepted as correct.

### ***Release of Final Results***

The FGS will call a meeting of the Results Board to consider the award of the degree to the candidate. The Results Board will release the final results subject to the confirmation by the University Senate.

#### *Constitution of the Results Board:*

1. Vice Chancellor (Chairperson)
2. Dean/FGS
3. Deputy Registrar/FGS
4. Chairpersons of the relevant BOS
5. Relevant Head/s of the Department/s
6. Examiners
7. Supervisors
8. Co-ordinator/s

## **2.15 Transcript**

A duly certified transcript of a candidate's academic record will be issued on receipt of an application with the prescribed fee once the results had been approved by the University Senate.

## **2.16 Publication of thesis**

The ownership of the thesis will be vested with the University. Once accepted, the thesis will be published in the websites of the University library and FGS. In the instances where the authors need to apply for patents, a formal requests can be made to the FGS to delay the publication for stipulated time period and FGS may honor these requests. The FGS has established a formal channel for publishing of relevant research done under all the BOSs.





**3**

**POSTGRADUATE  
DEGREE PROGRAMS**







**3.1**

# COURSES OFFERED BY **BOARD OF STUDIES IN HUMANITIES**



# 3.1.1 Postgraduate Diploma Programs

## 3.1.1.1 Postgraduate Diploma in Drama and Theatre

This course is designed to provide both theoretical knowledge and practical skills in drama and theatre education for practitioners as well as academician. The modules in the course explore the role of drama and theatre for encouraging creative learning, role of story in drama & theatre education and drama & literacy. It is expected through this course to establish the subject in the contemporary society while inculcating positive attitudes in individuals.

### Objective/ Graduate Profile

The postgraduate students who successfully complete this course will be able to;

- *Merge professional quality courses in the history of drama with performance-oriented courses in arts and theatre.*
- *Conduct academic research through practical experimentation, such as the investigation of processes of theatre making or the practical application of particular aesthetic theories.*
- *Specialize in a particular area of practice (dramaturgy, playwriting, or performance which includes directing) which prepares them for a chosen profession.*
- *Acquire professional and theoretical knowledge to the teachers who teach the subject as well as students*
- *Use theoretical knowledge on the subject in the performing arts for artists*

### Professional and Employment Opportunities

Opportunities as script writers, directors or producers of literary artwork either individually or for media organizations. Can also be a teacher, lecturer in fine arts, direct cultural groups. Openings are available in International organizations/ International Non-Governmental Organisations (INGOs) as cultural officers.

### Admission Requirements

To be eligible for admission to this program an applicant must possess one of the following qualifications;

- a. A Bachelor's Degree with at least 30 credits worth of teaching/learning in Fine

Arts, Performing Arts from a recognized university

- b. A Bachelor's Degree in any stream obtained from a recognized Sri Lankan or foreign university with two years' experience in the field of Drama and Theatre
- c. Completion of NVQ level 7 (B. Tech.) as determined by the University

**Course Duration:** One year

**Medium of Instruction:** Sinhalese and English

### Course Description

Course Code	Course Title	Lecture / lab hours	Credit value
<b>Semester 1</b>			
PGD-DT- 101	Ancient Theatre Traditions of th world	45	3
PGD-DT- 102	European Drama & Theatre	45	3
PGD-DT- 103	Script-writing and Drama criticism	45	3
PGD-DT- 104	Drama and Allied arts	60	4
Sub Total			13
<b>Semester 2</b>			
PGD-DT- 105	Sri Lankan Theatre	45	03
PGD-DT- 106	Acting and Directing –Theory	30	02
PGD-DT- 107	Acting and Directing –Practical	30	02
PGD-DT- 108	Dramatic trends in the modern world	45	03
PGD-DT- 109	Independent Dissertation	30	02
<b>Total</b>			<b>25</b>

### Evaluation

Candidate's performance at each course unit is assessed and graded through theory examinations and continuous assessments during and at the end of each semester. The continuous assessments will be limited to a maximum of 20% of the total marks. The pass mark is 50% and candidate should pass all the course units including the independent dissertation.

### Repeating the course units

A candidate who is unable to sit for the course unit examination can repeat the examination. Except for medical reasons the maximum mark that can be obtained is 50%. For further details please refer paragraph under "Repeating the course units" in page 29.

### Awarding the Post Graduate Diploma

Candidate should pass all the courses and should possess a minimum GPA of 2.7 for a



total of at least 25 credits worth courses. A merit pass will be given if the overall average marks exceed 70%.

### **Payment Plan**

The full amount of the course fee should be paid at the time of registration.

### **3.1.1.2 Postgraduate Diploma in Writership and Communication**

The Course covers all aspects of Communication Journalism, Radio Broadcasting, Television Broadcasting, Translation, Editing and Publishing etc. in addition to different aspects of writing.

This course provides an excellent opportunity to graduates to receive intensive writership and communication through judicious exposure to various subjects such as the Constitution, Politics, Philosophy, Sociology, Arts and Crafts of Newspaper and Magazine Journalism, Feature Writing and Language Skills, Mass Media and Society, Advertising and Public Relations, Broadcast Journalism, Reporting, Editing, Radio and Television Production, Cultural and other contemporary trends in Journalism, Media Analysis & Research Methodology.

### **Objectives/ Graduate Profile**

The postgraduate student who completes the degree will be able to;

- *Acquire a good command of the language, its correct usage and an orientation towards the critical appreciation of Art*
- *Acquire a sound knowledge in theory and practical aspects of communication*

### **Professional and Employment Opportunities**

Opportunities may be available to function as a professional journalists/editor, communication experts/coordinators in the electronic or printed media field in the Government sector. Openings in the foreign service may also be available.

### **Admission Requirements**

To be eligible for admission to this program, an applicant must possess one of the following qualifications;

- a. A Bachelor's Degree with at least 30 credits worth of teaching/learning in creative writing, translation, journalism or associated with radio/television
- b. A Bachelor's Degree with at least two years' experience in creative writing, journalism, radio broadcasting, television broadcasting and translation.
- c. Completion of NVQ level 7 (B. Tech.) as determined by the University

**Course Duration:** One year

**Medium of Instruction:** English

### Course Description

Course Code	Course Title	Lecture / lab hours	Credit value
<b>Part 1:A</b>			
LSPD 501	Language Proficiency and Semantics	45	3
LSPD 502	Criticism of Arts and Literary Theory	45	3
LSPD 503	Form of Fiction	45	3
LSPD 504	Institutional Communication	45	3
LSPD 505	Communication and Society	45	3
LSPD 506	Print Media Communication, Editing and Publishing	45	3
Sub Total			18
<b>Part 1:B (Optional)</b>			
LSPD 601	Form of Poetry	22.5	1.5
LSPD 602	Forms of Drama and Musical Composition	22.5	1.5
LSPD 603	Proficiency in Classical Literature	22.5	1.5
LSPD 604	Translation: Methods, Theory and Application	22.5	1.5
LSPD 605	Electronic Communication 1: Television	22.5	1.5
LSPD 606	Electronic Communication 2: Radio Broadcasting	22.5	1.5
LSPD 607	Photography and Film Studies	22.5	1.5
LSPD 608	Effective Communication and Public Relations	22.5	1.5
Sub Total			12
<b>Part 2 (Compulsory)</b>			
LSPD 700A	Supervised independent dissertation*	45	03
<b>Total</b>			<b>33</b>

\*Under this category creative literary works such as novel, novella, collection of poetry, collection of short stories, original script of a drama, a work of translation, a collection of photographs also may be considered for the award of the above Diploma.

Subjects with the credits worth of 25 need to be selected from the above. The balance courses other than the compulsory category can be selected from the optional courses.

### Evaluation

Candidate's performance at each course unit is assessed and graded through theory examinations and continuous assessments during and at the end of the semester. Each course unit is consisted of a theory exam and continuous assessment.

The pass mark is 50% and the candidate should pass all the course units including the independent dissertation. A viva voce examination will be held for the dissertation for which candidate should obtain more than 50%. The final mark is calculated from the evaluation of the report and performance at the viva.

### **Repeating the course units**

A candidate who is unable to sit for the course unit examination can repeat the examination. Except for medical reasons the maximum mark that can be obtained is 50%. For further details please refer paragraph under “Repeating the course units” in page 29.

### **Awarding the Post Graduate Diploma**

Candidate should pass all the courses and should possess a minimum GPA of 2.7 for a total of at least 25 credits worth courses. A merit pass will be given if the overall average marks exceed 80%.

### **Payment Plan**

The full amount of the course fee should be paid at the time of registration.

## 3.1.2 Masters Degree Programs

### Three types of Masters Degrees are offered

- One year masters by coursework
- Two years masters with coursework and research
- Two years masters by research only

#### 3.1.2.1. One year Masters Degree by coursework

The One Year Masters Degrees by teaching are offered only on request of students. The courses offered by the Departments vary according to the demand. The admission requirement is a Degree from a recognized university with 30 credits or more of the relevant subject. The students need to complete 30 credits during the two semesters of the academic year. For those who wish to exit early after completing 25 or 20 credits will be awarded a Postgraduate Diploma or a Postgraduate Certificate respectively.

Semester	Component	Credits
<b>Semester I</b>	1. Course A	3
	2. Course B	3
	3. Course C	3
	4. Course D	3
	5. Course E	3
<b>Semester II</b>	6. Course F	3
	7. Course G	3
	8. Course H	3
	9. Course I	3
	10. Project report/dissertation not less than 7500 words	3

### Evaluation

The pass mark for the courses is 50%. Students should pass all the subjects and the Project. The minimum overall GPA to obtain the degree is 2.7.

## Payment Plan

The full amount of the course fee should be paid at the time of registration.

### 3.1.2.1.1 MA in Drama and Theatre

This course is designed to provide both theoretical knowledge and practical skills in drama and theatre education for practitioners as well as academician. It is expected to provide both professional and theoretical knowledge to the teachers who teach the subject and to the performing artists in the field of drama. It is expected to establish the subject in the contemporary society while inculcating positive attitudes in individuals.

The modules in the course explore the role of drama and theatre as a means of encouraging creative learning, role of story in drama and theatre education and drama and literacy. A supervised independent research project and associated dissertation are included as a mandatory requirement of the course.

## Objective/ Graduate Profile

The postgraduate student who completes the degree will be able to;

- *Merge professional-quality courses in the history of drama with performance-oriented courses in theatre arts.*
- *Conduct academic research through practical experimentation, such as the investigation of processes of theatre making or the practical application of particular aesthetic theories.*
- *Specialize in a particular area of practice (dramaturgy, playwriting or performance – which includes directing) which prepares them for a chosen profession.*
- *Gather knowledge and skills in both theoretical and practical aspects of the subject*

## Professional and Employment Opportunities

Able to be a freelance script writer, director or producer of literary artwork or resource person in media organizations. Can also be a teacher, lecturer in fine arts, direct cultural groups. Opportunities may be available in International organizations / International Non-Governmental Organisations (INGOs) as cultural officers.

## Admission Requirements

To be eligible for admission to this program an applicant must possess one of the following qualifications;

- a. A Bachelor's Degree with at least 30 credits worth of teaching/learning in Fine Arts, Performing Arts from a recognized university or
- b. A Bachelor's Degree in any stream obtained from a recognized Sri Lankan or foreign university with two years' experience in the field of Drama and Theatre
- c. Completion of NVQ level 7 (B. Tech.) as determined by the University

**Course Duration:** One year

**Medium of Instruction:** Sinhalese and English

### Course Description

Course Code	Course Title	Lecture/lab hours	Credit value
<b>Semester 1</b>			
MA-DT- 101	Ancient Theatre Traditions of the world	45	3
MA-DT- 102	European Drama & Theatre	45	3
MA-DT- 103	Script-writing and Drama criticism	45	3
MA-DT- 104	Drama and Allied arts	60	4
MA-DT- 105	Sri Lankan Folk Theatre	45	3
Sub Total			16
<b>Semester 2</b>			
MA-DT- 106	Dramatic trends in the modern world	45	3
MA-DT- 107	Modern Sri Lankan Theatre (1877 – 2000)	45	3
MA-DT- 108	Acting and Directing –Theory	45	3
MA-DT- 109	Acting and Directing –Practical	45	3
MA-DT- 110	Independent Dissertation	30	2
<b>Total</b>			<b>30</b>

### Evaluation

Candidate's performance at each course unit is assessed and graded through theory examinations and continuous assessments during and at the end of the semester. The continuous assessments is limited to a maximum of 20% of the total marks. The pass mark is 50% and candidate should pass all the course units including Independent Dissertation.

### Repeating the course units

A candidate who is unable to sit for course unit examination/fail the examination can repeat the examination. Except for medical reasons the maximum mark that can be obtained is 50%. For further details please refer paragraph under "Repeating the course units" in page 29.

### Awarding the Degree

Candidate should pass all the courses including the Independent Dissertation and should possess a minimum GPA of 2.7 for a total of at least 25 credits worth courses. A merit pass will be given if the overall average marks exceed 80%.

### Payment Plan

The full amount of the course fee should be paid at the time of registration.

### 3.1.2.2 Two year Masters Degree by Coursework and Research

Currently following course is offered under this category.

#### 3.1.2.2.1 MA in Teaching English as a Second Language (TESL)

This highly flexible program is designed for anyone interested in theoretical linguistics and its application in the domain of language teaching. Language teachers (as second or foreign languages) who wish to upgrade their professional status and those who are interested in applied linguistic research could get the benefit from this course. It is also extended to international students who are interested in foreign or second language teaching and/or scientific investigation into the field.

The program covers an overarching field that mediates between the theory of language and the practice of language learning and teaching. It sheds light on the complex tasks of teaching and learning of a second or foreign language. Key areas within the fields of theoretical linguistics and second language teaching including the structure of language, psycholinguistics and teaching methodology will be critically explored. Further, the program provides opportunities to explore recent research in the field and to find out more about specialist areas such as ESL/EFL materials development, curriculum designing and testing and evaluation in second language teaching. A distinctive feature of the program is its combination of modules that focus on language teaching which allows a broader focus on the linguistic, psychological and social factors of language teaching in an increasingly multilingual world.

#### Objectives/ Graduate Profile

The postgraduate student who completes the degree will be able to;

- *Master theoretical foundations and their significance in classroom teaching*
- *Able to incorporate various theoretical and practical approaches that impact upon the field of language teaching*
- *Critically evaluate research in the field and their application in the context of ESL/EFL materials development, curriculum designing, testing and evaluation in language teaching*
- *Conduct their own research in the area of ESL/EFL teaching with a view to enhancing the field of language teaching and learning*
- *Develop the skills related to pedagogical practice in contemporary educational systems ie. the use of new technologies in language teaching*
- *Demonstrate a capacity for creativity and originality*
- *Respect for the ethics of research and scholarly activity*

## Professional and Employment Opportunities

Since this course is mainly language teaching oriented, a graduate of MA in TESL has sufficient employment opportunities in both state and private sector educational institutions. These include government schools, private and international schools, teacher training colleges, colleges of education, The Ministry of Education, National Institute of Education and many other similar institutes. They can find employment as teachers, teaching assistants, project officers and in other similar capacities.

### Admission requirements

To be eligible for admission to this program an applicant must possess one of the following qualifications;

- A Bachelor's Degree including 30 credits in the relevant subject area \*
- A qualification of SLQF Level 6 (Bachelors Honors) or above in the relevant area\* of study
- A professional qualification equivalent to SLQF Level 6 or above
- Completion of NVQ level 7 (B. Tech.) with a minimum of GPA of 3.0

*\* to be defined by the respective course/department/BOS*

**Course Duration:** Two years

**Medium of Instruction:** English

### Course Description

Academic year	Module/Subject Area	Credits	Notional Hours	Contact Hours
First year Course Units	TESL 1001: Introduction to Linguistics and Teaching English as a Second Language	2	100	30
	TESL 1002: Structure of English: Phonetics & Phonology	3	150	45
	TESL 1003: Structure of English: Morphology, Syntax & Semantics	3	150	45
	TESL 1004: Theoretical Foundations of Psycholinguistics	4	200	60
	TESL 1005: Approaches and Methods in Language Teaching	4	200	60
	TESL 1006: Curriculum Design and Material Development	3	150	45
	TESL 1007: Testing, Evaluation and Assessment	3	150	45



	TESL 1008: Sociolinguistics and Discourse Analysis in Language Teaching	3	150	45
	Total Credits for Year 1 (Exit Level Post Graduate Diploma)	25	1250	375
<b>Second year Course Units</b>	TESL 2001: Research Methodology	10	1000	75
	TESL 2002: Writing Research Proposals	5	500	60
	TESL 2010: Thesis	20	2000	
	Total Credits for Year 2	35	3500	
<b>Total credits for the MA</b>		<b>60</b>		

## Evaluation

Candidate's performance at each course unit is assessed and graded by theory examinations and continuous assessments during and at the end of the semester. Each course unit will have a theory exam and continuous assessment. The pass mark is 50% and candidate should pass all the course units including the thesis.

## Repeating the course units

A candidate who is unable to sit for course unit examination can repeat the examination. Except for medical reasons the maximum mark that can be obtained is 50%. For further details please refer paragraph under "Repeating the course units" in page 29.

## Awarding the Degree

In order to qualify for the Degree, the candidate should pass in all the course units including the project work/creative work and obtain a pass mark 50% or B-. The overall GPA needs to be 2.7. A merit pass is obtained for courses which records >80%. The Thesis will be evaluated and for those having 50% or more marks will have viva voce examinations. For those who wish to withdraw from their second year studies, but have acquired the required credits, will be awarded the Postgraduate Diploma in TESL (SLQF 8).

## Payment Plan

The student needs to pay 60% of the course fee at the time of registration and the balance within six months of registration. Those who wish to exit at the Diploma Level should pay the full fee at the time of registration.

### 3.1.2.3. Two years Masters Degree by Research (MA-R)

Two year Masters Degrees by research are offered in a multitude of subject areas including Sinhala, Mass Communication, Cultural Studies, Sanskrit, Buddhist Civilization, Buddhist Philosophy, Pali, English, Hindi, Philosophy, Psychology, Dance, Music (Eastern), Western Music (Ethnomusicology), English Literature, Linguistics and Teaching English as a Second language and Drama and Theatre. It is compulsory for all students to follow a 30 hour course unit on ‘Research Methodology and Scientific Writing’ offered by the Faculty of Graduate Studies before formulating the research proposal and proceeding with the research. The students are expected to have at least 80% attendance for the “Research Methodology and Scientific Writing” course.

#### Admission Requirements

To be eligible for admission to this program an applicant must possess one of the following qualifications;

- a. A Bachelor’s Honors Degree of Level 6 with a minimum of 30 credits in the relevant field
- b. A Bachelor’s Honors Degree of Level 6 with a minimum of 30 credits in a related field and a successful completion of a qualifying examination
- c. A Bachelor’s Degree of level 5 with a minimum GPA of 3 and successful completion of a qualifying examination which will be conducted after completion of 30 credits equivalent to SLQF 6 in the same or related field
- d. A Bachelor’s Degree of level 5 with a minimum of 3 years experience in the relevant field
- e. One year MA by teaching and research from a recognized university
- f. Completion of NVQ Level 7 with a minimum GPA of 3.0 and successful completion of a qualifying examination which will be conducted after completion of 30 credits equivalent to SLQF Level 6 or 7 as determined by the University.

**Course Duration:** Two years

**Medium of Study:** Sinhala/ English

#### Evaluation

The evaluation criteria for the Degree is similar to that for higher research degrees as shown in Section 2.13 of the Handbook (page 30).

#### Payment Plan

At the time of the registration the student needs to pay the first year fee. Registration needs to be renewed each year with the due payment for each subsequent year.

## 3.1.3 MPhil and PhD

The above research degrees are offered in a variety of subject areas *i.e.* Sinhala, Mass Communication, Cultural Studies, Sanskrit, Buddhist Civilization, Buddhist Philosophy, Pali, English, Hindi, Philosophy, Psychology, Dance, Music (Eastern), Western Music (Ethnomusicology), English Literature, Linguistics and Teaching English as a Second language and Drama & Theatre. The admission requirements, evaluation and other details are similar to the research degrees as outlined in Section 2 of this Handbook.

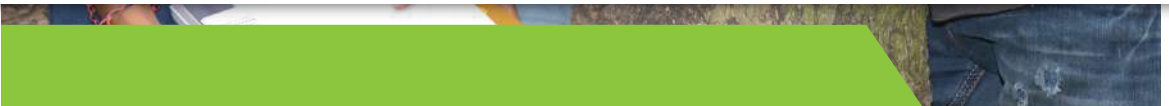
### Payment Plan

At the time of the registration the student needs to pay the registration fee of the first year. The registration needs to be renewed each year with the payment of due amount for the each subsequent year.



3.2

COURSES OFFERED BY  
**BOARD OF STUDIES IN  
LIFE SCIENCES**



## 3.2.1 Postgraduate Diploma/Masters Programs

The following programs are offered as two year Masters Degree programs. However, a Postgraduate Diploma option is included as an exit strategy in the event a student failed to continue for two years.

### 3.2.1.1. PGD/MSc in Forestry and Environmental Management

Forestry and Environmental Management Masters Degree aim to provide students with the appropriate specialize academic understanding and research exposure from which they can develop into effective professional foresters and environmental management specialists. The program focus on development of scientific, technical and management skills required for students to conduct themselves effectively as forestry professionals and environmental specialists. The course has been designed as per the modular basis.

#### Objectives /Graduate Profile

The postgraduate student who completes the degree will be able to;

- *Gain an understanding and knowledge of key areas fundamental to forestry including forest management and economics, silviculture, ecology, wood science, geospatial technologies, soil sciences, and forest engineering/operations, environmental science and natural resource management.*
- *Acquire skills and technical expertise to manage forests for a full range of uses*
- *Have the ability to apply knowledge effectively as a part of problem solving exercises*
- *Communicate effectively in both written and oral forms*
- *Operate effectively in a team by working co-operatively with others and where necessary the ability to lead teams*
- *Understand the role of professional foresters/environmentalists in the natural resource management sector*
- *Understand the responsibility of professional foresters/environmentalists to conduct themselves in an ethical manner*

- *Undertake independent research through the identification of an original topic, planning and conducting research, analysis of results and oral and written communication of the findings.*

## Professional and Employment Opportunities

Procurement of positions in United Nations agencies such as UNEP, UNESCAP, UNFCCC and other environment related secretariats and agencies. Openings as senior environmental managers in multinational and international enterprises as well as locally in environmental cells/units in State Ministries, Central Environmental Authority, Urban Development Authority and related institutions/organizations.

## Admission Requirements

To be eligible for admission to this program an applicant must possess one of the following qualifications;

- *BSc Degree (SLQF 5 or 6) in Biological or Physical Science, Forestry and Environmental Science, Geography, Geology, Agriculture, Civil or Chemical Engineering*
- *Four year Degree (SLQF 6) in Management, Social Science, Economics with at least 5 years of experience in the field of natural resources and environmental management*
- *Any other special qualification equivalent to a degree recognized by the University Grants Commission or considered appropriate by the University Senate with at least 7 years of experience in the field of natural resources and environmental management.*

### Course Duration:

PG Diploma – One year

M.Sc. Degree – Two years

**Medium of Instruction:** English

### Course Description

#### CORE COURSES

Code	Course unit	Lect Hrs	Lab Hrs	Field Days	Credit value	Program type
<b>Module 01: Foundation Courses</b>						
FEM 101 01	Earth science (Geology, Soil and Climatology)	15	06		1	M,D
FEM 102 01	Research methodology	15	04		1	M,D
FEM 103 01	Basics in management	15			1	M,D
FEM 104 01	Environmental chemistry	15	06		1	M,D

### Module 02: Forestry and Biodiversity

FEM 105 01	Tropical forest ecology	15		1	1	M,D
FEM 106 01	Silviculture and tree improvement	30		2	2	M,D
FEM 107 01	Forest mensuration and inventory	15	04	3	1	M,D
FEM 210 01	Tree diversity and systematics	15	04	2	1	M,D
FEM 211 02	Biodiversity conservation & wildlife management	30		3	2	M,D
FEM 212 01	Forest management	15		3	1	M,D
FEM 213 02	Wood science and forest industries	30	06	1	2	M,D
FEM 214 01	Ecotourism and eco business management	15			1	M
FEM 323 01	Social forestry and agro-forestry	15			1	M
FEM 324 01	Urban forestry & landscape management	15			1	M
FEM 325 01	Forest disease management and pest management	15	04		1	M

### Module 03: Natural Resource Management

FEM 108 01	Environmental and resource economics	15	03		1	M,D
FEM 215 01	Watershed and water resource management (27 <sup>th</sup> July onwards)	15		1	1	M,D
FEM 216 02	Surveying, remote sensing and GIS	30	10		2	M,D
FEM 217 01	Project formulation appraisal and management	15	05		1	M,D
FEM 218 01	Corporate environmental management (6 <sup>th</sup> June onwards)	15			1	M,D
FEM 219 01	Policy, law and administration	15			1	M,D
FEM 220 01	Environmental impact assessment	15			1	M,D
FEM 326 01	Urban and rural sociology	15			1	M
FEM 327 01	Land use planning and management	15			1	M
FEM 328 00	Global and national environmental trends	15			0	M

### MODULE 04: ENVIRONMENTAL MANAGEMENT

FEM 109 02	Wastewater treatment and air pollution control	30			2	M,D
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FEM 221 01	Solid waste management	15		2	1	M,D
FEM 222 01	Cleaner production and Green technologies	15		1	1	M,D
FEM 329 01	Disaster management	15		1	1	M
FEM 330 01	Strategic Environmental assessment	15			1	M
FEM 331 01	Environmental modeling	15	04		1	M
<b>Total (Core Courses)</b>		<b>525 (M)</b>	<b>52 (M)</b>	<b>16</b>	<b>35 (M)</b>	
		<b>375 (D)</b>	<b>48 (D)</b>		<b>26 (D)</b>	

### Assignments and Research Project

FEM 251 06	Seminar Presentations				6	M
FEM 251 02	Seminar Presentations				2	D
FEM 252 02	Case studies in Environmental and Forest Management				2	M
FEM 252 01	Case studies in Environmental and Forest Management				1	D
FEM 253 01	Management Plan				1	M,D
FEM 254 01	Field and Seminar Diary				1	M,D
FEM 455 15	Research Project				15	M
FEM 255 05	Research Project				5	D
<b>Total (Assignments and Research Project)</b>					<b>25 (M)</b>	<b>8 (D)</b>

M – Masters; D - Diploma

### Evaluation

The candidate's performance is assessed and graded through the end of term theory examinations, practical examinations, continuous assessments & oral examinations. The percentage of marks allocated for continuous assessment vary with the nature of the course unit. The pass mark for theory papers and continuous assessments including practicals is 50% (B-).

### Awarding the Degree/Diploma

In order to qualify for the Diploma, the candidate should pass course units worth 25 and obtain a pass mark 50% or B-. The overall GPA to award the degree is 2.7.

In order to qualify for the MSc the candidate should pass course units worth 60 and obtain a pass mark 50% or B-. For the research project a GP of 3 is required. The overall GPA to award the Degree is 3.



The candidates will be awarded a Postgraduate Diploma (PGDip) with Merit, if a candidate secures a GPA of 3.7 or above from the taught courses.

The candidates will be awarded a Master degree with Merit, if a candidate secures a GPA of 3.7 or above from taught courses and obtain a GPA of 4 (A grade) for the research project.

### **Payment Plan**

The student needs to pay 60% of the course fee at the time of registration and the balance within six months of registration.

### **3.2.1.2 PGD/MSc in Fisheries and Aquatic Resources Management**

The Master/Postgraduate Diploma in Fisheries and Aquatic Resources Management program is designed to meet the increasing need for highly skilled multidisciplinary managers, biologists or biologically literate mathematicians and statisticians to work in fisheries and aquatic resources management. The need for such multidisciplinary professionals is to integrate methods and information from other disciplines with their expertise in order to address the management challenges of the present day aquatic resources. The prospective candidates for this program will be managers, researchers, scientists and academics who are working in the fields of fisheries, marine biology, aquatic resources and their management in government, non-government and private sector institutions. This course is also suitable for graduates seeking entry to such disciplines.

### **Objectives/Graduate Profile**

The postgraduate student who completes the degree will be able to;

- *Procure core scientific, technical and interdisciplinary skills for key areas of sustainable aquatic resources management*
- *Procure transferable communication and interpersonal skills from practice in the design, execution and reporting of individual and team activities*
- *Gain an awareness of current and emerging environmental issues from a close interface through the course with outside scientists and organizations active in the aquatic resources management and research arenas*
- *Conduct extension work for the development and management of aquatic resources*
- *Design, policy development and decision making with the help of achieved information*
- *Able to communicate effectively in both written and oral forms*

## Professional and Employment Opportunities

Professionals with aquatic resource management skills are required for the development of Blue Economy in Sri Lanka and as well as global ocean based economies. The high demand in fisheries & aquatic plants sectors has opened up many new business as which will require the expertise.

## Admission Requirements

(This is common for both PG Diploma and Masters Degree)

To be eligible for admission to this program, an applicant must possess one of the following qualifications;

- *B.Sc. in Biological Sciences (Zoology, Botany, Forestry, Environmental Science, Microbiology, Marine Science, Fisheries Science, Agriculture).*
- *BVSc. (Veterinary Science), B.Sc. in Chemistry, Food Science, Physical Sciences, Geology, Geography or Oceanography.*
- *Any other degree with at least 3 years of experience in the field of fisheries or aquatic resources.*
- *Any other special qualifications considered appropriate by the University Senate equivalent to a degree recognized by the University Grant Commission with at least 5 years of experience in the fields of fisheries and aquatic resources.*

### Course Duration:

PG Diploma – one year

M.Sc Degree – Two years

**Medium of instruction:** English

### Course Description

#### Postgraduate Diploma:

Subject code	Subject	Lecture hours	Lab hours	Field days	Credit value	Course type*
<b>Module 1 - Introductory subjects in Aquatic Resources</b>						
FAR 1102	Marine Science (Oceanography)	30	10	1	2	C, D
FAR 1112	Freshwater Science (Limnology)	30	10	1	2	C, D
FAR 1121	Aquatic Toxicology & Water Quality Management	15			1	C, D

<b>Module 2 - Introductory subjects in Fish and Fisheries</b>						
FAR 1201	Fish Biology (Taxonomy & Ichthyology)	15	10		1	C, D
FAR 1211	Fish Physiology and Nutrition	15	10		1	C, D
<b>Module 3 – Modeling and Data Analysis</b>						
FAR 1301	Bio-Statistics & Data Analysis	15	10		1	C, D
<b>Module 4 – Aquaculture</b>						
FAR 1401	Principles in Aquaculture	15	10		1	C, D
FAR 1411	Aqua-feed Technology	15	5	1	1	E, D
FAR 1421	Fish Health Management	15	10	2	1	C, D
<b>Module 5 - Post Harvest Technology</b>						
FAR 1501	Post Harvest Technology	15		1	1	C, D
FAR 1511	Quality Assurance of Fishery Products	15		1	1	C,D
<b>Module 6 - Aquatic Resources Planning &amp; Management</b>						
FAR 1601	Resource Economics	15			1	E, D
FAR 1611	Coast Conservation & Management	15		1	1	E, D
FAR 1622	Inland Fisheries Management	30	10	1	2	C, D
FAR 1632	Capture Fisheries Management	30	10	1	2	C, D
<b>Total (Taught courses)</b>		<b>285 (450)</b>			<b>19 (18 min)</b>	
<i>Non taught component</i>						
FAR 1705	Laboratory and field work PGDip				5	C,D

FAR 1802	Seminars PGDip					2	C,D
FAR 2905	Minor Research Project/Case Study PGDip					5	C,D

### TOTAL non taught credits PGDip - 12

FAR XXXX is the subject code. 1<sup>st</sup> digit - academic year, 2<sup>nd</sup> digit - module #, 3<sup>rd</sup> digit- serial #, 4<sup>th</sup> digit – credit value. \* C=compulsory, E=elective, D= PGDip

### Total number of lecture hours for 270 for PGDip.

TOTAL credit s for PGDip - 30 (18 taught courses + 12 non taught)

### MSc Course Description:

Subject code	Subject	Lecture hours	Lab hours	Field days	Credit value	Course type*
<b>Module 1 - Introductory subjects in Aquatic Resources</b>						
FAR 1102	Marine Science (Oceanography)	30	10	1	2	C, M
FAR 1112	Freshwater Science (Limnology)	30	10	1	2	C,M
FAR 1121	Aquatic Toxicology & Water Quality Management	15			1	C, M
FAR 2131	Aquatic Conservation Biology	15			1	E, M
FAR 2142	Coral reef Ecology & Management	15		1	1	E, M
FAR 2151	Marine Environmental Management	15		1	1	E, M
FAR 2161	Integrated Watershed Management	15			1	E, M
<b>Module 2 - Introductory subjects in Fish and Fisheries</b>						
FAR 1201	Fish Biology (Taxonomy & Ichthyology)	15	10		1	C, M
FAR 1211	Fish Physiology and Nutrition	15	10		1	C, M
FAR 2221	Fish Biotechnology	15			1	E, M
FAR 2231	Fish Toxicology	15	10		1	E, M

<b>Module 3 – Modeling and Data Analysis</b>						
FAR 1301	Bio-Statistics & Data Analysis	15	10		1	C, M
FAR 2312	GIS Applications in Aquatic Resources Management	15	10		1	E, M
FAR 2321	Fish Stock Assessment	15	10		1	E, M
FAR 2331	Modeling in Aquatic Resources Management	15	10		1	E, M
<b>Module 4 – Aquaculture</b>						
FAR 1401	Principles in Aquaculture	15	10		1	C, M
FAR 1411	Aqua-feed Technology	15	5	1	1	E, M
FAR 1421	Fish Health Management	15	10	2	1	C, M
FAR 2431	Fin Fish Culture	15		1	1	C, M
FAR 2441	Ornamental fish, plants and sea-weed culture	30		2	2	E, M
FAR 2451	Aquaculture Engineering	15			1	E, M
FAR 2461	Shrimp, Prawn and Mollusk Culture	15		1	1	E, M
FAR 2471	Aquaculture Pond and Hatchery Mgt.	15		1	1	E, M
<b>Module 5 - Post Harvest Technology</b>						
FAR 1501	Post Harvest Technology	15		1	1	C, M
FAR 1511	Quality Assurance of Fishery Products	15		1	1	C, M
<b>Module 6 - Aquatic Resources Planning &amp; Management</b>						
FAR 1601	Resource Economics	15			1	E, M
FAR 1611	Coast Conservation & Management	15		1	1	E, M
FAR 1622	Inland Fisheries Management	30	10	1	2	C, M
FAR 1632	Capture Fisheries Management	30	10	1	2	C, M
FAR 2641	Fisheries Legislations	15			1	E, M
FAR 2651	Fishing Techniques & Gear Technology	15	10	1	1	E, M

FAR 2661	Fisheries Socio_Economics	15	1	1	E, M
<b>TOTAL (Taught courses)</b>		<b>555 (450)</b>		<b>37 (30 min)</b>	

*Non taught component*

FAR 1710	Laboratory and field work MSc			10	C,M
FAR 1805	Seminars MSc			5	C,M
FAR 2915	Research Project MSc			15	C,M

**TOTAL non taught credits MSc - 30**

FAR XXXX is the subject code. 1<sup>st</sup> digit - academic year, 2<sup>nd</sup> digit - module #, 3<sup>rd</sup> digit- serial #, 4<sup>th</sup> digit - credit value. \* C=compulsory, E=elective, M= MSc

**Total number of lecture hours for the MSc program is 450.**

TOTAL credits for MSc - 60 (30 taught courses + 30 non taught)

## Evaluation

The candidate's performance is assessed and graded by end of term theory examinations, practical examinations, continuous assessments, oral examinations, assignments or any combination depending on the subject. Laboratory component will be incorporated to respective course. Field reports will be assessed separately and seminars will be assessed based on the presentation and contents. The research project will be evaluated as 80% for theses and 20% for the viva. Candidates will not be allowed to repeat any of the non-taught programs. The percentage of marks allocated for continuous assessment vary with the nature of the course unit. The pass mark for theory papers and continuous assessments including practicals is 50% (B-).

## Awarding the Degree/Diploma

A candidate is awarded a PGDip in Fisheries and Aquatic Resources Management if the candidate has secured a minimum GPA of 2.7 (B- grade) from all taught and non-taught courses

The Postgraduate Diploma (PGDip) with Merit will be awarded to the candidate who managed to secure a GPA of 3.7 or above.

A candidate is awarded a MSc Degree in Fisheries and Aquatic Resources Management if the candidate has,

- a. Obtained a GPA not less than 2.7 (B- grade) including Research project

**or**

- b. Obtained a minimum GPA of 2.7 (B- grade) from all taught and non-taught courses (excluding research project)

The candidates will be awarded a Master Degree with Merit, if a candidate secures a GPA of 3.7 or above from taught and non-taught courses and obtained a GPA of 4 (A grade) for the research project.

### **Payment Plan**

The student needs to pay 60% of the course fee at the time of registration and the balance within six months of registration.

## 3.2.2 Masters Degree Programmes

### 3.2.2.1 MSc in Science and Technology of Herbal Products

The MSc program in Science and Technology of Herbal Products has been designed to encompass a broad spectrum of topics in order to provide necessary scientific knowledge and practical skills in the field of Science and Technology of Herbal Products. It is a full time, two-year program. The first academic year will comprise of lectures, laboratory work, field visits, assignments and a seminar while the second academic year will comprise of the research component and a seminar.

#### Objectives/Graduate Profile

The postgraduate student who completes the degree will be able to;

- *Gain sound knowledge in herbal products such as cosmeceuticals, nutraceuticals, and herbal health care products and produce herbal products utilizing medicinal and aromatic plants.*
- *Gain background knowledge and get information for those interested in starting up their own enterprises.*
- *Evaluate current herbal research to provide evidence-based practical and protocol models for herbal medicine both in healthcare settings and in industry.*
- *Apply critical analysis and reasoning skills to positively affect others' commitment to wellness with the safe and effective implementation of herbal medicine protocols.*
- *Demonstrate an in-depth, advanced clinical herbal medicine knowledge base that maximizes the innovative use of information that reflects the current theories, best practices, and research in preparation for application or further research in the herbal medicine industry.*
- *Apply knowledge effectively as a part of problem solving exercises;*
- *Communicate effectively in both written and oral forms;*
- *Operate effectively in a team by working co-operatively with others, and where necessary the ability to lead teams;*
- *Develop a research topic that includes evaluation and discussion of an extensive literature review; discussion, planning and conducting a series of*



*research trials/data gathering exercises; analysis of the data; and the writing of a comprehensive research report or thesis.*

## Professional and Employment Opportunities

There is an increased demand for the inclusion of ayurveda and herbal based products for beauty culture and food supplements. Therefore, there is a high demand for the professionals too having such knowledge by the companies dealing with food and herbal based products as well as pharmaceutical companies.

## Admission Requirements

To be eligible for admission to this program an applicant must possess a BSc Degree from a recognized university with chemistry as a subject or an equivalent qualification from a recognized institution approved by the University Senate.

**Course Duration:** 2 years (full time)

**Medium of Instruction:** English

## Course Description

Course Code	Course Title	Lecture/Lab Hours	Credit value
Taught Component			
HP 106	Module I – Plant Resources		6
	Plant Systematics	15	
	Traditional Usage of Medicinal Plants	15	
	Photochemistry	30	
	Agronomy	30	
HP 206	Module II – Process Technology		6
	Basic Principles of Chemical Engineering	30	
	Processing Methods in Ayurveda System	15	
	Formulation Technology	45	
HP 306	Module III – Products and Product Development		6
	Products from Medicinal Plants	15	
	Products from Aromatic Plants	15	
	Product Stability, Packaging and Storage	15	

	Biological Activity Testing and Trials	30	
	Industrial Microbiology	15	
HP 406	Module IV – Quality Assurance		6
	Quality Control and Plant Materials	15	
	Quality Control of Finished Products	15	
	Quality Management Systems	15	
	Statistical Quality Control	15	
	Principles of Analytical Chemistry	15	
	Principles of Organic Chemistry	15	
HP 506	Module V – Management		6
	Principles of Management	15	
	Organizational Behavior	15	
	Human Resource Management	15	
	Marketing Management	15	
	Financial and Operational Management	15	
	Strategic Management	15	
<b>Taught component (total)</b>		<b>450</b>	<b>30</b>
	<b>Non-taught component</b>		
HP 606	Laboratory work	150	5
HP 702	Field visits (5)		5
HP 802	Seminars		2
HP 920	Research Project		20
<b>Non-taught component (total)</b>		<b>150</b>	<b>32</b>
<b>Total number of credits</b>			<b>62</b>

## Evaluation

The Candidate's performance at each course unit is assessed and graded by theory examinations and continuous assessments during and at the end of the semester. Each course unit is consisted of theory exam, laboratory exam and continuous assessment. The continuous assessments comprise of seminars, field excursion and their reports etc. The pass mark is 50% and candidate should pass all the courses.

### **Repeating the course units**

A candidate who is unable to sit for course unit examination or fail a course unit can repeat the examination. Except for medical reasons the maximum mark that can be obtained is 50%. A candidate can repeat a theory paper (only once) if the GP of that theory paper is less than 2.7(B-) to qualify for the postgraduate Diploma. Repeat examinations are conducted within three months of the examination or at the end of the first academic year upon request of the candidate. Non-taught component cannot be repeated under any circumstances.

### **Awarding the Postgraduate Diploma**

Candidate should pass all the courses and should possess a minimum GPA of 2.7 for a total of at least 25 credits worth courses.

### **Awarding the MSc Degree**

A candidate is awarded an MSc in Science and Technology of Herbal Products if obtain passes for all the taught and non-taught courses and research project and also obtained a GPA not less than 2.7 (B- grade).

The candidates will be awarded a Master degree with Merit, if secures a GPA of 3.7 or above for the taught and non-taught courses and obtained an A grade for the research project.

### **Payment Plan**

The student needs to pay 60% of the course fee at the time of registration and the balance within six months of registration. Those who wish to exit at the Diploma Level should pay the full amount of the course fee at the time of registration.

### **3.2.2.2 MSc in Food Science and Technology**

The MSc in Food Science and Technology curriculum draws on the spectrum of biological and physical sciences, applies them to one of the essentials of life which is none other than food. This course prepares food scientists and food technologists for the local, regional and international job market. Food science, not only in the academic, but in the real world sense, relies on mathematics, physics, biology, chemistry, biochemistry, microbiology, engineering, processing, nutrition, biotechnology, marketing and management. This is a full time program consisting of course works, laboratory work, field practicals, industrial visits and a research project. Course works will be conducted over a period of two semesters of 15 weeks each. The entire program duration is 24 months.

### **Objectives/Graduate Profile**

The postgraduate student who completes the degree will be able to;

- *Gain wider knowledge and conceptual understanding of areas of Food Science and*

### Technology

- Gain ability to perceive the behavior of the food sector institutions dealing with food manufacture and related services
- Acquire technical and intellectual skills to gather data/ information and critically analyze the needs of local and international food sector
- Learn the way of searching new knowledge through research
- Build self-confidence for independence, self-motivation for long learning in the food science field
- Qualify to commence professional practice in food industry and related academic and research and development institutions

### Professional and Employment Opportunities:

As Food Science and Technology is a fast growing field both locally and internationally there are many opportunities for research, manufacturing, quality assurance, certification in multinational and international organizations. Openings can be found in Food and Agricultural Organization (FAO), World Food Program (WFP) and other United Nations organizations too.

### Admission Requirements

B.Sc. Degree with Chemistry as a subject or B.V.Sc., B.A.M.S, M.B.B.S. Chem. Eng Bachelors Degree in Agriculture, Paramedic Sciences, Nursing or an equivalent qualification from a recognized higher education institution approved by the University Senate and University Grants Commission.

**Course Duration:** 2 years

**Medium of instruction:** English

### Course Description:

Course code	Subject	No of hrs	No. of credits
<b>Food Chemistry and Biochemistry</b>			
FST 550 1.0	Advanced Food Chemistry I	15	1
FST 554 1.0	Advanced Food Chemistry II	15	1
FST 555 2.0	Chemistry of Food components	30	2
<b>Biology</b>			
FST 560 2.0	Food Microbiology	30	2
FST 561 2.0	Analytical Microbiology	30	2

<b>Food Engineering</b>			
FST 570 1.0	Physics of Food components	15	1
FST 572 1.0	Food Engineering	15	1
FST 573 1.0	Food Engineering Operations	15	1
<b>Food Spoilage and Preservation</b>			
FST 565 2.0	Food Spoilage	15	1
FST 566 2.0	Principles of food preservation	15	1
<b>*Food Product Technology</b>			
FST 580 12.0	Food Product Technology	180	12
FST 581 1.0	Food packaging	15	1
<b>Food Quality Assurance</b>			
FST 556 2.0	Food Analysis	30	2
FST 557 2.0	Food Quality Assurance	30	2
FST 558 1.0	Cleaner production In Food Industry	15	1
FST 559 2.0	Nutrition and Dietetics	30	2
<b>Management and Marketing</b>			
FST 588 2.0	Food Industrial Economics	30	2
FST 589.2.0	Food Marketing	30	2
<b>Orientation to current trends and research</b>			
FST 598 1.0	Emerging Food Technologies	15	1
FST 597 0.0	Research designing and communication	15	0
<b>Practical component</b>			
FST 591 3.0	Chemistry	120	3
FST 592 3.0	Biology	120	3
FST 593 3.0	Food Product Technology(including field visits)	240	3

FST 599 16.0	Research project/Thesis, Extended abstract and Research paper as per the format given		16
Total number of credits of the program			63
	Total number of lecture hours and practical hours	1060	

\*optional

It is required to obtain 60 out of 63 credits to be eligible for MSc.

### Evaluation

The candidate's performance at each course unit is assessed and graded through theory examinations and continuous assessments during and at the end of the semester. Marks for course units will be calculated from mid-term examinations, continuous assessments, written examination, assignments or any combination depending on the subject. Laboratory component will also be incorporated to respective courses. The reports of field work will be assessed separately and seminars will be assessed based on the contents & the presentations. The evaluation of the research project will be evaluated as 80% marks for theses and 20% marks for the viva. Candidates will not be allowed to repeat any of the non-taught course units. The continuous assessments comprise of seminars, field excursion reports etc. The pass mark is 50% and candidate should pass all the courses.

The nature of the course work element varies between modules.

### Awarding the MSc Degree

A candidate is awarded a MSc in Food Science and Technology if the candidate has, obtained a GPA not less than 2.7 (B- grade) for all taught and non-taught courses and the research project.

The candidates will be awarded a Masters Degree with Merit, if secure a GPA of 3.7 or above from taught and non-taught courses together with a GPA of 4 (A grade) for the research project.

### Payment Plan

The full amount of the course fee should be paid at the time of registration.

## 3.2.3 MPhil and PhD

MPhil and PhD in the following fields are offered;

Zoology, Botany, Forestry & Environmental Sciences, Chemistry and Food Science & Technology. The admission requirements are based on the SLQF which is shown in Annexure 1. The details of the administration of the research degrees are shown in Section 2 of the handbook under Guidelines for Postgraduate Programs.



**3.3**

COURSES OFFERED BY  
**BOARD OF STUDIES IN  
MANAGEMENT STUDIES &  
COMMERCE**



# 3.3.1 Postgraduate Diploma Program

## 3.3.1.1 Postgraduate Diploma in Marketing Management

This course in Marketing Management investigates the fundamental approaches to understand markets, competitors and portfolios of product offering. Therefore this Diploma is useful for executives who are working in any organization because marketing is core to the sustenance and growth of any organization.

### Objective/ Graduate Profile

The postgraduate student who completes the degree will be able to;

- *Identify new opportunities in the market and devise effective marketing strategies to capitalize on them*
- *Analyze the current marketing practices/strategies of organizations and propose alternative approaches to ensure the sustenance of the firm*
- *Critically evaluate the applicability of theories and models in comprehending contemporary marketing practices and developing more-context specific approaches in solving such issues.*
- *Identify the issues on professional codes of ethics in the area of marketing and perform the role of a 'marketer' in an ethical and socially responsible manner.*

### Professional and Employment Opportunities

Many job opportunities are available in manufacturing, trade, imports, exports and service sectors as marketing professionals.

### Admission Requirements

To be eligible for admission to this program an applicant must possess one of the following qualifications;

- *A Bachelor's Degree (Special or General) in the field of Management (Business Administration, Human Resource Management, Commerce, Public Management, Marketing Management, Accountancy, Financial Management, Public Administration, Estate Management and Valuation, Business Economics, Operations Management, Management Information Systems) from University of Sri Jayewardenepura or any other recognized university*
- *Bachelor's Degree with First or Second Class Upper Division in any other subject area*

*obtained from a recognized university*

- *A Bachelor's Degree in any other subject area obtained from a recognized university with one year working experience in Management or Marketing discipline*
- *Advanced Diploma in Marketing offered by the University of Sri Jayewardenepura and having followed 30 credits worth of a bridging course to alleviate to the Bachelor's Degree level\**
- *Diploma in Marketing offered by the University of Sri Jayewardenepura and having followed 60 credits worth of a bridging course to alleviate to the Bachelor's Degree level\**

**Note:** *The requirement for bridging courses to alleviate the Advanced Diploma and Diploma will be effective from 2018*

*Those who have followed Advanced Diploma and Diploma will be eligible to admitted to PGDip in Marketing Management after following required bridging courses offered from 2018.*

**Course Duration:** One year

**Medium of Instruction:** English

### Course description

Course Code	Course Title	Lecture hrs.	No. of Credits
<b>Semester I</b>			
PGDMM 1031	Marketing Theories and Practice	45	3
PGDMM 1032	Consumer Behavior	45	3
PGDMM 1033	a) Integrated Marketing Communication	30	3
	b) Sales Management	15	
PGDMM 1034	a) Management for Marketing	15	3
	b) Financial Management for Marketing	15	
	c) Economics for Marketing	15	
PGDMM 1035	Marketing Research	45	3
<b>Semester II</b>			
PGDMM 2031	Product and Brand Management	45	3
PGDMM 2032	Analytical tools for Marketing	45	3

PGDMM 2033	a) Strategic Marketing	30	3
	b) Marketing Sustainability	15	
PGDMM 2034	Service Marketing	45	3
PGDMM 2035	Project Report (Independent Study)		3
<b>Total credits</b>			<b>30</b>

### Evaluation

Candidate's performance at each course unit is assessed and graded through theory examinations, practical examinations and continuous assessments during and at the end of the semester. The maximum that can be allocated for the continuous assessment within a course unit could vary between 25% – 50% of the total marks. The pass mark is 50% and student is expected to pass all the course units. Student should obtain a B grade or higher for the Project Report.

### Repeating the course units

A candidate who is unable to sit or fail a course unit examination can repeat. Except medical reasons the maximum mark that can be obtained is 50%. For further details please refer paragraph under "Repeating the course units" in page 29.

### Awarding the Post Graduate Diploma

A candidate should pass all the courses and should possess a minimum GPA of 2.7 for at least 25 credits worth courses at the end of Semester II. A merit pass will be given if the overall average marks exceeds 80%.

### Payment Plan

The full amount of the course fee should be paid at the time of registration.

## 3.3.2 Postgraduate Diploma/Masters Programs

### 3.3.2.1 PGD/MSc in Applied Finance

A practitioner and career oriented degree program is offered for graduates and professionals in the early stages of their careers. The main objective of this program is to produce graduates with sound knowledge in Applied Finance.

The admission requirements for the PG Diploma and the MSc Course are the same. Postgraduate Diploma in Applied Finance (PGD AppFin) is offered as the exit strategy of the MSc in Applied Finance (MSc AppFin).

#### Objective/Graduate Profile

The postgraduate student who completes the degree/diploma will be able to;

- *Identify, analyze, interpret and critically assess the financial problems*
- *Analyze financial data within the constantly evolving financial environment*
- *Apply the technics necessary to analyze and interpret data in financial practice*
- *Analyze the international context and sensitivities of financial management and financial market*
- *Solve problems in corporate finance and financial markets, including those involving derivative assets and the operation of the markets in these assets*

#### Professional and Employment Opportunities

Degree/Diploma holders of the program will make meaningful contributions in a variety of job opportunities such as capital market analyst, investment banker, financial planner, financial analyst, financial manager, personal financial adviser, business analyst, securities and investment analyst and work in various fields such as banking, insurance, real estate, financial services or even in governmental organizations.

#### Admission Requirements

To be eligible for admission to this program an applicant must possess one of the following qualifications;

- *A Bachelor's Degree with a major in Finance, Economics, Accounting, Commerce*

*or Management from a recognized university with a First Class or Second Class Upper/Lower Division pass*

- *A Bachelor's Degree in any subject area from a recognized university with two years post qualifying experience in an executive capacity in finance sector.*
- *A professional qualification from the following recognized institutions with two years post qualifying experience in an executive capacity.*
  - *Institute of Chartered Accountants of Sri Lanka (ICASL)*
  - *Association of Chartered Financial Analysts (CFA), USA*
  - *Chartered Institute Management Accounts (CIMA) or Institute of Cost and Management Accounts (ICMA), UK*
  - *Institute of Certified Management Accounts of Sri Lanka (CMA)*
  - *Association of Chartered & Certified Accountants (ACCA)*
  - *The Chartered Institute of Marketing (CIM), UK, Diploma*
  - *The Chartered Institute of Bankers (ACIB), UK-Diploma*
  - *Institute of Bankers of Sri Lanka (IBSL) or The Chartered Institute of Bankers (AIB), Sri Lanka- Diploma*
  - *The Chartered Institute of Engineering (CIE), UK/Sri Lanka*
  - *The Institute of Chartered Secretaries and Administrators-Diploma*
  - *Sri Lanka Institute of Advance Technological Education (SLIATE) - Higher National Diploma in Accountancy (HNDA) (Four-year course)*
  - *Sri Lanka Institute of Advance Technological Education (SLIATE) - Higher National Diploma in Management(HNDM) (Four-year course)*
  - *Attorney-at-law*
  - *Sri Lanka Institute of Marketing (SLIM) - Diploma with 5 years post qualifying experience*
- *A postgraduate level qualification or its equivalent*

## **PGD in Applied Finance**

**Course Duration:** One year

**Medium of Instruction:** English

## Course description

Term	Course Code	Course Title	Lecture hrs.	Practical hrs.	No. of Credits	Status	
Term I	ACC 5102	Accounting for Managers	45		3	Compulsory	
	FIN 5101	Business Finance	45		3	Compulsory	
	ECO 5000	Economics for Managers	45		3	Compulsory	
Term II	ECO 5101	Financial Economics	45		3	Compulsory	
	One elective	FIN 5102	Financial Modeling and Forecasting -Theory -Practical	30	30	4	Elective
		LAW 5101	Business Law -Theory -Case Analysis	30	30	4	Elective
		MGT 5101	Business Forecasting -Theory -Practical	30	30	4	Elective
	FIN 5103	Financial Mathematics and Statistics	45		3	Compulsory	
Term III	MGT 5000	Management & Organizational Behavior	45		3	Compulsory	
	One elective	FIN 5105	Bank Management	45		3	Elective
		FIN 5106	Ethical and Professional Standards	45		3	Elective
		FIN 5107	Corporate Governance	45		3	Elective
	FIN 5104	Research in Finance	45		3	Compulsory	
Term Paper				2			
<b>Total credits</b>					<b>44</b>		

**Note:** Student are required to obtain minimum of 25 credits

The Postgraduate Diploma consists of nine course units, which includes seven compulsory course units including one term paper for Research in Finance and two elective course units. Each course carries three or four credit hours and fifteen sessions in a semester. All elective courses will necessarily be available every year or offered at any particular time during the year. There is no provision for exemption at the postgraduate diploma.

## Evaluation

Candidate's performance at each course unit is assessed and graded by theory examinations and continuous assessments during and at the end of the semester. The pass mark is 50% and candidate should pass all the course units. Candidate should obtain a B grade or higher for the Term Paper which will be offered in the final semester.

## Repeating the course unit

A candidate who is unable to sit or fail the course unit can repeat the examination. Except medical reasons the maximum mark that can be obtained is 50%. For further details please refer paragraph under "Repeating the course units" in page 29.

## Awarding the Postgraduate Diploma

Candidate should pass all the courses and should possess a minimum GPA of 2.7 for a total of at least 25 credits worth courses including the Term Paper at the end of Term III. A merit pass will be given if the overall average marks exceeds 70%.

## Payment Plan

The full amount of the course fee should be paid at the time of registration.

## MSc in Applied Finance

**Course Duration:** Two years

**Medium of Instruction:** English

### Course Description

#### Part I:

Term	Subject Code	Subject	Credit	Credit Hours	Status	
Term I	ACC 5102	Accounting for Managers	3	45	Compulsory	
	FIN 5101	Business Finance	3	45	Compulsory	
	ECO 5000	Economics for Managers	3	45	Compulsory	
Term II	ECO 5101	Financial Economics	3	45	Compulsory	
	FIN 5102	Financial Modeling and Forecasting	-Theory	2	30	Elective
			-Practical	2	30	
	Law 5101	Business Law	-Theory	2	30	Elective
			-Case Analysis	2	30	
MGT 5101	Business Forecasting	-Theory	2	30	Elective	
-Practical	2	30				

	FIN 5103	Financial Mathematics and Statistics	3	45	Compulsory	
Term III	MGT 5000	Management & Organizational Behaviour	3	45	Compulsory	
	One elective	FIN 5105	Bank Management	3	45	Elective
		FIN 5106	Ethical and Professional Standards	3	45	Elective
		FIN 5107	Corporate Governance	3	45	Elective
	FIN 5104	Research in Finance Plus Term Paper	3 2	45	Compulsory	
<b>Total Credits</b>			<b>44</b>	<b>420</b>		

## Part II:

Term	Subject Code	Subject	Credit	Credit Hours	Status
Term I	FIN 8101	Corporate Finance	3	45	Compulsory
	ECO 8101	Econometrics	3	45	Compulsory
	FIN 8103	Investment Management Strategies	3	45	Compulsory
Term II	FIN 8301	e-Finance and Banking	3	45	Compulsory
	MGT 8002	Strategic Management	3	45	Compulsory
	FIN 8105	Financial Information Analysis	3	45	Compulsory
	FIN 8106	Financial Derivatives	3	45	Elective
Term III	<b>Option 1</b>				
	ACC 8104	Advanced Management Accounting	3	45	Compulsory
	FIN 8107	Financial Risk Management	3	45	Compulsory
	FIN 8102	Global Financial Markets	3	45	Compulsory
	FIN 8104	International Finance	3	45	Compulsory
	<b>Option 2</b>				
	FIN 8108	Dissertation	15		
<b>Total Credits</b>			<b>48</b>	<b>450</b>	
<b>Total Credits for the Degree</b>			<b>92</b>		



## Evaluation

Candidate's performance at each course unit is assessed and graded through theory examinations and continuous assessments during and at the end of the Term. The pass mark is 50% and candidate should pass all the course units. Candidate should obtain a B grade or higher for the Term Paper.

## Repeating the course units

A candidate who is unable to sit or fail the course unit can repeat the examination. Except medical reasons the maximum mark that can be obtained is 50%. For further details please refer paragraph under "Repeating the course units" in page 29.

## Awarding the MSc Degree

Candidate should pass all the courses and should possess a minimum GPA of 2.7 for a total of at least 60 credits worth courses including the Term Paper and Dissertation. Students are expected to obtain B pass for the Term Paper.

Alternatively, candidate should pass all the courses and possess a minimum GPA of 2.7 for a total of at least 60 credits worth courses including the Term Paper without doing the dissertation.

A merit pass will be given if the overall average exceeds 70%.

## Payment Plan

The student needs to pay 60% of the course fee at the time of registration and the balance within six months of registration.

### 3.3.2.2 PGD/MSc in Real Estate Management and Valuation

This course is designed for graduates and practitioners in the field of Real Estate Management and Valuation and other allied fields, who wish to enhance their competence and qualifications. It provides students with the essential learning components of economics, valuation, construction, investment, law, planning, management and development. It will build understanding of the complex interactions and dynamics of the property market, including a sound knowledge of valuation and appraisal techniques. The Post Graduate Diploma is offered as an exit strategy to the Masters Degree.

## Objectives/Graduate Profile

The candidate who completes the degree will be able to apply current investment and appraisal techniques and make sound property management decisions that consider legal, economic, facilities management and planning variables.

## Professional and Employment Opportunities

Project based and industry based opportunities for valuation and management of

properties is becoming a new field of business. The property managers with the above qualification will be of high demand.

### Admission requirements

To be eligible for admission to this program an applicant must possess one of the following qualifications;

- *A Bachelor's Degree in Estate Management & Valuation (Special) with a First Class or Second Class Upper Division pass (Minimum GPA of 3.3) obtained from a recognized university*
- *A Bachelor's Degree in Estate Management & Valuation (Special) with a Second Class Lower Division pass (Minimum GPA of 3.0) obtained from a recognized university with at least one year post qualifying relevant professional and/or managerial level experience*
- *A Bachelor's Degree in Estate Management & Valuation (Special) with a General Pass (Minimum GPA of 2.7) obtained from a recognized university with at least two year post qualifying relevant professional and/or managerial level experience*
- *A Bachelor's Degree (Special) in any subject area with a minimum of Second Class Upper Division pass (Minimum GPA of 3.3) obtained from a recognized university with at least two years post-qualifying relevant professional and/or managerial level experience*
- *A Bachelor's Degree (Special) in any subject area with a Second Class Lower Division pass (Minimum GPA of 3.00) obtained from a recognised university with at least three years post-qualifying relevant professional and/or managerial level experience*
- *A Bachelor's Degree (Special) in any subject area with a general pass (Minimum GPA of 2.00) obtained from a recognized university with at least four years post-qualifying relevant professional and/or managerial level experience*
- *A Bachelor's Degree (General) in any subject area obtained from a recognized university with at least five years post-qualifying relevant professional and/or managerial level experience*
- *A relevant postgraduate degree obtained from a recognized university*
- *Any other higher level professional/academic qualification equal to a degree as recognized by the University Grants Commission with more than 5 years post-qualifying professional experience in an executive capacity*
- **Recognized Professional Qualifications**
  - Member of the Royal Institution of Chartered Surveyors (RICS), UK
  - Member of the Institute of Valuers of Sri Lanka

- Member of the Institute of Town Planners of Sri Lanka
- Diploma in Valuation from Sri Lanka Technical College, with 10 years' experience in the field of Real Estate Management and Valuation
- Diploma in Survey - Institute of Surveying and Mapping, Diyatalawa

### Program duration

All Programs consist of defined academic terms. The duration of the academic term is 10 (ten) weeks

- *Postgraduate Diploma in Real Estate (PGDip in RE) - The duration of the Course is three academic terms (one year) with two months' special study report.*
- *MSc in Real Estate and Valuation (MSc in REV – The duration of the course is six academic terms (two years) and six months thesis.*

**Note:** *The exemptions for subjects offered under the degree program can be considered on the request of the applicants. The final discretion in this lies with the Department of Estate Management and Valuation and the Senate of the University.*

### PGD in Real Estate Management and Valuation

**Course Duration:** One year with two months' special study report.

**Medium of Instruction:** English

#### Course Description

Year 01	Subject Code	Subject	No of Credits	Contact Hours
Term I	REV 5112	Real Estate Economics	2	30
	REV 5123	Principles of Valuation	3	45
	REV 5133	Law of property and Obligation	3	45
	REV 5142	Quantitative Techniques for Decision Making	2	30
Term II	REV 5212	Research Methods	2	30
	REV 5223	Real Estate Business Fundamentals	3	45
	REV 5232	Thesis/Project Proposal Seminar/PG DIP Report/PGC report	2	30
	REV 5243	Advanced Valuation	3	45
Term III	REV 5312	Real Estate Development and Management	2	30
	REV 5323	Real Estate Information Systems & GIS (Theory + practical)	3	60
	REV 5332	Applied Valuation	2	30

	REV 5342	Applied Valuation Practical report (MSc)	2	30
	REV 5442	*Special Study Report -PGDip in RE	3	45
<b>Total</b>			<b>32</b>	

Each course carries two or three credits and one credit is equal to fifteen interactive hours. The student should complete the special study report within two months after the third Term.

### Evaluation

Candidate's performance at each course unit is assessed and graded through theory examinations and continuous assessments during and at the end of the semester. Continuous assessment may include individual assignments, group assignments, case analyses, critical incident analyses, term papers, midterm examinations, quizzes, practical and oral presentations. The continuous assessments should be limited to the maximum of 50% of the total marks when it is combined with written or other examinations. The pass mark is 50% and candidate should pass all the course units and the Special Study Report.

### Repeating the course units

A candidate who is unable to sit or fail the course unit can repeat the examination. Except medical reasons the maximum mark that can be obtained is 50%. For further details please refer paragraph under "Repeating the course units" in page 29.

### Awarding the Postgraduate Diploma

Candidate should pass all the courses and should possess a minimum GPA of 2.7 for a total of at least 25 credits worth courses including the Special Study Report. A merit pass will be given if the overall average exceeds 70%

### Payment Plan

Full payment needs to be made for those who wish to exit at PG Diploma Level.

## MSc in Real Estate Management and Valuation

**Course Duration:** Two years with six months for the thesis

**Medium of Instruction:** English

### Course Description

At the end of Term III of the Year 1 those who wish to proceed to MSc Level needs to prepare a research proposal which carries 2 credits. The Coordinator of the program will assign supervisors in consultation with the Head of Department. Once a supervisor is assigned, the candidate should meet with the supervisor and maintain a record of meetings provided by the Department. The special study report should be prepared in accordance with the guidelines of the program.

Year 02	Subject Code	Subject	No of Credits	Contact Hours
<b>Term IV</b>	REV 6112	Environmental Valuation	2	30
	REV 6122	Real Estate Investment and Market Analysis	2	30
	REV 6132	Urban Planning and Management	2	30
	REV 6142	Business Valuation	2	30
	REV 6152	Land Development and Policy	2	30
<b>Term V</b>	REV 6212	Professional Development and Ethics (case study)	2	30
	REV 6222	Real Estate Project Management	2	30
	REV 6232	Plant and Machinery Valuation	2	30
	REV 6242	Sustainable Construction and Maintenance	2	30
	REV 6252	Special Property Valuation	2	30
<b>Term VI</b>	REV 6312	Thesis	17	6 Months
		<b>Sub Total</b>	<b>37</b>	
		<b>Total for the entire degree</b>	<b>60</b>	<b>2 years</b>

## Evaluation

Candidate's performance at each course unit is assessed and graded through theory examinations and continuous assessments during and at the end of the Term. Maximum marks that can be obtained for continuous assessment is 50% of the total marks. The pass mark is 50% and candidate should pass all the course units including the special study report and the thesis. The viva examinations will be held only for the candidates who have earned 50% or more marks for the thesis.

## Repeating the course units

A candidate who is unable to sit for course unit examination or fail a course unit can repeat the examination. Except for medical reasons the maximum mark that can be obtained is 50%.

## Awarding the MSc Degree

Candidate should pass all the courses and should possess a minimum GPA of 2.7 for a total of at least 60 credits worth courses including the Special Study Report and Thesis. A merit pass will be given if the overall average exceeds 70%.

## Payment Plan

Those who wish to proceed to the Masters Degree should pay 60% of the course fee at the time of registration and the balance during the first 6 months.

## 3.3.3 Masters Degree Programs

### 3.3.3.1 Master of Entrepreneurship (MEntr)

This Degree is designed for students who are either entrepreneurs or interested in becoming entrepreneurs or assuming leadership positions in the corporate sector. The course enhances the knowledge, skills and competencies needed for starting and running an entrepreneurial venture in the dynamic business environment. In addition, the course will empower the graduate to venture into revitalize large organisations saddled with bureaucracy or other inhibitions where creativity, innovations, diversity and acceptance of risk are not seen as an integral part of a business organisation.

#### Objective/ Graduate Profile

The postgraduate student who completes the degree will be able to;

- *Launch and grow innovative enterprises*
- *Successfully commercialize new or improved products and services*
- *Lead and manage organizations for growth and development*
- *Revitalize the stagnating organizations through innovations*
- *Develop the know-how in obtaining funding*
- *Acquire business acumen and skills in leading businesses*
- *Achieve financial independence*

#### Professional and Employment Opportunities

The main aim of this program is persuading the graduates to start their own businesses by transforming creative and innovative business ideas into commercially viable business. Besides, private sector as well as government sector organizations are looking for entrepreneurial talent to employ at strategic positions to drive their entities to new vistas. Hence, the development of entrepreneurial and managerial skills through the program, will provide excellent personnel to fill the gaps in leading positions of organizations world over that need positive change in their business operations.

#### Admission Requirements

To be eligible for admission to the M.Entr. program, an applicant must be above 25 years of age by the date of calling applications and possess,

A) one of the following qualifications and a working knowledge of English:

- *A Special Bachelor's Degree with a class standing from a recognized university*
- *A General Bachelor's Degree from a recognized University with a First Class or Second Class (Upper Division) standing*
- *Advanced Diploma in Entrepreneurial Business Management offered by the University of Sri Jayewardenepura*
- *Bachelor's Degree from a recognized university, and 3 years valid business registration or 3 years executive/managerial level experience*
- *A Postgraduate Diploma of not less than one year or Higher Degree from a recognized University with two years' relevant experience*
- *Completion of NVQ level 7 (B. Tech (as determined by the University))*

**Or**

B) One of the following professional qualifications with three years' relevant post-qualifying experience.

- *Institute of Chartered Accountants of Sri Lanka(ICASL)- Passed Finalist*
- *Chartered Institute of Management Accountants (CIMA) – Passed Finalist*
- *Association of Chartered & Certified Accountants (ACCA)- Passed Finalist*
- *Certified Management Accountants- Sri Lanka (CMA Sri Lanka)- Passed Finalist*
- *Chartered Institute of Marketing (CIM) UK- Diploma*
- *Chartered Institute of Bankers (ACIB) UK- Diploma*
- *Chartered Institute of Bankers (AIB) Sri Lanka – Diploma*
- *Institution of Engineers (CIE) UK /Sri Lanka – Associate member or above*
- *Sri Lanka Institute of Advanced Technology Education(SLIATE) – Higher National Diploma in Accountancy/Management/Commerce (HND A/M/C) (four Year Course)*
- *Institute of Chartered Secretaries and Administrators – Member*
- *Attorney – at – Law*

**Or**

C) One of the following professional qualifications with five years' relevant post-qualifying experience.

- *Diploma in Marketing awarded by the Sri Lanka Institute of Marketing (SLIM)*
- *Professional qualification in Human Resource Management from the Institute of Personnel Management*

**Course Duration:** 2 years

**Medium of Instruction:** English

### Course Description

Curriculum for Level 1 (Year 1):

Term 1	Course	Credits	Contact Hours	Notional Hours
MENTR 10201	Introduction to Entrepreneurship and SMEs	02	30	100
MENTR 10302	Managing for Creativity and Innovation	03	45	150
MENTR 10205	New Venture Creation and Business Plan Development	02	30	100
MENTR 10206	Human Resource Management	02	30	100
<b>Term 2</b>				
MENTR 10207	Project Management	02	30	100
MENTR 10208	Management Information Systems	02	30	100
MENTR 10309	Marketing Management	03	45	150
MENTR 10210	Statistical Analysis for Entrepreneurs	02	30	100
MENTR 10211	Financial Accounting	02	30	100
<b>Term 3</b>				
MENTR 10214	Contemporary Issues in Entrepreneurship in Sri Lanka	02	30	100
MENTR 10315	Financial Management for Entrepreneurs	03	45	150
MENTR 10216	Operations Management	02	30	100
MENTR 10317	Cost and Management Accounting	03	45	150
<b>Total</b>		<b>30</b>	<b>450</b>	<b>1500</b>

Curriculum for Level 2 (Year 2):

Term 1	Course	Credits	Contact Hours	Notional Hours
MENTR 20301	Research Methods	03	45	150
MENTR 20304	Strategic Management	03	45	150
MENTR 20305	Managing Entrepreneurial Growth	03	45	150
MENTR 20306	Organizational Behavior	03	45	150
MENTR 20309	Strategic Entrepreneurship	03	45	150
<b>Term 2</b>				
MENTR 21508	Research Study *	15	-	1500



OR					
MENTR 20817	Project Report / Business Project **	08	-	800	
And					
Seven or more credits from following					
MENTR 20207	Auditing for Entrepreneurs	02	07	30	100
MENTR 20208	Taxation for Entrepreneurs	02		30	100
MENTR 20311	Development Economics and Managing Global Businesses	03		45	150
MENTR 20212	Strategy for Entrepreneurs	02		30	100
MENTR 20213	Ethics and Sustainability	02		30	100
MENTR 20214	Commercial Law	02		30	100
MENTR 20215	Electronic Business	02		30	100
MENTR 20318	Managing Organizational Dynamics	03		45	150
MENTR 20221	Techno- Entrepreneurship	02		30	100
<b>Total</b>				<b>45</b>	<b>225/ 330</b>

\*/\*\* A student is given six months period to submit the Research Study Report (MENTR 21508) and three months period to submit the Project Report/ Business Report (MENTR 20817) after completion of other course work.

## Evaluation

Candidate's performance at each course unit is assessed and graded through theory examinations and continuous assessments during and at the end of the semester. The marks for continuous assessment in each course which will not be more than 60% of the total mark. The pass mark is 50% and candidate should pass all the course units including the Research Report/Project Report. After following the course unit on Research Methods the student shall prepare the research proposal or the Project proposal/Business proposal and submit to the Course Coordinator. The Coordinator will assign supervisors in consultation with the Head of Department and student shall proceed with the thesis and submit within the given time period. 75% marks will be given for the thesis and 25% for the Viva Voce. Viva examinations will only be held if the mark of the thesis is 50% or more.

## Repeating the course units

A candidate who is unable to sit or fail the course unit can repeat the examination. Except medical reasons the maximum mark that can be obtained is 50%. For further details please refer paragraph under "Repeating the course units" in page 29.

## Awarding the MEntr Degree

Candidate should pass all the courses and should possess a minimum GPA of 2.7 for a total

of at least 60 credits worth courses including the Research Study Report. A merit pass will be given if the overall average exceeds 70%.

### **Payment Plan**

The student needs to pay 60% of the course fee at the time of registration and the balance within six months of registration.

### **3.3.3.2. MBA /MSc in Management**

The primary purpose of this MBA/ MSc Degree in Management is to prepare students to become innovative and dynamic managers in a broad range of private and public organisations. Furthermore, the purpose is to foster strategic, innovative and entrepreneurial thinking in a local and global business context. Finally, the competencies developed will enable students to critically analyze and solve complex business problems in the dynamic local and global business environment.

### **Objectives/ Graduate Profile**

The postgraduate student who completes the degree will be able to;

- *Possess a knowledge framework which encompasses diverse perspectives and disciplines within management to understand the complexity of managing an organisation in a changing business environment.*
- *Have an understanding of how the acquired theoretical knowledge can be put into practice. Possess a critical awareness of discipline-based concepts and approaches to analyse and master contemporary management problems.*
- *Have an in-depth knowledge and insight in specific management-related areas.*
- *Have the ability to acquire and analyse data and information, to evaluate their relevance and validity and to synthesise a range of information sources needed to develop a comprehensive understanding of rapidly changing national and international business environment.*

### **Professional and Employment Opportunities**

The MBA Graduates will have opportunities at senior management level and board level in local and international business entities.

### **Admission Requirements**

To be eligible for admission to this program an applicant must possess

A) one of the following qualifications and a good working knowledge of English;

- *A Bachelor's Degree including 30 credits in Business Administration / Public Administration / Commerce / Human Resource Management / Marketing / Accountancy / Finance/ Estate Management and Valuation/ Business Economics / Operations Management / Management Information Systems/ Economics etc.*

- *A Bachelor's Degree in any subject area from a recognised University with three years' post-qualifying relevant experience.*
- *A Postgraduate Diploma of not less than one year in Management*
- *A Postgraduate Diploma of not less than one year in any other field with two years of relevant experience*

**Or**

B) One of the following professional qualifications with three years post-qualifying relevant experience.

- *Institute of Chartered Accountants (ACA)- Passed Finalist*
- *Chartered Institute of Management Accountants (CIMA) – Passed Finalist*
- *Association of Chartered & Certified Accountants (ACCA)- Passed Finalist*
- *Chartered Institute of Marketing (CIM) UK- Postgraduate Diploma*
- *Chartered Institute of Bankers (ACIB) UK- Associate Member - Diploma*
- *Chartered Institute of Bankers (AIB) Sri Lanka – Associate Member – Diploma*
- *National Diploma in Technology (University of Moratuwa)*
- *Institution of Engineers (CIE) UK /Sri Lanka – Associate member or above*
- *Sri Lanka Advance Technological Institute (SLATI) – Higher National Diploma in Accountancy (HNDA) (Four Year Course)*
- *Sri Lanka Advance Technological Institute (SLATI) – Higher National Diploma in Management/ Commerce (HNDM/C) (Four Year Course)*
- *Institute of Chartered Secretaries and Administrators – Member*
- *National Diploma in Engineering Sciences (Institute of Engineering Technology, Katunayake)*
- *Attorney – at – Law*

**Or**

C) One of the following professional qualifications with five years' post-qualifying relevant experience

- *Diploma in Marketing awarded by the Sri Lanka Institute of Marketing (SLIM)*
- *Professional qualification in Human Resource Management from the Institute of Personnel Management.*
- *Completion of NVQ level 7 (B. Tech.) with a minimum 3.0 of GPA*

**Course Duration:** Two years  
**Medium of Instruction:** English

## Course Description

MBA Program is conducted in two modes; with a specialization area or without any specialization area.

### MBA with a specialization area

Course Code	Course Title	Lecture/ lab hours	Credit value
<b>Year 1</b>			
<b>Term I</b>			
MMS 5101	Management	45	3
MMS 5102	Economics for Management	45	3
MMS 5103	Quantitative Techniques for Management	45	3
<b>Term II</b>			
MMS 5201	Accounting for Management	45	3
MMS 5202	Human Resources Management	45	3
MMS 5203	Operations Management	45	3
<b>Term III</b>			
MMS 5301	Financial Management	45	3
MMS 5302	Marketing Management	45	3
MMS 5303	Management Information Systems	45	3
MMS 5304	Organizational Behavior	45	3
<b>Year 2</b>			
<b>Term I</b>			
MMS 6101	Strategic Management	45	3
MMS 6102	Research Methods	45	3
	One course from the field of specialization	45	3
<b>Term II</b>			
	Seminars from the field of specialization <b>and</b>	45	3
MMS 6202	Two courses from the field of specialization <b>or</b>	45	3
	Three courses from the field of specialization	45	3
<b>Term III</b>			
	Research <b>or</b>		15

	Project report from the field of specialization	45	6
	<b>with</b>		
	One Course from the field of specialization and another Course from any offered courses of the term	45	3
			3
<b>Total credits</b>			<b>63</b>

### MBA Program without any specialization

Course Code	Course Title	Lecture/ lab hours	Credit value
<b>Year 1</b>			
<b>Term I</b>			
MMS 5101	Management	45	3
MMS 5102	Economics for Management	45	3
MMS 5103	Quantitative Techniques for Management	45	3
<b>Term II</b>			
MMS 5201	Accounting for Management	45	3
MMS 5202	Human Resources Management	45	3
MMS 5203	Operations Management	45	3
<b>Term III</b>			
MMS 5301	Financial Management	45	3
MMS 5302	Marketing Management	45	3
MMS 5303	Management Information Systems	45	3
MMS 5304	Organizational Behavior	45	3
<b>Year 2</b>			
<b>Term I</b>			
MMS 6101	Strategic Management	45	3
MMS 6102	Research Methods	45	3
	One Course from any offered courses of the term	45	3
<b>Term II</b>			

	-Seminars from the field of business administration and,		
	-One Course from the department of business administration and,	45	3
MMS 6202	-Another Course from any offered courses of the term	45	3
	or		
	- One Course from the department of business administration and	45	3
	- Another two Courses from any offered courses of the term		

Term III			
	Research on any discipline of management with 15 credits or		15
	Project report on any discipline of management with 06 credits and	45	6
	One Course from the department of business administration and	45	3
	Another Course from any offered courses of the term		3

**Total credits** **63**

### MSc Program

Course Code	Course Title	Lecture/ lab hours	Credit value
<b>Year 1</b>			
<b>Term I</b>			
MMS 5101	Management	45	3
MMS 5102	Economics for Management	45	3
MMS 5103	Quantitative Techniques for Management	45	3
<b>Term II</b>			
MMS 5201	Accounting for Management	45	3
MMS 5202	Human Resources Management	45	3
MMS 5203	Operations Management	45	3
<b>Term III</b>			
MMS 5301	Financial Management	45	3
MMS 5302	Marketing Management	45	3

MMS 5303	Management Information Systems	45	3
MMS 5304	Organizational Behavior	45	3
Year 2			
Term I			
MMS 6101	Strategic Management	45	3
MMS 6102	Research Methods	45	3
	One Course from any offered courses of the term	45	3
Term II & Term III			
MSc Thesis			21
<b>Total credits</b>			<b>60</b>

Students have to earn minimum of 60 credits during the two year period of the Master Degree program. They have to earn 30 credits in the first year and 30 credits in the second year.

After completing the first year of the program, the students can choose one of the following options to complete the Masters Degree;

- *Complete the second year by eight courses with 24 credits and a project report with 6 credits*
- or**
- *Complete the second year by six courses with 18 credits and the research with 15 credits*

Those who wish to continue for the Masters Degree should follow 3 courses with 9 credits in the first term of the second year and the theses with 21 credits in the second and third terms of the second year.

A candidate who has successfully completed the credit courses (10 courses) in the final year but not opted to proceed to the second year of the program is eligible for the Postgraduate Diploma in Management. If a candidate fails to complete the second year of the program within the maximum period given but wishes to obtain the Postgraduate Diploma, he/she will be awarded the same provided that he/she has successfully completed all the credit courses (10 courses) in the first year of the program. If a candidate obtains a Postgraduate Diploma he/she is not eligible to obtain the Masters Degree.

## Evaluation

Candidate's performance at each course unit is assessed and graded through theory examinations and continuous assessments during and at the end of the semester. Continuous assessment may include individual assignments, group assignments, case analyses, critical incident analyses, term papers, midterm examinations, quizzes, practical and, oral presentations. The continuous assessments should be limited to the maximum of 50% of the total marks when it is combined with written or other examinations.

The pass mark is 50% and candidate should to pass marks from all the course units and

Project Report/Thesis.

### **Repeating the course units**

A candidate who is unable to sit or fail the course unit can repeat the examination. Except medical reasons the maximum mark that can be obtained is 50%. For further details please refer paragraph under “Repeating the course units” in page 29.

### **Awarding the Degree**

Candidate should pass all the courses and should possess a minimum GPA of 2.7 for a total of at least 60 credits worth courses including the Project Report/Thesis. A merit pass will be given if the overall GPA is 4.

### **Payment Plan**

The student needs to pay 60% of the course fee at the time of registration and the balance within six months of registration.

### **3.3.3.3 Master of Professional Accounting Degree Programme (MPAcc)**

The Master of Professional Accounting (MPAcc) Degree Program is designed primarily to develop competent managers with sound theoretical and practical skills in accounting and related disciplines. It will also provide a foundation for those who wish to continue their higher studies in the sphere of Accounting.

#### **Objectives/Graduate Profile**

The postgraduate student who completes the degree will be able to;

- *Demonstrate an advanced knowledge in contemporary developments and issues in accounting theory and practice*
- *Think analytically and critically in the realm of theory and practice in accounting;*
- *Understand and apply accounting theories, concepts, and techniques in practical and research contexts; and*
- *Develop an understanding of ethical requirements, issues and deal with them appropriately.*

#### **Professional and Employment Opportunities**

The study programme leads to a unique academic qualification with a strong professional flavor recognized in both the public and private sectors. In addition to enhancing performance of senior management and paving the way for career advancement, it serves as an entry qualification for advanced studies in accounting.

#### **Admission Requirements:**

To be eligible for admission to this program an applicant must possess one of the



following qualifications;

- *A Bachelor's Degree including 30 credits in Accounting, Commerce or Management*
- *Postgraduate Diploma in Accounting and Financial Management (Department of Accounting, University of Sri Jayewardenepura) or equivalent postgraduate qualification from a recognised university or a higher education institution*
- *Membership or Passed Finalist of one of the following accounting professional bodies;*
  - a) Institute of Chartered Accountants of Sri Lanka (CA Sri Lanka)
  - b) Institute of Certified Management Accountants of Sri Lanka (CMA Sri Lanka)
  - c) Chartered Institute of Management Accountants (CIMA-UK)
  - d) Association of Chartered Certified Accountants (ACCA-UK)
- *Completion of NVQ level 7 (B.Tech.) with a minimum of 3.0 of GPA*

**Course Duration:** One Year

**Medium of Instruction:** English

**Course Description:**

Year/ Semester	Course of study	No. of credits	Contact hours	Notional hours
<b>Semester I</b>				
MPACC 1301	Contemporary Issues in Financial Reporting	3	45	150
MPACC 1302	Strategic Management Accounting	3	45	150
MPACC 1303	Research Methods	3	45	150
	Elective 1*	3	45	150
<b>Semester II</b>				
MPACC 1304	Business Strategy	3	45	150
MPACC 1305	Contemporary Issues in Auditing and Assurance	3	45	150
MPACC 1306	Corporate Governance and Ethics	3	45	150
	Elective 2*	3	45	150
MPACC 1607	Project Report **	6		600
<b>Total</b>		<b>30</b>	<b>360</b>	<b>1,800</b>

\*A student is required to select one elective in each semester from the following courses:

MPACC 1308: Project Management

MPACC 1309: Taxation Law and Practice

MPACC 1310: Enterprise Resource Planning Systems

MPACC 1311: Public Sector Accounting and Finance

MPACC 1312: Investment and Portfolio Management

MPACC 1313: Enterprise Risk Management

MPACC 1314: Business Valuation  
 MPACC 1315: Corporate Sustainability Accounting  
 MPACC 1316: Contemporary Issues in Management Accounting  
 MPACC 1317: Accounting Information System  
 MPACC 1318: Financial Statement Analysis  
 MPACC 1319: Forensic Accounting

\*\* A student is given 2 months period to submit the Project Report after completing the course work.

For compulsory and elective courses, one credit equals to 15 hours while for the research project 1 credit equals to 100 hours.

### **Evaluation**

Candidate's performance at each course unit is assessed and graded through theory examinations and continuous assessments during and at the end of the semester. Continuous assessment may include individual assignments, group assignments, case analyses, critical incident analyses, term papers, midterm examinations, quizzes, practical and oral presentations. Marks for the continuous assessments will vary between 30%-50% of the total marks when it is combined with written or other examinations.

The pass mark is 50% and candidate should obtain pass marks from all the course units and Project Report. A student shall be eligible to sit the semester-end examination only if he/she has maintained a minimum attendance level of 80% for the relevant lecture sessions. Eligibility requirements will be applicable to all course units. A student who fails to fulfill the eligibility requirements for any course will be considered as 'fail' and could repeat the examination by fulfilling the eligibility requirements next time.

### **Repeating the course units**

A candidate who is unable to sit for course unit examination or fail a course unit can repeat the examination. Except for medical reasons the maximum mark that can be obtained is 50%. In the case of a repeat student or an absentee at the semester-end examination, marks obtained for the continuous assessments shall be carried forward for the next semester-end examination unless the candidate opts to redo the continuous assessments. A supplementary examination may be held at the end of the semester before the beginning of next academic year.

### **Awarding the Degree**

Candidate should pass all the courses and should possess a minimum GPA of 2.7 for a total of at least 30 credits worth courses including the Project Report. A merit pass will be given if the overall average exceeds 70%.

### **Payment Plan**

The student needs to pay 60% of the course fee at the time of registration and the balance within six months of registration.

## 3.3.4 MPhil and PhD in Management

The MPhil/PhD in Management aims to produce experts whose research is of higher international quality and standards. The structured research training is offered to the students by staff who are experts in their own fields. The areas of study spans from Accounting, Business Economics, Finance, Human Resources, International Business, Management & Organization Studies, Marketing or Interdisciplinary Studies.

### Objectives/Graduate Profile

The postgraduate student who completes the degree should be able to;

- *Analyse a range of data using a range of qualitative and quantitative techniques*
- *Able to explain theories underlying different approaches to social science research.*
- *Able to characterise and solve business and management problems using advanced research tools.*
- *Able to derive policy implications from their research and communicate these to policy makers, practitioners and other academics in a manner which is comprehensible.*

### Admission requirements:

The admission requirements are according to the SLQF and shown in Annexure 1. The details of the administration of the research degrees is shown in Section 2 under Guidelines for Postgraduate studies. Candidates who registered for MPhil Degree will be given the opportunity to be upgraded to PhD after one year, based on their performance and merit.

### Course Duration:

**MPhil:** 2 years

**PhD:** 3 years

**Medium of Instruction:** English

### Course description

Semester 1	
Year 1	<ul style="list-style-type: none"> <li>• Course on Research Methodology (Compulsory for all the students.)**</li> <li>• Proposal defense for the candidates who register for the PhD in Management Studies</li> </ul>

<b>Year 1</b>	<b>Semester 2</b>
	<ul style="list-style-type: none"> <li>Develop the detailed research proposal with the assistance of the supervisor/s.</li> </ul> <p>At this point student/s will be given an opportunity to change their topic and /or the supervisor if they want to do so owing to acceptable and fair reasons</p>
<b>Year 2</b>	<b>Semester 1</b>
	<ul style="list-style-type: none"> <li>Students are expected to appear for the proposal defense.</li> </ul>
<b>Year 3</b>	<b>Semester 2</b>
	<ul style="list-style-type: none"> <li>Students are expected to proceed with their research work.</li> </ul>
<b>Year 3</b>	<b>Semester 1</b>
	<ul style="list-style-type: none"> <li>Students are expected to proceed with their research work.</li> </ul>
<b>Year 3</b>	<b>Semester 2</b>
	<ul style="list-style-type: none"> <li>Students are expected to proceed with their research work.</li> </ul>

\*\*Course Title: Research Methodology

Contact Hours: 165 Hours

The course consists of three major sections, with two sections emphasizing on teaching of related methodology and the other section on practice.

Qualitative Management Research – 45 hours

Quantitative Management Research – 45 hours

Seminars in Research Methods – 30 hours

Advanced Statistics in Research – 45 hours

The Candidate should follow the theory courses in the first Semester and obtain a pass (50%) for all of them before proceeding to the research project from Semester 2.

## **Development of the Research Proposal and conduct the research**

### **Appointment of Supervisors**

Each student enrolled in the PhD program shall be assigned an academic supervisor or supervisors (not exceeding three) by the Board of Studies in Management and Commerce. When there is more than one supervisor one shall be designated as the principal supervisor. An additional supervisor is appointed only when there is a specific requirement for a such appointment.

The doctoral research shall be consistent with the guidance provided by the academic supervisor/s. A student is required to complete a minimum of 180 hours (180hrs=2hrs x 15 weeks x 2 semesters x 3 years) of supervision with his/her supervisor.

### **Doctoral Research Proposal**

A student registered for MPhil degree and had successfully completed the compulso-

ry course in Research Methodology is required to present a detailed research proposal to the Proposal Evaluation Board at the beginning of the first semester of the Year 2. Candidates who directly register for a PhD in Management Studies must present the detailed research proposal at the beginning of the first semester of Year 1. A candidate is given two attempts to present his/her proposal to the Board. Based on the assessment of performance at the written examinations and the evaluation of the research proposal, candidates may or may not be given the opportunity to pursue their research degree.

### **PhD Seminars**

Students are required to participate / present progress in three or more seminars at the Ph.D. study level in addition to the seminar at which the PhD proposal is presented. The first such seminar will be held subsequent to the approval of the research proposal but not later than end of first semester, Year 2. Students are required to provide evidence of satisfactory progress of research at each seminar. The final seminar will be held four months prior to the submission of the doctoral thesis. It will provide an opportunity to review the research outcome and make the required corrections and revisions before final submission

### **Eligibility for Defense of the PhD/MPhil Thesis:**

Students who intend to submit their theses shall submit a statement of 'Intention to submit' in a prescribed form to the Research Coordinator of the PhD Program, 3 months prior to the date of submission with the approval of the supervisor. Once approved by the Coordinator (Research) five soft bound copies of the thesis and an electronic version should be submitted to the Deputy Registrar of the Faculty of Graduate Studies along with the approval form from the Coordinator (Research). In order to accept the thesis the following needs to be fulfilled;

- *Successful completion of recommended courses on Research Methods as certified by the Coordinator (Research)*
- *Possession of a valid registration as a student at the time of submission of the thesis*
- *Plagiarism report*

Once accepted the Faculty of Graduate will proceed with the evaluation process as detailed for other research degrees.

### **Evaluation**

In the taught courses the candidate's performance is assessed by continuous assessments during and at the end of the semester. The pass mark is 50%. The candidate is requested to pass all the taught courses before proceeding to the proposal defense. When the thesis is submitted to the Deputy Registrar/FGS it will be evaluated similar to other research degrees as shown in Section 2 of the Handbook.

### **Awarding the MPhil/PhD**

Candidate should pass all the taught courses and also pass the Viva Voce examination in

order to qualify for the award of the MPhil/PhD degree.

### **Payment Plan**

At the time of the registration the course fees for the first year need to be paid. The student is expected to register yearly and due payments need to be done at the beginning each year.





**3.4**

COURSES OFFERED BY  
**BOARD OF STUDIES IN  
MEDICAL SCIENCES**



# 3.4.1 Postgraduate Diploma Programs

## 3.4.1.1 Postgraduate Diploma in Monitoring and Evaluation

Postgraduate Diploma in Monitoring and Evaluation aims to provide specialized studies for working professionals and students seeking to gain knowledge and skills in monitoring and evaluation. It aims to enhance knowledge and develop skills required to manage Developmental Evaluations.

### Objectives/Graduate Profile

The postgraduate student who completes the diploma will be able to;

- *Be knowledgeable in monitoring and evaluation principles and techniques*
- *Design monitoring and evaluation systems*
- *Develop monitoring and evaluation plans that are based on MIS and database software*
- *Develop strategies and frameworks of monitoring and evaluation*
- *Operationalize the developed monitoring and evaluation systems*

### Professional and Employment Opportunities

As Monitoring and Evaluation officers in projects and programs in international organizations as well as government, non government and private sector organizations.

### Admission Requirements

To be eligible for admission to this program an applicant must possess a Bachelor's Degree in any discipline with two years of work experience in project management/coordination and supervision.

**Course Duration :** 1 year

**Medium of Instruction:** English

**Offering mode:** Hybrid (60% in class and 40% webinar)

### Course description

The course consists of

1. Modules
2. Assignments
3. Project/Practicum

## Modules description

Unit Number	Modules and Content	Credits
<b>MODULES</b>		<b>15</b>
MODULE 01	Introduction To Evaluation	1
MODULE 02	Theory of Change and its role in evaluation	2
MODULE 03	Evaluation Design	3
MODULE 04	Evaluation Methods and Approaches	2
MODULE 05	Quantitative Methods	2
MODULE 06	Qualitative Methods	2
MODULE 07	Evaluation Management, Standards, Norms and Ethics	1
MODULE 08	Promoting Evaluation Uses	1
MODULE 09	Evaluation Policies, Guidelines and Enabling Environment	1
<b>ASSIGNMENTS</b>		<b>05</b>
<b>PROJECT / PRACTICUM</b>		<b>10</b>
<b>TOTAL</b>		<b>30</b>

### Evaluation

It is essential to attend more than 80% of the lectures for each subject to become eligible to sit for the examination.

Candidate's performance at each course unit is assessed and graded by theory examinations, practical examinations, continuous assessments etc. during and at the end of the semester. A final exam which consists of two theory papers comprising of five structured questions in each paper will be held at the end of the course. The Research project/ Practicum will be assessed by a presentation and an oral examination. The maximum marks that can be allocated for the continuous assessment within a course unit is 30%. The pass mark is 50% for theory and practical courses.

### Repeating the course units

A candidate who is unable to sit or fail the course unit can repeat the examination. Except medical reasons the maximum mark that can be obtained is 50%. For further details please refer paragraph under "Repeating the course units" in page 29.

### Awarding the Postgraduate Diploma

Candidate should pass all the courses and should possess a minimum GPA of 2.7 for a total of at least 25 credits worth courses including the Project/Practicum. A merit pass will be given if the overall average marks exceed 70%.

### Payment Plan

The full amount of the course fee should be paid at the time of registration.

## 3.4.2 MPhil and PhD

Academic staff members in the Faculty of Medical Studies undertake a wide spectrum of research, ranging from studies in frontier basic medical science to cutting-edge clinical research. Every Department in the Faculty of Medical Sciences actively participates in the training of postgraduate research students for MPhil and PhD degrees. The study disciplines range from Anatomy, Biochemistry, Food and Nutrition, Physiology, Parasitology, Microbiology, Pharmacology, Forensic Medicine, Community Medicine, Clinical Medicine, Pediatrics, Obstetrics & Gynecology, Medical Education, Health Science, Immunology. While pre-clinical departments conduct research mainly in laboratories, clinical departments conduct research both in laboratories and in clinical settings. Research students of the Faculty enjoy the benefits of working in state-of-the-art laboratories. It is compulsory for all students to follow a 30 hour course unit on 'Research Methodology and Scientific Writing' offered by the Faculty of Graduate Studies before formulating the research proposal and proceeding with the research. The students are expected to have at least 80% attendance for the "Research Methodology and Scientific Writing" course.

### Admission Requirements of MPhil

To be eligible for admission to this program an applicant must possess one of the following qualifications;

- *MBBS with at least 2<sup>nd</sup> Class Lower Division in final or relevant examination*
- *BDS or BVSc with at least 2<sup>nd</sup> Class Lower Division*
- *Any Special Degree recognized by the UGC in a relevant subject with at least 2<sup>nd</sup> Class Upper Division.*
- *MSc/MA/MD in a relevant subject discipline or any other postgraduate professional qualifications acceptable to the Board of Study*
- *MBBS with postgraduate Diploma (at least one year)*
- *One year graduate standing with any degree (General) recognized by the UGC or professional qualifications recognized by the University Senate in relevant subjects which are acceptable to the Board of Study and pass in qualifying examination*

**Course Duration :** Two years full time

**Medium of Instruction :** English

### Payment Plan

At the registration the due fees for the first year plus other necessary fee items needs to be paid. In every subsequent year, the relevant fees for that year needs to be paid when the registration is extended.

The criteria for evaluation and other details are shown under Section 2 (Guidelines for Postgraduate Studies).

### **Admission Requirements of PhD**

To be eligible for admission to this program an applicant must possess one of the following qualifications;

- *A Masters Degree*
- *A Bachelor's Degree of SLQF Level 6 with a minimum GPA of 3 with or without qualifying examination as determined by the University*
- *A holder of Bachelors Degree Honors of SLQF Level 6 who has registered to follow a MPhil Degree may be upgraded to PhD level after a minimum period of one year provided his/her research competencies are of exceptional merit*
- *A Bachelor's Degree of SLQF level 5 with a minimum GPA of 3 and successful completion of a qualifying examination which will be conducted after completion of 30 credits equivalent to SLQF level 6 in the same or related field and register to follow an MPhil Degree may be upgraded to PhD level after a minimum period of one year provided his/her research competencies are of exceptional merit*

**Course Duration :** Three years full time

**Medium of Instruction:** English

### **Payment Plan**

At the registration the due fees for the first year plus other necessary fee items needs to be paid. In every subsequent year, the relevant fees for that year needs to be paid when the registration is extended.

The process of administration of the research degrees are shown under Section 2 (Guidelines for Postgraduate Programs).





3.5

# COURSES OFFERED BY **BOARD OF STUDIES IN MULTIDISCIPLINARY STUDIES**



# 3.5.1 Masters Degree Program

## 3.5.1.1 MSc in GIS and Remote Sensing

Geographic Information Science is the science underlying geographic concepts, applications, and systems. Geographic Information Science or Systems are used to interpret location based geographic information, which has now evolved into a sound academic discipline. In general, the term GIS describes any information system that integrates, stores, edits, analyzes, shares, and displays geographic information. GIS applications are tools that allow users to create interactive queries (user-created searches), analyze spatial information, edit data in maps, and present the results of all these operations.

### Objectives/Graduate Profile

- *Support target program beneficiaries and institutions with training, quality standards, resources and technologies enabling better awareness and application of GIS and RS for effective decision making practices,*
- *Provide an opportunity to: widen the scope for reciprocally beneficial, structural and educational development in a perspective long-term collaboration; enabling other network co-operation initiatives, furthering research and development skills, and transfer opportunities between the stakeholders and the beneficiaries of the program,*
- *Create an enabling academic, research and application environment with the state of the art technology and skills in the field of GIS and Remote Sensing.*
- *Offering a self-sustainable best practice in GIS and Remote Sensing benefiting the direct participants of the program with a view to transfer necessary experience in planning, management, rational-use of spatial information for better understanding and visualization of different phenomena*

### Professional and Employment Opportunities

Openings at both public and private sector institutes in Agriculture, Environmental Management, Urban and Regional Planning, Water Resources, Conservation, Health, Transportation, Defense and Intelligence, Forestry, Surveying, Emergency/Disaster Management, Land Administration, Civil Engineering, Community Mapping and Analysis, Marine and Coast, Energy and Climate Change, Homeland Security, Real Estate Valuation, Law Enforcement, Facilities Management, Fire Protection, Telecommunications, Electric and Gas, Water/Wastewater, Mining, Banking and Financial Services, Insurance, Elections, Media and Press, Public Work, etc

## Admission Requirements

To be eligible for admission to this program an applicant must possess one of the following qualifications;

- *A Degree from a recognized University*

**or**

## Special Enrollment

Officers in the rank of Captain and above in the Sri Lanka (SL) Army or the Equivalent ranks in the SL Navy and SL Air Force and Officers in the rank of Inspector and above in the SL Police, Who needs Professional training on the Subject area of GIS to effectively conduct specific tasks in their jobs. They should have 15 years of experience after commissioning into the captain in the SL Army or the equivalent ranks in the SL Navy, SL Air Force and Inspectorate in the SL Police.

with

A good command in both Spoken and Written English.

**Course Duration:** 2 years

**Medium of Instruction:** English

## Course Description

Course Code	Course Title	Lecture/ lab hours	Credit Value
<b>Semester - 1</b>			
GIS 1110	Fundamentals of Geographic Information Systems	45	3
GIS 1120	Fundamentals of Remote Sensing	45	3
GIS 1130	Fundamentals of GPS and Equivalent Technologies	45	3
GIS 1140	Introduction to Database Management Systems	30	2
GIS 1150	Cartography for GIS	30	2
<b>Semester - 2</b>			
GIS 1210	Advanced Technologies in GIS	45	3
GIS 1220	Digital Image Processing and Advanced Remote Sensing	45	3
GIS 1230	Advanced Database Management Systems	30	2
GIS 1240	Applications of GPS and Equivalent Technologies	30	2
GIS 1250	Fundamentals of Web GIS	30	2
GIS 1260	Geo Statistics in GIS	30	2



GIS 1270	Research Methodology and Scientific Writing	15	1
<b>Semester - 3</b>			
GIS 2110	Spatial Analysis Modeling	50	3
GIS 2120	Applications of GIS and Remote Sensing	50	3
GIS 2130	Web GIS Applications	40	3
GIS 2140	Programming in GIS	30	2
GIS 2150	Advanced Mapping Technologies	15	1
GIS 2160	Research Methodology and Scientific Reporting	15	1
GIS 2170	Seminar on Applications of GIS and Remote Sensing	15	1
<b>Semester - 4</b>			
GIS 2290	Research Project on RS and/or GIS Applications (Independent Research Thesis)**	270	18

## Evaluation

Candidate's performance at each course unit is assessed and graded through theory examinations and continuous assessments during and at the end of the semester. Each course unit will have a theory exam and continuous assessment. Continuous assessment may include individual assignments, group assignments, case analyses, critical incident analyses, term papers, midterm examinations, quizzes, practical and, oral presentations. The maximum marks that can be allocated for the continuous assessments within a course unit is 60% of total marks written or other examinations. The pass mark is 50% and candidate should pass all the course units and the Research Project.

## Repeating the course units

A candidate who is unable to sit for course unit examination can repeat the examination. Except for medical reasons the maximum mark that can be obtained is 50%. The candidate will be granted another opportunity with the next batch unless special arrangements are made by the course coordinator to conduct make up exam after releasing 3<sup>rd</sup> semester results. The details of submitting medical certificates is shown in Section 2 of this Handbook.

## Awarding the Degree

Candidate should pass all the courses and should possess a minimum GPA of 2.7 for a total of at least 60 credits worth courses including the Research Project. A merit pass will be given if the overall average exceeds 70%.

## Payment Plan

Course fee can be paid in 2 instalments; The student needs to pay 60% of the course fee at the time of registration and the balance within six months of registration.

## 3.5.2 MPhil and PhD

The admission requirements are according to the SLQF and shown in Annexure 1. The details of the administration of the research degrees is shown in Section 2 under Guidelines for Postgraduate Programs.





3.6

COURSES OFFERED BY  
**BOARD OF STUDIES IN  
PHYSICAL SCIENCES**



# 3.6.1 Postgraduate Diploma/Masters Programs

## 3.6.1.1 PGD/MSc in Industrial Mathematics

Industrial Mathematics deals with developing mathematical models, finding solutions and interpreting the results of problems that come up in industry. The main objectives of this program are to provide graduates with an adequate knowledge in Mathematics, Statistics, Operations Research and Scientific Computing, and to provide opportunities for research in applications of Mathematics to existing problems in industry. This program is essential to narrow the gap that exists between scientists in industry and mathematicians.

### Objectives/ Graduate Profile

The candidate who completes the degree will be able to;

- *Develop knowledge of modeling and data analysis and be able to critically evaluate relevant industrial mathematics and statistics from a variety of sources.*
- *Develop independent research skills through completion of supervised and mentored project work.*
- *Develop the analytical, modeling, and computational skills needed to spur advances in a range of industrial areas.*
- *Develop knowledge in numerical methods, modeling, and discrete math, and select from elective coordinated modules in engineering/science topics such as electrical engineering, bioengineering, physics, and computer science.*
- *To be sound in communication and business skills that prepare the student to work in multidisciplinary teams and take leadership roles in the corporate world.*

### Professional and Employment Opportunities

Careers as teachers and lecturers, in computational fields, banks and businesses. Opportunities in research institutes and institutes promoting new technologies.

### Admission requirements

This is the same for both the Post Graduate Diploma and the Masters Degree. To be eligible for admission to this program an applicant must possess one the following qualifications;

- *Bachelors Degree with Mathematics as a component preferably BSc(Special) Mathematics, Statistics, Computer Science,*

**or**

- *BSc (Physical Science)*

**or**

- *BSc (Engineering)*

Proficiency in English is important as English will be the medium of instructions for the program. A written examination and/or an interview will be held to select the candidates for the program.

### **PGD in Industrial Mathematics**

**Course Duration:** One year

**Medium of Instruction:** English

#### **Course Description**

Course Code	Course Title	Lecture hours	No. of Credits
<b>Semester I</b>			
IM511 2.0	Foundation for Industrial Mathematics	30	2
IM512 3.0	Numerical Analysis	45	3
IM513 3.0	Ordinary and Partial Differential Equations	45	3
IM514 2.0	Computational Mathematics	30	2
IM515 3.0	Foundation for Industrial Statistics	45	3
IM516 2.0	Optimisation	30	2
<b>Semester II</b>			
IM521 3.0	Operational Research	45	3
IM523 3.0	Mathematical Modeling I	45	3
IM524 3.0	Graph Theoretic Applications	45	3
IM525 3.0	Applied Regression Analysis	45	3
IM526 3.0	Design of Industrial Experiments	45	3
<b>Total</b>			<b>30</b>

#### **Evaluation**

Candidate's performance at each course unit is assessed and graded by theory examinations and continuous assessments during and at the end of the semester. The continuous assessments should be limited to the maximum of 50% of the total marks when it is combined with written or other examinations.

### Repeating the course units

A candidate who is unable to sit for course unit examination or fail a course unit can repeat the examination. Except for medical reasons the maximum mark that can be obtained is 50%. Three attempts will be granted to repeat an examination.

### Awarding the Postgraduate Diploma

Candidates who have obtained a minimum GPA of 2.7 for a total of at least 25 credit worth courses shall be awarded the Postgraduate Diploma in Industrial Mathematics.

In calculating the GPA only the courses for which candidate has secured a C grade or above will be taken into consideration.

Candidates who have obtained an overall average exceeding 70% in addition to the requirements mentioned above shall be awarded a merit pass.

### Payment Plan

The full amount of the course fee should be paid at the time of registration.

## MSc in Industrial Mathematics

**Course Duration:** 2 years

**Medium of Instruction:** English

### Course Description

Course Code	Course Title	Lecture hrs.	No. of Credits
<b>Semester I</b>			
IM511 2.0	Foundation for Industrial Mathematics	30	2
IM512 3.0	Numerical Analysis	45	3
IM513 3.0	Ordinary and Partial Differential Equations	45	3
IM514 2.0	Computational Mathematics	30	2
IM515 3.0	Foundation for Industrial Statistics	45	3
IM516 2.0	Optimisation	30	2
<b>Semester II</b>			
IM521 3.0	Operational Research	45	3
IM523 3.0	Mathematical Modeling I	45	3
IM524 3.0	Graph Theoretic Applications	45	3
IM525 3.0	Applied Regression Analysis	45	3
IM526 3.0	Design of Industrial Experiments	45	3

<b>Semester III</b>			
IM531 2.0	Numerical Methods for Ordinary and Partial Differential Equations	30	2
IM532 3.0	Applied Time Series Analysis, Stochastic Processes and Statistical Quality Control	45	3
IM533 2.0	Mathematical Modeling II	30	2
IM534 2.0	Special Topics in Industrial Mathematics	30	2
IM535 2.0	Special Topics in Industrial Statistics	30	2
<b>Semester IV</b>			
IM541 3.0	Seminar*	45	3
IM542 1.0	Technical Writing Skills	15	1
IM551 2.0	MSc Thesis		20
<b>Total requirement for MSc</b>		<b>675</b>	<b>65</b>

\* Compulsory to obtain a minimum grade of B

Scholarships: There is a scholarship available for this program, Weerakoon Watugala Scholarship will be given to the best merit holder. The Weerakoon Watugala Gold Medal will be given for the student with highest GPA obtained for course work.

### Evaluation

Candidate's performance at each course unit is assessed and graded by theory examinations and continuous assessments during and at the end of the semester. Maximum marks that can be obtained is 50% for the continuous assessments with written or other examinations.

The pass mark is 50%. A student should obtain B pass (55% or above) for the Seminar and the Research Project/Thesis.

### Repeating the course units

A candidate who is unable to sit or fail the course unit can repeat the examination. Except medical reasons the maximum mark that can be obtained is 50%. For further details please refer paragraph under "Repeating the course units" in page 29.

### Awarding the MSc Degree in Industrial Mathematics

Candidates who have obtained a minimum GPA of 3.0 for the total of 45 credits (excluding thesis) at the end of the semester IV of the course with B Grades for the Seminar and for the Thesis who also satisfy the condition given below shall be awarded the MSc Degree in Industrial Mathematics.

In calculating the GPA only the courses for which candidate has secured a C grade or above will be taken into consideration.



Candidates who have obtained overall average exceeding 70% in addition to requirements mentioned above shall be awarded a merit pass.

### Payment Plan

The full amount of the course fee should be paid at the time of registration.

#### 3.6.1.2 PGD/MSc in Industrial Analytical Chemistry

Chemical analysis plays a vital role in all aspects of life. There is an increasing demand for qualified analytical chemists throughout the world. The MSc/Diploma program in Industrial Analytical Chemistry introduces analytical chemistry skills that is required in different industrial disciplines including chemical, pharmaceutical, bio-analytical, forensic, food and environmental monitoring applications.

The practice of analytical chemistry has now become an integral and essential component in many diverse spheres such as Food & Beverage industry, Pharmaceutical industry, Health care & medical technology, Environmental control, Electrochemical technology, Agriculture, etc. Many of the underlying principles of Analytical Chemistry can be seen routinely in analysis in many areas such as quality control, research and development work, manufacturing processes, and in industry, university, and other research laboratories.

The objective of the M.Sc./Diploma program in Industrial Analytical Chemistry is to deliver the analytical chemistry skills involved in different industrial disciplines for young graduates as well as for working professionals.

The program comprises a broad range of modules covering all the major analytical techniques, complemented by studies in transferable and professional skills, with the option to study aspects of medicinal and pharmaceutical chemistry if desired.

Study areas include research methods, separation techniques, mass spectrometry and associated techniques, spectroscopy and structural analysis, sensors, pharmacokinetics and drug metabolism, drug targets, drug design and drug synthesis and innovations in analytical science.

### Objective/ Graduate Profile

The postgraduate student who completes the degree will be able to;

- *Understand the nature of a given problem, clearly use a variety of analytical methodologies and techniques – both classical and instrumental – to obtain accurate and precise measurements of the system,*
- *Operate and maintain analytical instruments,*
- *Calculate the final result of an analysis together with the associated errors*
- *Interpret the results to arrive at appropriate conclusions.*
- *Gather experience in nano technologies, separation science and the latest*

*techniques in mass spectrometry.*

- *Aquire a sound background in chemistry with a basic training in analytical aspects, a sound hands-on experience together with advanced principles of analytical chemistry*

### Professional and Employment Opportunities

Opportunities for senior positions in all laboratories including international labs. Qualification for higher positions in public sector such as Industrial & Crop Research Institute, Sri Lanka Scientific Service etc and in private sector manufacturing enterprises

### Admission Requirements:

The requirements for Postgraduate Diploma and Masters Degree are the same.

To be eligible for admission to this program an applicant must possess one of the following qualifications;

- *BSc in Sciences including Chemistry as a subject*
- *BSc in Pharmacy (with a minimum of 30 credits in Chemistry)*
- *BPharm (with a minimum of 30 credits in Chemistry)*

The proficiency in English language is mandatory as the course is conducted in English

### Post Graduate Diploma in Industrial Analytical Chemistry

**Course Duration:** One year

**Medium of Instruction:** English

#### Description of the Course

Course Code	Course Title	Lecture /lab hours	Credit value
<b>First Year</b>			
<b>Taught Components</b>		<b>435</b>	<b>29</b>
IAC 501 3.0	Analytical principles and instrumentation I		3
	Acid/base, precipitation, redox, complexometric equilibria & titrations	15	
	Sampling techniques and data analysis/statistics	15	
	Elementary electronics and optics	15	
IAC 502 3.0	Analytical principles and instrumentation II		3
	Spectroscopic techniques	45	
IAC 503 3.0	Analytical principles and instrumentation III		3
	Chromatographic techniques	15	
	Surface analytical techniques	15	

	Electro analytical techniques	15	
IAC 504 3.0	Analytical techniques in biomedical and pharmaceutical applications I		3
	Bio-molecules analysis	15	
	Pharmaceutical analysis	15	
	Analysis and standardization of pharmaceutical and herbal products	15	
IAC 505 2.0	Analytical techniques in biomedical and pharmaceutical applications II		2
	Computational drug design & discovery	15	
	Laboratory diagnosis of diseases	15	
IAC 506 2.0	Forensic analytical chemistry and applications		2
	Analytical techniques in forensic toxicology	15	
	Serology/DNA and trace analysis	15	
IAC 507 2.0	Analytical techniques in agriculture and food science		2
	Soil and agrochemical analysis	15	
	Analytical tools to assure food quality	15	
IAC 508 3.0	Material characterization and analysis I		3
	Analytical chemistry of polymers and colloids	15	
	Analytical techniques in ceramics	15	
	Analytical tools in fabric technology	15	
IAC 509 2.0	Material characterization and analysis II		2
	Analytical tools for nano-science	15	
	Petrochemical analysis	15	
IAC 510 2.0	Environmental analysis I		2
	Analytical tools in water and air quality	15	
	Waste management	15	
IAC 511 2.0	Environmental analysis II		2
	Green chemistry	15	
	Cleaner production	15	
IAC 512 2.0	Taught Component – auxiliary		2
	Quality Management and Process Improvement	15	
	Laboratory Quality Management Systems and Accreditation	15	
<b>Non taught component</b>			
IAC 514 4.0	Laboratory Practical	180	4
<b>Total</b>			<b>33</b>

## Evaluation

It is necessary to maintain 80% or higher attendance for theory and practical sessions to become eligible to sit for the examination.

Candidate's performance at each course unit is assessed and graded through theory examinations and practicals/continuous assessments during and at the end of the semester. Continuous assessment may include practicals, case studies and oral presentations. Maximum marks that can be obtained is 50% for the continuous assessments with written or other examinations.

The pass mark is 50% and candidate should pass all the course units and research project. Final research project report will be evaluated by two faculty members/experts in the relevant area separately and the viva will be graded by the same members in the presence of the coordinator and the supervisor/s.

## Repeating the course units

A candidate who is unable to sit or fail the course unit can repeat the examination. Except medical reasons the maximum mark that can be obtained is 50%. Only three attempts will be granted to repeat an examination.

## Awarding the Diploma

Candidate should pass all the courses and should possess a minimum GPA of 3 for a total of at least 25 credits worth courses A merit pass will be given if the overall average exceeds 70%.

## Payment Plan

The full amount of the course fee should be paid at the time of registration.

## MSc in Industrial Analytical Chemistry

**Course Duration:** 2 years

**Medium of Instructions:** English

### Course Description

Course Code	Course Title	Lecture/ lab hours	Credit value
<b>First Year</b>			
<b>Taught Components</b>		<b>435</b>	<b>29</b>
IAC 501 3.0	Analytical principles and instrumentation I		3
	Acid/base, precipitation, redox, complexometric equilibria & titrations	15	
	Sampling techniques and data analysis/statistics	15	

	Elementary electronics and optics	15	
IAC 502 3.0	Analytical principles and instrumentation II		3
	Spectroscopic techniques	45	
IAC 503 3.0	Analytical principles and instrumentation III		3
	Chromatographic techniques	15	
	Surface analytical techniques	15	
	Electro analytical techniques	15	
IAC 504 3.0	Analytical techniques in biomedical and pharmaceutical applications I		3
	Bio-molecules analysis	15	
	Pharmaceutical analysis	15	
	Analysis and standardization of pharmaceutical and herbal products	15	
IAC 505 2.0	Analytical techniques in biomedical and pharmaceutical applications II		2
	Computational drug design & discovery	15	
	Laboratory diagnosis of disease	15	
IAC 506 2.0	Forensic analytical chemistry and applications		2
	Analytical techniques in forensic toxicology	15	
	Serology/DNA and trace analysis	15	
IAC 507 2.0	Analytical techniques in agriculture and food science		2
	Soil and agrochemical analysis	15	
	Analytical tools to assure food quality	15	
IAC 508 3.0	Material characterization and analysis I		3
	Analytical chemistry of polymers and colloids	15	
	Analytical techniques in ceramics	15	
	Analytical tools in fabric technology	15	
IAC 509 2.0	Material characterization and analysis II		2
	Analytical tools for nano-science	15	
	Petrochemical analysis	15	
IAC 510 2.0	Environmental analysis I		2
	Analytical tools in water and air quality	15	
	Waste management	15	
IAC 511 2.0	Environmental analysis II		2
	Green chemistry	15	

	Cleaner production	15	
IAC 512 2.0	Taught Component – auxiliary		2
	Industrial and Quality Management	15	
	ISO 9001:2008 and ISO 14000 standards and applications	15	

### Non taught component

IAC 514 4.0	Laboratory Practicals	180	4
<b>Total (1<sup>st</sup> Year)</b>		<b>615</b>	<b>33</b>

### Second Year

IAC 514 2.0	Seminars	180	4
IAC 515 20.0	Research project based on an industrial problem	1 year	20
IAC 516 7.0	Case Studies		7
IAC 517 1.0	Academic skills- Scientific writing and academic presentation	15 (2 day workshop)	1
<b>Total (Second Year)</b>			<b>32</b>
<b>Grand Total for the Masters Degree</b>			<b>65</b>

### Evaluation

It is necessary to maintain 80% or higher attendance for theory and practical sessions to become eligible to sit for the examination.

Candidate's performance at each course unit is assessed and graded through theory examinations and practicals as continuous assessments, seminar, case studies etc. during and at the end of the semester. Each course unit will have a theory exam and continuous assessment. Maximum marks that can be obtained is 50% for the continuous assessments with written or other examinations.

The pass mark is 50% and candidate should pass all the course units including seminar, case studies and research project. Final research project report will be evaluated by two faculty members/experts in the relevant area separately and the viva will be graded by the same members in the presence of the coordinator and the supervisor/s.

### Repeating the course units

A candidate who is unable to sit or fail the course unit can repeat the examination. Except medical reasons the maximum mark that can be obtained is 50%. Only three attempts will be granted to repeat an examination.

### Awarding the Degree

Candidate should pass all the courses and should possess a minimum GPA of 3 for a total of at least 60 credits worth courses including the Research Project. A merit pass will be

given if the overall average marks exceed 70%.

### **Payment Plan**

The full amount of the course fee should be paid at the time of registration.

### **3.6.1.3 PG Certificate/PGD and Masters Degree in Applied Statistics**

Statistics is an extremely diverse discipline, which has applications in almost every scientific field. It offers a wide range of career opportunities in many fields such as Agriculture, Education, Medicine, Biological Sciences, Economics, and Marketing etc. Professionals in such fields require sound knowledge in applied statistics in order to solve their statistical problems in practical situations. By studying statistics, students gain knowledge in understanding, designing and carrying out statistical research in a broad range of fields.

#### **A) Postgraduate Certificate in Applied Statistics**

The main objective of the Postgraduate Certificate program in Applied Statistics is to provide professionals from various fields with a basic knowledge in Applied Statistics. Those who complete the program successfully will be capable of solving statistical problems arising in practical situations in a broad range of fields. For example, following successful completion of the course the student will be able to design surveys/experiments and analyse the data.

#### **Objective / Graduate Profile**

The candidate who complete the degree will be able to;

- *Acquire essential theoretical knowledge in statistics,*
- *Acquire knowledge in applications of statistics and training in data analysis in various fields,*
- *Gain higher educational qualifications required for the promotions and carrier development.*

#### **Professional and Employment Opportunities:**

Advancement in careers in census and statistics field, opportunities to enter banking sector including the Central Bank of Sri Lanka. The graduate in this field will have numerous options as the country's monitoring, reviewing and valuation processes advance.

#### **Admission Requirements:**

The Postgraduate Certificate program in Applied Statistics requires a Bachelors Degree in any field of study from a recognized university or an equivalent institution. An adequate mathematical knowledge is recommended.

**Course Duration:** One Year

**Medium of Instruction:** English

### Course Description

Code of course unit	Name/Description of course unit	Duration (Hours)	Credit Value
STA 501 1.0	Descriptive Statistics	15.0	1.0
STA 502 2.0	Probability and Distribution Theory	30.0	2.0
STA 503 1.5	Sampling Techniques	22.5	1.5
STA 504 2.0	Statistical Inference	30.0	2.0
STA 505 1.5	Medical Statistics	22.5	1.5
STA 506 2.0	Linear Regression Analysis	30.0	2.0
STA 507 1.0	Nonparametric Statistics	15.0	1.0
STA 508 1.5	Survival Analysis	22.5	1.5
STA 509 2.0	Introduction to Design and Analysis of Experiments	30.0	2.0
STA 510 2.0	Categorical Data Analysis	30.0	2.0
STA 511 1.5	Applied Multivariate Analysis	22.5	1.5
STA 512 2.0	Data Analysis	30.0	2.0
<b>Postgraduate Certificate: Total</b>		300	20

### Evaluation

The students can obtain minimum C for course units worth of at most 5 credits (out of 20 credits). However, they should obtain minimum B- for all the remaining course units and meet the minimum overall average GPA requirement of 2.7.

### Repeating the course units

A candidate who is unable to sit or fail the course unit can repeat the examination. Except medical reasons the maximum mark that can be obtained is 50%.

### Payment Plan

The full amount of the course fee should be paid at the time of registration.



## B) Postgraduate Diploma/MSc (by course work) and MSc (by course work and research) in Applied Statistics

The main objective of the above programs in Applied Statistics is to provide graduates from a related field with an opportunity to further develop their knowledge in Applied Statistics. Therefore, those who complete the program successfully will gain knowledge on some advanced statistical theory, as well as extensive training in statistical data analysis and statistical computing.

### Objective/ Graduate Profile

The postgraduate student who completes the degree will be able to;

- *Acquire essential theoretical knowledge in statistics,*
- *Acquire knowledge in applications of statistics and training in data analysis required by graduate employees in various fields,*
- *Conduct independent research and write up the work*
- *Gain higher education qualifications required for their promotions and career development.*

### Admission Requirements

The Postgraduate Diploma/M.Sc. programs in Applied Statistics require a Bachelors Degree with statistics and/or mathematics or a related discipline from a recognized university or an institution recognized by UGC.

### Course Duration:

One year for Post Graduate Diploma;  
1.5 years for MSc by course work  
2 years for MSc by course work and research

**Medium of Instruction:** English

### Course Description

Course Units of the Postgraduate Diploma/MSc Degree programs in Applied Statistics

Code of course unit	Name/Description of course unit	Duration (Hours)	Credit Value ( $C_i$ )
<b>Part 1</b>			
STA 513 2.0	Time Series Analysis	30	2
STA 514 2.0	Advanced Design and Analysis of Experiments	30	2
STA 515 2.0	Statistical Quality Assurance	30	2
STA 516 2.0	Bayesian Statistics	30	2
STA 517 1.5	Programming in R	22.5	1.5
STA 518 2.0	Actuarial Statistics	30	2
STA 519 2.0	Advanced Regression Analysis	30	2

STA 520 2.0	Data Mining	30	2
STA 521 2.0	Advanced Multivariate Statistics	30	2
STA 522 2.0	Advanced Distribution Theory	30	2
STA 523 2.0	Linear Models	30	2
STA 524 2.0	Advanced Data Analysis	30	2
STA 525 1.5	Statistical Computing	22.5	1.5
<b>Part 2</b>			
STA 526 2.0	Generalized Linear Models	30	2
STA 527 2.0	Sampling Theory	30	2
STA 528 1.0	Seminar	15	1
<b>Part 3</b>			
STA 529 1.0	Research methodologies	15	1
STA 530 30.0	Research Project	2700	30
<b>Total</b>			<b>61</b>
Postgraduate Diploma: Total number of lecture hours is 375. Total number of credits is 25 (all the course units in Part 1)			
MSc Program by Coursework (Plan B): Total number of lecture hours is 450. Total number of credits is 30 (all the course units in Parts 1 and 2).			
MSc Program by Coursework and Research (Plan A): Total number of lecture hours is 450. Expected time spent for the research project is $90 \times 30 = 2700$ notional hours. Total number of credits is 60 (all the course units in Parts 1 and 3 and courses worth of 4 credits from Part 2).			

## Evaluation

The students who are following the Postgraduate Diploma can obtain minimum C for course units worth of at the most five credits (out of 25 credits). However, they should obtain minimum B- for all the remaining course units and meet the minimum overall average GPA requirement for Postgraduate Diploma which is 2.7.

The students who are following a M.Sc. program can obtain minimum C for course units (non-research) worth of at most five credits (out of 30 credits). However, they should obtain minimum B- for all the remaining course units (non-research) and meet minimum GPA requirement of 3 for both M.Sc. by course work program. The students who are following the M.Sc. by course work and research program should obtain a GPA of 3 or above for the research project as well as overall GPA of 3.

## Repeating the course units

A candidate who is unable to sit or fail the course unit can repeat the examination. Except medical reasons the maximum mark that can be obtained is 50%.

## Payment Plan

The full amount of the course fee should be paid at the time of registration.

### 3.6.1.4 PG Certificate/PGD and Masters Degree in Computer Science

Computing is an essential part of twenty first century life, and is rapidly developing subject area that gives rise to a range of interesting and challenging problems. To solve these problems, skill knowledgeable and versatile scientists who have a firm grasp of the fundamental concepts as well as in-depth knowledge of specific areas such as intelligent computing, software engineering, mobile technologies, multimedia technologies, network, and web technologies are needed.

#### Objectives / graduate profile

The postgraduate student who completes the degree will be able to;

- *Obtain a good grasp of core contents of Computer Science which any professional in the subject is expected to know.*
- *Foster logical and analytical thought, independent study, self-motivation and communication skills both written and verbal.*
- *Gain practical experience of computing, using modern hardware and software, in order to provide motivation for and deeper understanding of material taught in formal lectures.*
- *Acquire a sound knowledge in both theory and practice in Computer Science, including current emerging technologies and experimental learning.*

#### Professional and Employment Opportunities

Wide openings in private sector and multinationals as well as internationally as computer based business applications are needed everywhere.

#### Admission Requirements

The students who wish to register to the course should have one of the following qualifications;

- A Bachelors Degree in Computer Science, Computer Engineering, Software Engineering, In-formation Technology, Information and Communication Technology, Information Systems, Physical Sciences or Engineering from a recognized university

**or**

- Any other degree with 30 credits in computing from a recognized university

**and**

- A good working knowledge of English is a must

**Course Duration:** 2 years  
**Medium of Instruction:** English

### Course Description

Semester	Course Code	Course Name	No of Credits	Lecture Hours
<b>Foundation Courses</b>				
1	CSC 501 0.0	Mathematics for Computing (f)	0.0	23
1	CSC 502 0.0	Statistics for Computing (f)	0.0	22
1	CSC 503 0.0	Computer Applications Laboratory (f)	0.0	15
<b>Total</b>			<b>0.0</b>	<b>75</b>
<b>First Year</b>				
1	CSC 504 1.5	Computer Architecture (c)	1.5	23
1 & 2	CSC 505 3.0	Computer Programming (c)	3.0	45
1 & 2	CSC 506 1.0	Computer Programming Laboratory (c)	1.0	15
1	CSC 507 1.0	Object Oriented Analysis and Design (c)	1.0	15
1	CSC 508 1.5	Operating Systems (c)	1.5	23
2	CSC 509 1.5	Software Engineering (c)	1.5	22
2	CSC 510 2.0	Database Management Systems (c)	2.0	30
2	CSC 511 1.5	Computer Networks (c)	1.5	22
2	CSC 512 2.0	Data Structures and Algorithms (c)	2.0	30
2	CSC 513 2.0	Web Programming (c)	2.0	30
2	CSC 514 1.5	Computer Graphics and Animations (c)	1.5	22
2	CSC 515 1.5	Mobile Computing (c)	1.5	23
<b>Total</b>			<b>20.0</b>	<b>300</b>
<b>Second Year</b>				
3	CSC 601 1.0	Academic Writing (o)	1.0	15
3	CSC 602 2.0	Artificial Intelligence (o)	2.0	30
3	CSC 603 2.0	Nature Inspired Algorithms (o)	2.0	30
3	CSC 604 2.0	E-commerce (o)	2.0	30
3	CSC 605 2.0	Digital Image Processing (o)	2.0	30
3	CSC 606 2.0	Multimedia Technology (o)	2.0	30
3	CSC 607 2.0	Computer Security (o)	2.0	30
3	CSC 608 2.0	Bioinformatics (o)	2.0	30
3	CSC 609 2.0	Robotics Applications (o)	2.0	30

3	CSC 610 2.0	Machine Learning (o)	2.0	30
3	CSC 611 2.0	Embedded Systems and IOT (o)	2.0	30
3	CSC 612 2.0	Natural Language Processing (NLP) (o)	2.0	30
3	CSC 613 1.0	Special Topics in Computer Science (o)	1.0	15
<b>Total</b>			<b>10.0</b>	<b>150</b>
<b>4</b>		<b>MSc Thesis</b>	<b>30.0</b>	<b>450</b>

*f* - foundation course unit, *c* - core course unit, *o* - optional course units

## Evaluation

Candidate's performance at each course unit is assessed and graded through theory examinations and continuous assessments during and at the end of the semester. The pass mark is 50% and candidate should pass all the course units.

## Repeating the course units

A candidate who is unable to sit for course unit examination or fail any course unit can repeat the examination. Except for medical reasons the maximum mark that can be obtained is 50%.

### A. Awarding the MSc Degree by course work only;

(a) For a GPA of not less than 2.7 for 30 credits (that should include 20 credits from the first two semesters and 10 credits from the third semester) at the end of the third semester of the program and

(b) A 'C' or higher grade for each foundation course unit.

*Those who obtain a GPA of not less than 3.5 for 30 credits (that should include 20 credits from the first two semesters and 10 credits from the third semester) at the end of the third semester of the program and obtain a 'C' or higher grade for each foundation course unit will be awarded a merit pass.*

### B. For the MSc by course work and research;

(a) A GPA of not less than 2.7 for 30 credits (that should include 20 credits from the first two semesters and 10 credits from the third semester) at the end of the third semester of the program and

(b) A 'B' or higher grade for the MSc thesis

(c) A 'C' or higher grade for each foundation course unit.

*Those who obtain a GPA of not less than 3.5 for 30 credits (that should include 20 credits from the first two semesters and 10 credits from the third semester) at the end of the third semester of the program and obtain a 'B+' or higher grade for her thesis and obtain a 'C' or higher grade for each foundation course unit will be awarded a merit pass.*

**C.** For the postgraduate diploma in Computer Science

(a) A GPA of not less than 2.7 for 25 credits (that should include 20 credits from the first two semesters and 5 credits from the third semester) at the end of the third semester of the program and

(b) A 'C' or higher grade for each foundation course unit.

**D.** For the Postgraduate Certificate in Computer Science.

(a) A GPA of not less than 2.7 for 20 credits of the first two semesters of the program and

(b) A 'C' or higher grade for each foundation course unit.

**Payment Plan**

The full amount of the course fee should be paid at the time of registration.

## 3.6.2 Masters Degree Programmes

### 3.6.2.1 MSc in Polymer Science and Technology

The invention of new products and new applications have made polymer science and technology an important cross cutting discipline in the related fields. The lack of adequate personnel for optimization of the use of polymer products for national development is a major issue to be addressed for the development of the country. Non availability of adequate number of professionals in polymer science had prevented the country to move rapidly for effective use of the new technologies in polymer applications. The course is developed and offered to fill the long felt need in this area

#### Objectives / Graduate Profile

The postgraduate student who completes the degree will be able to;

- *Understand the concepts in polymer chemistry, polymer physics, polymer engineering and polymer technology.*
- *Understand ways to tune polymers to achieve relevant properties of the expected final product.*
- *Get in depth understanding in novel developments/research areas in Polymer Science and Technology*
- *Learn basics of interdisciplinary areas that strengthen the skills of polymer scientists/technologists.*
- *Obtain hands on experience in areas of polymer science and technology.*

#### Professional and Employment Opportunities

This is a fast growing field and new inventions are developed almost every day. Opportunities will be there in private sector manufacturing industries including multinationals and internationals.

#### Admission Requirements

To be eligible for admission to this program an applicant must possess following qualifications;

- a. B.Sc. Degree with Chemistry or B. Sc. Degree with Chemical Engineering or an equivalent qualification from a recognized higher education institution or an equivalent professional qualification.
- b. Special Enrollment for a limited number of candidates with NDT Certificate and 5 years of working experience in executive capacity in rubber and plastics sector.

**Course Duration:** 2 years

**Medium of Instruction:** English

### Course Description

Course Code	Course Title	Lecture/ lab hours	Credit value
<b>First Year</b>			
<b>Module 1: Polymer Science</b>			
MPST 501 2.0	Introduction to polymers	30	2
MPST 502 1.0	Degradation and Stabilization of polymers	15	1
MPST 513 1.0	Identification and Analysis of Polymers	15	1
MPST 512 1.0	Industrially Important Polymers	15	1
MPST 532 1.0	Rubber based Industries in Sri Lanka	15	1
<b>Module 2: Polymer Technology</b>			
MPST 508 2.0	Rubber Technology	30	2
MPST 509 1.0	Latex Technology	15	1
MPST 510 2.0	Plastic Technology	30	2
MPST 511 1.0	Paints, Colloids and Surface coatings	15	1
<b>Module 3: Polymer Physics</b>			
MPST 503 1.0	Polymer physics	15	1
MPST 504 2.0	Polymer rheology	30	2
MPST 505 2.0	Polymer Kinetics & Thermodynamics	30	2
MPST 506 1.0	Properties and Characterization of Polymers	15	1
<b>Module 4: Polymer Engineering</b>			
MPST 531 4.0	CAD designing	60	4
MPST 515 1.0	Process Engineering	15	1
MPST 526 1.0	Advanced materials & technology	15	1
<b>Module 5: Modern advances in Polymer Science and technology</b>			
MPST 507 1.0	Polymer Composites and Blends	30	2
MPST 518 1.0	Environment and polymer industry	15	1
MPST 517 1.0	Cleaner production & sustainability management	15	1
MPST 527 1.0	Modeling and simulations	15	1
MPST 514 1.0	Quality Assurance & ISO systems	15	1



<b>Module 6: Management</b>			
MPST 519 1.0	Intellectual properties	15	1
MPST 520 1.0	Statistics	15	1
MPST 521 1.0	Industrial and operational management	15	1
MPST 522 1.0	Financial management and accounting	15	1
MPST 523 1.0	Marketing	15	1
<b>Module 7</b>			
MPST 528 2.0	Practical	90	2
<b>Second year</b>			
MPST 529 1.0	Seminars		2
MPST 530 20.0	Research project		30
<b>Grand total</b>	<b>(literature presentation, research ability, thesis, final presentation, and viva examination)</b>		<b>69</b>

## Evaluation

Candidate's performance at each course unit is assessed and graded through theory examinations, practicals and continuous assessments during and at the end of the semester. Continuous assessment may include seminars, field visits and oral presentations.

The pass mark is 50% and candidate should pass all the course units including seminar, field visits and thesis.

## Repeating the course units

A candidate who is unable to sit or fail the course unit can repeat the examination. Except medical reasons the maximum mark that can be obtained is 50%. For further details please refer paragraph under "Repeating the course units" in page 29.

## Awarding the Degree

Candidate should pass all the courses and should possess a minimum GPA of 2.7 for the taught courses and GPA 3 for the research project/thesis. An overall GPA of 3 is required to award the degree.

## Payment Plan

The full amount of the course fee should be paid at the time of registration.

## 3.6.3 MPhil and PhD

MPhil and PhD degree are offered in following subject areas: Chemistry, Mathematics, Physics, Statistics and Computer Science, Information System etc. The admission requirements are in accordance with the SLQF and shown in Annexure 1. The details of the administration of the research degrees is shown in Section 2 under Guidelines for Postgraduate Programs.

### **Payment Plan**

At the registration the due fees for the first year plus other necessary fee items needs to be paid. In every subsequent year the relevant fees for that year needs to be paid when the registration is extended.





**3.7**

COURSES OFFERED BY  
**BOARD OF STUDIES IN  
SOCIAL SCIENCES**



# 3.7.1 Postgraduate Diploma Program

## 3.7.1.1 PGD in Criminology and Criminal Justice

The Department of Criminology and Criminal Justice at the University of Sri Jayewardenepura is dedicated to enhance the quality of graduates by creating various educational avenues similar to the Postgraduate Diploma in Criminology and Criminal Justice.

### Objectives/Graduate Profile

The postgraduate student who completes the degree will be able to;

- *Upgrade the theoretical knowledge of Criminology and Criminal Justice;*
- *Facilitate and promote crime control and prevention strategies;*
- *Identify crime patterns and spatial distribution of crimes and*
- *Reduce the fear of crime prevailing in a given community.*

### Professional and Employment Opportunities

Employees in the fields of police, prisons, probation, excise, armed forces and the judicial services will be highly benefited as this Diploma has gained a recognition in their respective promotion schemes. The knowledge gained in the Diploma will be highly beneficial to those who would like to seek employment in the police, prisons, probation, excise, armed forces and the judicial service related area.

### Admission Requirements

To be eligible for admission to this program an applicant must possess one of the following qualifications;

- *Bachelor's Degree with 30 credits in the subject areas including criminology, criminal justice.*
- *Bachelor's Degree and work experience in the fields of police, prisons, excise, armed forces, judicial service and other related fields*

**Course Duration:** One year

**Medium of Instruction:** Sinhala and English

## Course Description

Course Code	Course Title	Credit Value
DCC 101	Theories and Concepts of Criminology and Criminal Justice	03
DCC 102	Research Methods in Criminology and Criminal Justice (quantitative and qualitative)	03
DCC 103	Crime Prevention and Crime Control (the role of the Police and Prison)	03
DCC 104	Criminal Law and Human Rights	03
DCC 105	Counseling & Conflict Resolution	03
DCC 106	Buddhist Jurisprudence (the theme of crime and punishment)	02
DCC 107	Forensic Science and Forensic Medicine	02
DCC 108	Independent Research Report (not exceeding 10,000 words)	02
DCC 109	Geographic Information System & Crime in Sri Lanka	02
DCC 110	Human Resource Management for Justice Administration	02
<b>Total credits</b>		<b>25</b>

### Evaluation

Candidate's performance at each course unit is assessed and graded through theory examinations and continuous assessments during and at the end of the semester. Maximum marks that can be obtained is 30% for the continuous assessments with written or other examinations.. The pass mark is 50% and candidate should pass all the course units.

### Repeating the course units

A candidate who is unable to sit or fail the course unit can repeat the examination. Except medical reasons the maximum mark that can be obtained is 50%. For further details please refer paragraph under "Repeating the course units" in page 29.

### Awarding the Post Graduate Diploma

Candidate should pass all the courses and should possess a minimum GPA of 2.7 for a total of at least 25 credits worth courses. A merit pass will be given if the overall average exceeds 70%.

### Payment Plan

The full amount of the course fee should be paid at the time of registration.

## 3.7.2 Masters Degree Programs

### Three types of Masters Degrees are offered;

- One Year Masters Degree With Teaching and Project Report
- Two Year Masters With Teaching and a Research Component
- Two Years Masters Degree by Research

#### 3.7.2.1 One year Masters Degree in Sociology

This program is an opportunity for the students to apply sociological perspectives and methods for analyzing social realities, grounded in a strong theoretical and substantive understanding of social institutions, social relations and social policies. Furthermore, it enhances the advanced research and data analytic skills of the students, making them effective and experienced practitioners in the field of applied social research, pave the pathway to continue into doctoral studies in the field.

#### Objectives/Graduate Profile

The postgraduate student who completes the degree will be able to;

- *Enhance knowledge on the evolving theories of sociology in the current environment*
- *Apply sociological theories effectively in understanding problems of the society and develop solutions to resolve them.*
- *Develop the skill of designing, conducting, analyzing and interpretation of data with modern technologies in sociological research*
- *Work in groups and other external resource persons.*

#### Professional and Employment Opportunities

After graduating the students has the potential to get employed as probation officers, project mobilizers, social workers, sociologists, counselors, community development officers, researchers, field offices, child protection officers, planning officers. This One Year Master's Degree in Sociology has gained a recognition in these respective professional schemes.

## Admission Requirements

To be eligible for admission to this program an applicant must possess one of the following qualifications;

- *A Bachelors Degree, including 30 credits in the relevant subject area*
- *A Bachelors Degree with prior learning/work experience equivalent to 30 credits in the relevant subject area*
- *Completion of NVQ level 7, as determined by the academic authority of HEI, may be considered.*

**Course Duration:** One year

**Medium of Instruction:** English / Sinhala

## Course Description

Semester		Component	Lecture Hours	Credits
<b>Semester 1</b>	M.SOCI 1101	Concepts of Sociology	45 hrs.	3
	M.SOCI 1102	Applied Sociology	45 hrs.	3
	M.SOCI 1103	Sociological Research Methods	45 hrs.	3
	M.SOCI 1104	Rural and Urban Sociology	45 hrs.	3
	M.SOCI 1105	Sociology of Public Relations	45 hrs.	3
<b>Semester 2</b>	M.SOCI 1201	Social Welfare & Community Development	45 hrs.	3
	M.SOCI 1202	Social Psychology & Counseling	45 hrs.	3
	M.SOCI 1203	Advanced sociological Theory	45 hrs.	3
	M.SOCI 1204	Sociology of Crimes and Deviance	45 hrs.	3
	M.SOCI 1205	Independent Research Project	45 hrs.	3
<b>Total</b>				<b>30</b>

## Evaluation

It is essential to attend more than 80% of the lectures for each subject to become eligible to sit for the examination.

Candidate's performance at each course unit is assessed and graded through theory examinations and continuous assessments during and at the end of the semester. Continuous assessment may include individual assignments, group assignments, case analyses, critical incident analyses, term papers, midterm examinations, quizzes, practical and, oral presentations. Peer evaluation is used in giving marks for the



continuous assessments. Maximum marks that can be obtained is 20% for the continuous assessments with written or other examinations. Individual research project will be allocated 100 marks. The pass mark is 50% and candidate should pass all the course units including the research project.

### **Repeating the course units**

A candidate who is unable to sit or fail the course unit can repeat the examination. Except medical reasons the maximum mark that can be obtained is 50%. For further details please refer paragraph under “Repeating the course units” in page 29.

### **Awarding the Degree**

Candidate is expected to pass all the courses and should possess a minimum GPA of 2.7 for a total of 30 credits worth courses. A merit pass will be given if the overall average exceeds 70%.

### **Payment Plan**

The full amount of the course fee should be paid at the time of registration.

## **3.7.2.2 Masters Degree with Teaching and Research Component**

### **3.7.2.2.1 Masters Degree in Criminology and Criminal Justice**

The newly founded Department of Criminology and Criminal Justice has created a path for its graduates to obtain their postgraduate degrees. As a result of this goal, the Department has introduced a Masters Degree in Criminology and Criminal Justice.

This program gives an opportunity for the students to enhance their knowledge further on advanced criminological theories and research methods on Criminology. In addition the students will be introduced to advanced applications in Criminology.

#### **Objectives/ Graduate Profile:**

The postgraduate student who completes the degree will be able to;

- *Apply for the MPhil Degree in Criminology and Criminal Justice*
- *Gain a solid theoretical, methodological and applied knowledge of Criminology as well as Criminal Justice.*

### **Professional and Employment Opportunities**

Postgraduate qualifications in Criminology and Criminal Justice is certainly valued in promotions as well as confirmation in one’s occupation especially in the areas of police, prisons, excise, armed forces, judicial service and other related fields.

## Admission Requirements

To be eligible for admission to this program an applicant must possess one of the following qualifications;

- *A Bachelors Degree including 30 credits in criminology/criminal justice*
- *A Bachelors Honors Degree in criminology/criminal justice*
- *Postgraduate Diploma in Criminology and Criminal Justice*
- *Completion of NVQ level 7 (BTech) with a minimum of GPA of 3.0 as determined by the University*

**Course Duration:** 2 Years

**Medium of Instructions:** English

## Course Description

The course comprise of 60 credits in total including a research project not less than 15 credits.

		Name of Course Unit	Credit Value
<b>1<sup>st</sup> Year</b>			
<b>Semester 1</b>			
M.CRIM 1101	Crime and Society		<b>5</b>
M.CRIM 1102	Advanced Criminological Theory		<b>5</b>
M.CRIM 1103	Criminological Research Methods		<b>5</b>
<b>Semester 2</b>			
M.CRIM 1201	Police and Crime Control		<b>5</b>
M.CRIM 1202	Role and Procedure of the Criminal Courts		<b>5</b>
M.CRIM 1203	Victimology		<b>5</b>
<b>2<sup>nd</sup> Year</b>			
<b>Semester 1</b>			
M.CRIM 2101	Corrections		<b>5</b>
M.CRIM 2102	Criminal Investigation and Forensic Science		<b>5</b>
M.CRIM 2103	Crime Pattern and Trends in Sri Lanka		<b>5</b>
<b>Semester 2</b>			
M.CRIM 2200	Thesis		<b>15</b>
<b>Total Credits</b>			<b>60</b>

## Evaluation

Candidate's performance at each course unit is assessed and graded through theory examinations and continuous assessments during and at the end of the semester. Continuous assessment may include individual assignments, group assignments, case analyses, critical incident analyses, term papers, midterm examinations, quizzes, practical and, oral presentations. Maximum marks that can be obtained is 50% for the continuous assessments with written or other examinations. The pass mark is 50% and candidate should pass all the course units. The thesis will be evaluated by a viva voce examination.

## Repeating the course units

A candidate who is unable to sit or fail the course unit can repeat the examination. Except medical reasons the maximum mark that can be obtained is 50%. For further details please refer paragraph under "Repeating the course units" in page 29.

## Awarding the Degree

Candidate should pass all the courses including the thesis and should possess a minimum GPA of 2.7 for a total of at least 60 credits worth courses. A merit pass will be given if the overall average exceeds 70%.

## Payment Plan

The student needs to pay 60% of the course fee at the time of registration and the balance within six months of registration.

### 3.7.2.3. Two years Masters Degree by Research (MA-R)

Two year Masters Degrees by research are offered in a multitude of subject areas including Anthropology, Criminology, Political Science, Sociology, Economics, Geography, Archeology and History. It is compulsory for all students to follow a 30 hour course unit on 'Research Methodology and Scientific Writing' offered by the Faculty of Graduate Studies before formulating the research proposal and proceeding with the research. The students are expected to have at least 80% attendance for the "Research Methodology and Scientific Writing" course.

#### Admission Requirements:

To be eligible for admission to this program an applicant must possess one of the following qualifications;

- *A Bachelors Honors Degree of Level 6 with a minimum of 30 credits in the relevant field*
- *A Bachelors Honors Degree of Level 6 with a minimum of 30 credits in a related field and a successful completion of a qualifying examination*
- *A Bachelors Degree of level 5 with a minimum GPA of 3 and successful completion*

*of a qualifying examination which will be conducted after completion of 30 credits equivalent to SLQF 6 in the same or related field*

- *A Bachelor's Degree of level 5 with a minimum of 3 years experience in the relevant field*
- *One year MA by teaching and research from a recognized university*
- *Completion of NVQ Level 7 with a minimum GPA of 3.0 and successful completion of a qualifying examination which will be conducted after completion of 30 credits equivalent to SLQF Level 6 or 7 as determined by the University.*

**Course Duration:** 2 years.

**Medium of Instruction:** Sinhala / English

### **Evaluation and Award of the Degree**

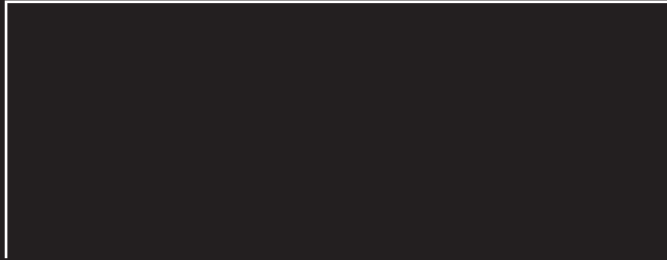
The evaluation criteria for the Degree is similar to that for higher research degrees as shown in Section 2 of the Handbook.

### **Payment Plan**

First years fees should be paid at the time of initial registration. At each extension of registration in subsequent years due payment need to be effected.

## 3.7.3 MPhil and PhD

The above research degrees are offered in a variety of subject areas ie. Anthropology, Criminology, Political Science, Sociology, Economics, Geography, Archeology and History plus interdisciplinary areas. The admission requirements are in accordance with the SLQF and shown in Annexure 1. The details of the administration of the research degrees is shown in Section 2 under Guidelines for Postgraduate Programs.



# **ANNEXURES**



## Annexure 1: Admission Criteria and Volumes of Learning Required for Postgraduate Courses According to SLQF

Degree/ Diploma Type	SLQF Level	Minimum admission requirement	Expected Volume of Learning
Postgraduate Certificate	7	1. A Bachelor's Degree (a) Including 30 credits in the relevant subject area (b) Prior learning/work experience equivalent to 30 credits in the relevant subject area	20 credits after SLQF 5 or 6
		2. A qualification in the relevant subject area equivalent to (a) or (b)	
		3. Completion of NVQ level 7 (B. Tech.) as determined by the University	
Postgraduate Diploma	8	1. A Bachelor's Degree (a) 30 credits in the relevant subject area (b) Prior learning/work experience equivalent to 30 credits in the relevant subject area	25 credits after SLQF 5 or 6
		2. A qualification in the relevant subject area equivalent to (a) or (b)	
		3. Completion of NVQ level 7 (B. Tech.) as determined by the University	
Masters Degree by Course Work	9	1. A Bachelor's Degree (a) 30 credits in the relevant subject area (b) Prior learning/work experience equivalent to 30 credits in the relevant subject area	30 credits after SLQF 5 or 6
		2. A qualification in the relevant subject area equivalent to (a) or (b)	
		3. Completion of NVQ level 7 (B. Tech.) as determined by the University	
Masters Degree with Course Work and Research component	10	1. A Bachelor's Degree including 30 credits in the relevant subject area*	60 credits after SLQF 5 or 6 including research component of minimum 15 credits
		2. A qualification of SLQF Level 6 (Bachelors Honors) or above in the relevant area* of study	
		3. A professional qualification equivalent to SLQF Level 6 or above	
		4. Completion of NVQ level 7 (B. Tech.) with a minimum of GPA of 3.0 as determined by the University	

Masters Degree by Research (MA-R)*		1.A Bachelor's Honors Degree of Level 6 with a minimum of 30 credits in the relevant field	Minimum 2 years of fulltime or equivalent time of original research
		2. A Bachelor's Honors Degree of Level 6 with a minimum of 30 credits in a related field and successful completion of a qualifying examination	
		3. A Bachelor's Degree of level 5 with a minimum GPA of 3 and successful completion of a qualifying examination which will be conducted after completion of 30 credits equivalent to SLQF 6 in the same or related field	
		4. A Bachelor's Degree of level 5 with a minimum of 3 years experience in the relevant field	
		5.A qualification of SLQF levels 7 or above in the relevant field	
		6.Completion of NVQ Level 7 with a minimum GPA of 3.0 and successful completion of a qualifying examination which will be conducted after completion of 30 credits equivalent to SLQF level 6 or 7 as determined by the University	
Master of Philosophy	11	1. A Bachelor's Honors Degree of Level 6 with a minimum of 30 credits in the relevant field	Minimum 2 years of fulltime or equivalent time of original research after SLQF 6 or above
		2. A Bachelor's Honors Degree of Level 6 with a minimum of 30 credits in a related field and successful completion of a qualifying examination	
		3. A Bachelor's Degree of level 5 with a minimum GPA of 3 and successful completion of a qualifying examination which will be conducted after completion of 30 credits equivalent to SLQF 6 in the same or related field	
		4. A qualification of SLQF levels 7 or above in the relevant field	
		5. Completion of NVQ Level 7 with a minimum GPA of 3.0 and successful completion of a qualifying examination which will be conducted after completion of 30 credits equivalent to SLQF level 6 or 7 as determined by the University	



Doctoral Degree	12	1.A Masters of Philosophy Degree	A minimum of three years fulltime or equivalent time of original research after SLQF 6 or above
		2.A Master's Degree	
		3.A Bachelor's Degree of Level 6 with a minimum GPA of 3 with or without qualifying examination as determined by the University	
		4. A holder of Bachelor's Degree Honors of Level 6 who has registered to follow a MPhil Degree may be upgraded to PhD level after a minimum period of one year provided his/her research competencies are of exceptional merit	
		5. A Bachelor's Degree of level 5 with a minimum GPA of 3 and successful completion of a qualifying examination which will be conducted after completion of 30 credits equivalent to SLQF level 6 in the same or related field and register to follow an MPhil Degree may be upgraded to PhD level after a minimum period of one year provided his/her research competencies are of exceptional merit	

**Note:** The relevance and relatedness of the course units for degrees other than MPhil and PhD can be decided by the University. The entry qualifications for MA-R is slightly different to the MPhil of the SLQF to accommodate the existing ones hitherto practiced in the University.

## Annexure 2: **Format of the Concept Paper/Research Proposal**

- *Tentative Title:*
- *Background/Justification/Introduction (100-500 words)*
- *Research problem/s and research questions*
- *General Objective and Specific Objectives (in point form)*
- *Literature Review (briefly indicating the most significant ones)*
- *Methodology (materials and methods)*
  - *Study site/s*
  - *Design of experiment/survey*
  - *Collection of data/information*
  - *Statistical Analysis etc.*
- *Expected outcome*
- *Time scale bar chart (Gantt chart)*
- *Certificate of ethical clearance if applicable*
- *Budget estimate*
- *References*

*Note: Entire proposal must not exceed 10 pages (including tables and figures but not excluding references) and should either Microsoft Word readable document or*

### Annexure 3: **Format of Progress Reports**

All the registered students are required to submit progress reports every six months. The format for the Progress Report will be as follows;

1. Progress Report Number :
2. Student Registration Number :
3. Date of the Registration :
4. Time period covered by Progress Report :
5. Name of Research Student :
6. Name/s of Supervisor/s :
7. Institute where research is being carried out :
8. The Degree Registered for :
9. The relevant Board of Study :
10. Title of the research :
11. Executive Summary :
12. Publications/Communications arising from the research during the reporting period :
13. Objectives of the research :
14. Objective/s achieved to date :
15. Brief description of research work carried out during the reporting period :
16. Results / Observations / Outputs :
17. Chart for work done for the reporting period

Activity	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6

18. Were there any deviations in the work schedule compared to one originally proposed :

19. Was prior approval obtained for the deviations :

20. If No why not :

21. Brief work plan for the next 6 months

Activity	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6

22. Comments regarding project implementation, if any :

23. Signature of the student and date :

24. Comments, Name, Date and Signature of Supervisor/s :

25. Comments of the Head of the Department(in which the research being carried out),  
Signature and date :

## Annexure 4: **Sample Page of the Supervisor/Student Log Book**

A supervisor/student log book will be provided by the FGS at the time of registration of research degrees to ensure that supervisor and student will have adequate contact hours which are important for the successful completion of the intended degree. It has pages with the following information and the student needs to submit the duly signed pages along with the six monthly progress report to the relevant Board of Study through the Supervisor/s and Head of Department. For the degrees which fall in the Board of Multidisciplinary Studies, the Chairman of the Board will sign in place of the Head of the Department. The pages of this log book will have the following information;

### Supervisory Meeting Record

<b>1. Date of meeting:</b>						
<b>2. Supervisor(s) present: 1<sup>st</sup> Supervisor; 2<sup>nd</sup> Supervisor:</b>						
<b>3. Review of actions from the last supervisory meeting:</b>						
<b>4. Topics discussed:</b>						
<b>5. Identification of any issues:</b>						
<b>6. Actions set for the next meeting:</b>						
<table style="width: 100%; border: none;"> <tr> <td style="width: 60%;"><b>Confirmation from student and supervisor:</b></td> <td style="width: 40%;"><b>Date</b></td> </tr> <tr> <td>Student .....</td> <td>.....</td> </tr> <tr> <td>Supervisor .....</td> <td>.....</td> </tr> </table>	<b>Confirmation from student and supervisor:</b>	<b>Date</b>	Student .....	.....	Supervisor .....	.....
<b>Confirmation from student and supervisor:</b>	<b>Date</b>					
Student .....	.....					
Supervisor .....	.....					

## Annexure 5: **Roles of Principal Supervisor and Co-Supervisors**

Supervisor/s shall be responsible for providing guidance to students under his/her care in the following areas:

*(a) Offering ideas and providing guidance and encouragement on the planning and progress of research, submission of the thesis and publication of the results*

*(b) Providing or arranging for instruction in research methodology, including use of information technology*

*(c) Guiding students in acquiring and improving appropriate generic skills, including written and oral communication, numeracy, decision-taking, and organisational and management skills*

*(d) Ensuring that the students are aware of the manner in which research results are reported and that they understand the implications of plagiarism and other unbecoming academic practices*

Supervisor/s shall meet students regularly to review their progress. These meetings shall occur at least once a month for full-time students. Face to face meetings may be substituted by other means of communication. These records should be maintained in the student log book.

The supervisory role of Principal Supervisors, Co-supervisors shall cease when the thesis is submitted for examination. The role may be reassumed, on the advice of the Board of Examiners, in order to provide guidance to students whose thesis is referred back for significant correction pending final acceptance.

Supervisors, Co-supervisors are not responsible for proof-reading of the theses. Neither is it their responsibility to ensure that theses do not contain plagiarised parts. The student is expected to check the level of plagiarism in the thesis and attach the report in the thesis duly signed by him/her.

If plagiarism is detected by a supervisor in drafts or in the final version of a thesis prior to the formal submission for examination, the Supervisor shall inform the student to take corrective action before final submission. If Plagiarism is detected disciplinary action will be taken against the student and will lead to the rejection of the thesis.

When co-supervisors and/or advisers are appointed, the Principal Supervisor shall retain the ultimate responsibility of leadership in supervision.

Principal Supervisors shall be required to countersign the progress reports of their students before submitting to the Faculty of Graduate Studies

## Annexure 6: **Details of the Course Unit on Research Methodology & Scientific Writing**

### **Objective:**

This course has been designed to provide students with knowledge and skills to prepare a comprehensive research proposal, conduct a literature review, design experiments/surveys to procure data, analyse the data using standard qualitative and quantitative techniques and use of statistical packages and writing thesis, reports and research papers.

Lectures: 30 hrs

### **Intended Learning Outcomes of the Course:**

- *Ability to prepare comprehensive research proposals*
- *Ability to procure and organize relevant secondary literature from both hard and electronic sources through internet.*
- *Analyse the data to suit the objectives of the research using relevant statistical packages*
- *Ability to prepare effective research proposals for funding*
- *Ability to write research papers for journals*
- *Ability to write the thesis*
- *Review scientific papers and other communication effectively*
- *Be knowledgeable about the publishers and the funding organizations and their priorities*
- *Be aware of the ethics in scientific communication*
- *Be able to present his/her work to a variety of audiences effectively and efficiently*

### **Syllabus**

The topics to be followed in the course unit will be as follows;

- *Research Philosophy: forms and purposes of scientific communication*
- *Ethics in scientific communication*
- *How to prepare an effective research proposal*
- *Procuring and listing of secondary data and information including internet and libraries (Literature Search)*
- *Experimental Design Statistical analysis of data*
- *Writing theses and scientific papers/review papers*
- *Listing the references/Bibliography*
- *Publication of research findings*
- *Making effective oral/poster presentations*

Certificate will be issued for participants having 80% or higher attendance.

## Annexure 7: **Guidelines For Preparation of A Thesis (MA/MSc/MPhil/PhD)**

### ***Guidelines for the Formatting***

Paper: leaf Size – A4 on good quality white paper (80 gsm)

The text should be in double space type (font 12 – Times New Roman for body text, FM Abhaya for sinhala) with the following margins:

Right side – 2 cm.

Top and Bottom – 3 cm.

Left side – 4 cm. (room for binding)

Thesis topic (font 24), name, Degree and the Year (font 18) – Times New Roman)

### ***Front cover format***

Top – Full title

by

Middle – Full name of candidate (author)

Bottom left – MPhil or PhD or MA or MSc

Bottom right – Year of submission

The first and last leaf should be blank and of thick (230 gsm) quality paper.

### ***Inner Cover format***

Top – Full title

by

Middle – full name of candidate (author).

Bottom – Thesis submitted to the University of Sri Jayewardenepura for the award of the Degree of Doctor of Philosophy/Master of Philosophy/Master of Science/ Master of Arts etc

(Font – 16, Double Spacing)

### ***Declaration page should have the following text and font sizes;***

“The work described in this thesis was carried out by me under the supervision of..... and a report on this has not been submitted in whole or in part to any university or any other institution for another Degree / Diploma”.(B).

### ***Certification of the supervisor***

The student should provide a signed declaration with the date by the Supervisor, certifying the work of the candidate stating “I / We certify that the above statement made by the candidate is true and that this thesis is suitable for submission to the University for the purpose of evaluation”.

The pages following the above should be for Table of Contents in which the section of the text are numbered using Arabic numerals up to 3 decimals. Further subsections should have Roman numerals.



Normal numarels should start from the Table of Contents and go up to the end of the last page of the Abstract. Page numbers will appear at the bottom centre of each page.

The references and appendices should not have page numbers.

Lists of Tables, Figures and Plates where required should follow the Table of Contents. (Numbered in simple Roman numeral).

Acknowledgements should be in a fresh page numbered in Roman numarels & should be limited to one page. Abbreviations & Glossary where appropriate should follow this & numbered in Roman numarels.

The abstract should follow on a fresh page. On this page the title of the thesis should be given with the author's name below it and the word ABSTRACT printed below incapital letters. (Font - 14) Double space has to be left below the word ABSTRACT. Abstract should be written in Font 12 - Times New Roman, double spacing, bold letters are only for title and full name. The length of the Abstract should not exceed two pages.

In sections and sub-sections heading should be as follows:

### **Organisation of the Thesis**

- Outer Cover Page
- Inner Cover Page
- Declaration of the Candidate
- Certification by Supervisor/s
- Table of Contents
- List of Tables
- List of Figures
- Abbreviations
- Glossary
- Acknowledgement
- Abstract
- Chapter 1: Introduction
- Chapter 2: Literature Review
- Chapter 3: Materials and Methods
- Chapter 4: Results
- Chapter 5: Discussion
- Chapter 6: Conclusions
- Chapter 7: Recommendations
- References
- Appendices

**Note:** Results and Discussion can be two chapters or one chapter based on the type of research study.

Similarly conclusions & recommendations can be written together.

Roman numerals will be used up to Abstract and then Arabic numerals should start from Chapter 1. References and Appendices will not have page numbers.

List of references should be given immediately after the text of the thesis starting on a fresh page. References throughout the text of the thesis as well as the list of references should follow one standard format, Harvard or Vancouver or APA. Refer to annexure 12 for a sample of each reference .

Font 12 – Times New Roman, double spacing, bold letters only for titles. Use Italics only when indicating Latin words.

Appendices, if any, should follow this section. Appendices should be titled, numbered and when necessary, have explanatory notes.

### **Final binding**

Green cover for MPhil and Red cover for PhD and Black cover for MA /MSc. All Lettering in gold.

The list of references should be double spaced, listed alphabetically by first author's last name for each reference.

## Annexure 08: **Form of the Intension to Submit the Thesis**

The students who intend to submit the thesis need to fill the following form with signature of the student & Principal Supervisor and submit to Deputy Registrar/Faculty of Graduate Studies three months prior to submission.

Name of Student		
Registration No		
Possession of a valid registration	YES	NO
Publications in peer reviewed journals/ Accepted for publication (1 for MA, MPhil: 2 for PhD)		
Completion of research methodology and scientific writing course		
Whether minimum duration of the degree has been completed		
Whether all due payments had been done		
Whether ethical of clearance has been received for the study (where appropriate)		

Signature of Student : ..... Date: .....

Signature of Principal Supervisor : ..... Date: .....

## Annexure 9: **Format of the Final Page on the Practical Implications, Recommendations for Implementation of the Research Findings**

Title :

Registration No :

No.	Practical implication	Relevant institution	Recommendation for implementation

Signature of the student: .....

## Annexure 10: **Plagiarism Inspection Report**

This is to certify that a plagiarism inspection was carried out on the thesis .....  
.....(Name of the thesis)  
submitted by .....  
(Name of the student) and the results are shown in the annexed plagiarism inspection report.

.....

Signature

**Issued by:**

Authorized officer of the faculty of .....

Date: .....

Registration number of the student : .....

Signature of the Student : .....

Name of the Principal Supervisor : .....

Signature of the Principal Supervisor : .....

## Annexure 11: **Ethical Clearance Report**

### **Ethics Review Committee**

Faculty of Graduate Studies, University of Sri Jayewardenepura  
Gangodawila, Nugegoda, Sri Lanka

Date:

ERC meeting date:

[Name of Principal investigator            ]

[Address of the Principal investigator    ]

Dear ..... ,

Application No: .....

[Title]

Principal Investigator                    : [Name of Principal investigator]

Thank you for submitting the above study to the ERC / FGS. We are pleased to inform you that ERC / FGS has granted ethical approval for your project effective from ..... as per details given below.

The following documents were reviewed and approved:

<b>Document</b>	<b>Version No</b>	<b>Date of Submission</b>
Project Proposal		
Study Instrument – English		
Study Instrument – Sinhala		
Study Instrument – Tamil		
Participant information sheet – English		
Participant consent forms – English		
Participant information sheet – Sinhala		
Participant consent forms – Sinhala		
Participant information sheet – Tamil		
Participant consent forms – Tamil		

We affirm that none of the proposed study team members were present during the decision making process of the ERC.

.....  
Signature of the  
Chairperson

.....  
Signature of the Secretary  
ERC / FGS

Address all correspondence to:  
Secretary, Ethics Review Committee, Faculty of Graduate Studies,  
University of Sri Jayewardenepura, Gangodawila, Nugegoda, Sri Lanka.

TP: +94 11 288 1550

## Annexure 12: **Samples of Allowed Referencing Styles**

### **Vancouver**

- *References are listed in numerical order, and in the same order in which they are cited in text. The reference list appears at the end of the paper.*
- *Begin your reference list on a new page and title it 'References.'*
- *The reference list should include all and only those references you have cited in the text. (However, do not include unpublished items such as correspondence).*
- *Use Arabic numerals (1, 2, 3, 4, 5, 6, 7, 8, 9).*
- *Check the reference details against the actual source - you are indicating that you have read a source when you cite it.*
- *Be consistent with your referencing style across the document.*

(Extracted from: <http://guides.lib.monash.edu/citing-referencing/vancouver> )

### **Example:**

O'Campo P, Dunn JR, editors. Rethinking social epidemiology: towards a science of change. Dordrecht: Springer; 2012. 348 p.

Schiraldi GR. Post-traumatic stress disorder sourcebook: a guide to healing, recovery, and growth [Internet]. New York: McGraw-Hill; 2000 [cited 2006 Nov 6]. 446 p. Available from: <http://books.mcgraw-hill.com/getbook.php?isbn=0071393722&template=#toc> DOI: 10.1036/0737302658

### **Harvard**

Reference lists are created to allow readers to locate original sources themselves. Each citation in a reference list includes various pieces of information including the:

1. Name of the author(s)
2. Year published
3. Title
4. City published
5. Publisher
6. Pages used

Generally, Harvard Reference List citations follow this format:

Last name, First Initial. (Year published). Title. City: Publisher, Page(s).

( Extracted from: <http://www.citethisforme.com/harvard-referencing> )

## APA (American Psychological Association)

- *The reference list includes only the sources you have used in any submission. APA Style requires reference lists, not bibliographies.*
- *The reference list begins a new page with the centred heading – References*
- *Double-space all reference entries.*
- *Reference list entries should be indented half an inch or 12 mm (five to seven spaces) on the second and subsequent lines of the reference list for every entry - a hanging indent is the preferred style. (i.e. entries should begin flush left, and the second and subsequent lines should be indented).*
- *Arrange entries in alphabetical order by the surname of the first author as the letters appear (e.g. M, Mac, MacD, Mc).*
- *If there is no author, the title moves to the author position (filed under the first significant word of the title). If the title in this instance begins with numerals, spell them out.*

( Extracted from: <https://www.usq.edu.au/library/referencing/apa-referencing-guide> )



## Annexure 13: **Evaluation Criteria and Marking Scheme for the Thesis**

Index Number of Candidate : .....

Name of Candidate : .....

Degree : .....

Criteria	Total Marks Possible	Your Marks
1. Contribution to Knowledge Innovative/ Creative Contribution	15%	
2. Literature Review: Reading Creation of a research space	20%	
3. Methodology	15%	
4. Analysis: Data analysis, Interpretation	30%	
5. Mechanics/Format/Language References	20%	
Total	100%	

**NOTE:** The candidate needs 50% in each category to be awarded the degree applied for.

### Recommendation [ Select one ]

	Tick	Signature
i. Recommend thesis as is		
ii. Recommend with minor changes and the effective date of the thesis is the date of submission of thesis (temporary bound)		
iii. Recommend with moderate changes and the effective date of the thesis is the date of submission of thesis (temporary bound)		
iv. Recommend with major changes and it will be a resubmission: effective date of the thesis is the date of resubmission of the revised thesis		
iv. Reject A. Reasons for rejection:		

**Comments: [A narrative report can be attached in addition to this mark sheet**

.....

Name of Examiner

.....

Signature

Address : .....  
.....  
.....

Contact Number : .....

Date : .....

## Annexure 14: **Mark Sheet for Thesis Defense (Viva)**

Index Number of Candidate : .....

Name of Candidate : .....

Degree : .....

### **Evaluation Criteria1 for Viva Voce Examination**

<b>Criteria</b>	<b>Total Marks Allowed</b>	<b>Your Marks</b>
1.Candidate's ability to discuss her/his research with focus and clarity in the presentation	20%	
2.Candidate's defense of findings, interpretations & conclusions	35%	
3. Presentation skills ie. eye contact, expression, posture	30%	
4. Candidate's use of data/evidence to back claims	15%	
Total	100%	

**NOTE:** *The candidate needs 50% in each category to be awarded the degree applied for. If the candidate does not pass the viva, she / he will be given one more opportunity to do so.*

Comments : .....

.....

.....

.....  
Name of Examiner

.....  
Signature:

.....  
Date

## Annexure 15: Format for Incorporation of Examiners Comments to Thesis After Viva Voce Examination

Faculty of Graduate Studies, University of Sri Jaywardenepura				
Incorporation of Examiners Comments to Thesis				
Name of the Student :				
Degree :				
Title of the Thesis:				
Names of the Supervisors: 1.....2.....				
Comments of the Examiner and action taken				
Name of the Examiner :				
Examiners Comments	page in Temporary Bound	Correction carried Out	Page in Permanent Bound	Verifica-tion/Re-marks
Name of the Examiner 2 :				
Examiners Comments	Page in Temporary Bound	Correction carried Out	Page in Permanent Bound	Verifica-tion/Re-marks

(Add more rows as required)

<b>Comments by the Chair of the Viva voce Board</b>	..... ..... .....
---	-------------------------

**Signature of the Student**

**Signature of the Principal Supervisor: .....**

**Name of the Verifying Officer: ..... Signature:..... Date:.....**







Faculty of Graduate Studies  
University of Sri Jayewardenepura  
Gangodawila, Nugegoda  
Sri Lanka.

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