The Open University of Sri Lanka

FACULTY OF HEALTH SCIENCES
UNDERGRADUATE GUIDE BOOK

Academic Year
2019/ 2020

Bachelor of Science Honours in Nursing
Bachelor of Pharmacy Honours
Bachelor of Medical Laboratory Sciences Honours
Bachelor of Science Honours in Psychology

The Open University of Sri Lanka

Faculty of Health Sciences

Undergraduate Guide Book

Academic Year 2019 / 2020

Telephone & Email	Dean/ Health Sciences	011-2881075 deanhealth@ou.ac.lk
	Head/ Nursing	011-2881325 hdnurse@ou.ac.lk
	Head/ Medical Laboratory Sciences	011-2881146 hdmedilab@ou.ac.lk
	Head/ Pharmacy	011-2881131 hdpharma@ou.ac.lk
	Head/ Basic Sciences	011-2881000 ext 663 hdbasicsc@ou.ac.lk
	Head/ Psychology and Counselling	011-2881000 ext 702 hdpcoun@ou.ac.lk
	Assistant Registrar	011-2881355 arhealth@ou.ac.lk
	University-hunting line	011-2881000
Fax	University	0112436858
	Dean's Office – Health Sciences	011-2823921
Web	www.ou.ac.lk	
Postal Address	P.O. Box 21, Nugegoda, Sri Lanka	

Contents

About this Undergraduate Guidebook

This Guidebook provides useful information to students about The Open University of Sri Lanka (OUSL), Faculty of Health Sciences and its Academic Programmes/Courses. This Guidebook is particularly designed to meet the needs of students studying on the following Honours Degree Programmes offered by the Faculty.

- Bachelor of Science Honours in Nursing Degree Programme
- Bachelor of Medical Laboratory Sciences Honours Degree Programme
- Bachelor of Pharmacy Honours Degree Programme
- Bachelor of Science Honours in Psychology Degree Programme

Please read this Undergraduate Guidebook carefully and keep it as a reference source throughout your studies with the OUSL, as it provides essential information for students about the following.

- Study system adopted and student support provided
- How to register for Courses/Programmes
- Exemptions granted on prior qualifications
- Evaluation system and Awards criteria for Programmes
- Fees applicable for Courses/Programmes
- Scholarships/ bursaries available for students
- Teaching and administrative staff of the Faculty
- Responsibilities of OUSL students

Dean's Message

Welcome to the Open University & Faculty of Health Sciences!

Professor Gaya Ranawaka
Dean, Faculty of Health Sciences

Congratulations on your decision to join us in the Faculty of Health Sciences and on behalf of the Faculty I warmly welcome you to our academic community. As the next generation of health and allied health care professionals, I am happy that you have chosen to enrol with us at the OUSL demonstrating your aspiration for high quality higher education through the distance learning methodology. I encourage you to take full advantage of your time at the OUSL, seeking guidance offered by our Faculty. You can be assured that the staff will support you throughout your studies. You will find the information given in this Undergraduate Guidebook as well as in the OUSL Student Handbook useful to settle in at the University.

Health and health care remain a top priority for all of us and health and allied health professional's place in the global community has never been more important. The demand for highly qualified personnel in this sector will continue to grow as no aspect of health care can be optimally addressed

without the presence of trained health professionals from multiple disciplines serving in key roles. As one of the largest educators of healthcare professionals in Sri Lanka, our aim is to contribute to national priorities in education by providing equitable and accessible education, training and career development in health and allied health sciences. Currently we offer Honours Degree programmes in Nursing, Medical Laboratory Sciences, Pharmacy and Psychology to prepare health science professionals for advanced practice, leadership, academic and research roles.

The OUSL facilitates learning entirely in the distance mode through a flexible multimedia study package, a mode of learning that is particularly suited for the employed to advance their careers. As a distance learner you will need to be a self-motivated, independent learner, but I am confident you are up to the challenge for a transformational educational experience with the Faculty.

Wish you a rewarding time with us and hope you will take the effort to make a promising impact on our health care system.

Good Luck in your studies.

Professor Gaya Ranawaka

Part 1

General Information

The Open University of Sri Lanka

The Open University of Sri Lanka (OUSL) is the premier Open and Distance learning institution in Sri Lanka where students can pursue their studies through Open and Distance Learning (ODL) methodologies.

Established in 1980, under the Universities Act No. 16 of 1978 and OUSL Ordinance No.1 of 1990, as amended, the OUSL has the same legal and academic status as any other national university in Sri Lanka. As per the Public Administration Circular No. 16/ 92, dated 13.03.92, issued by the Ministry of Public Administration, Provincial Councils & Home Affairs, degrees awarded by OUSL are treated as equivalent to degrees awarded by any other University under the purview of the University Grants Commission.

The OUSL is an attractive choice of study, especially for the employed. It offers courses/programmes from the Foundation and Certificate level through Bachelors to Masters and PhD degrees. The structure of the Study Programmes provides opportunities for those who complete one programme to progress up the ladder and further improve their educational qualifications. Education at the OUSL is thus a life-long experience.

Due to the nature of its teaching methodology and infrastructure, the OUSL is able to serve a large student population spread throughout the country. Currently, there are nearly 40,000 students studying at the OUSL, who are being served by nine Regional Centres and eighteen Study Centres located around the country (Figure 1, Table 1). The Central campus and the Colombo Regional Centre are situated at Nawala. The other eight Regional Centres are situated at Kandy, Matara, Jaffna, Anuradhapura Batticaloa, Kurunegala, Badulla and Ratnapura.

The academic and administrative Head of the University is the Vice-Chancellor. The Senate of the University, which is chaired by the Vice-Chancellor, is the highest body that makes decisions regarding academic matters. The OUSL has Six Faculties: Health Sciences, Natural Sciences, Engineering Technology, Humanities and Social Sciences, Education and Management Studies.

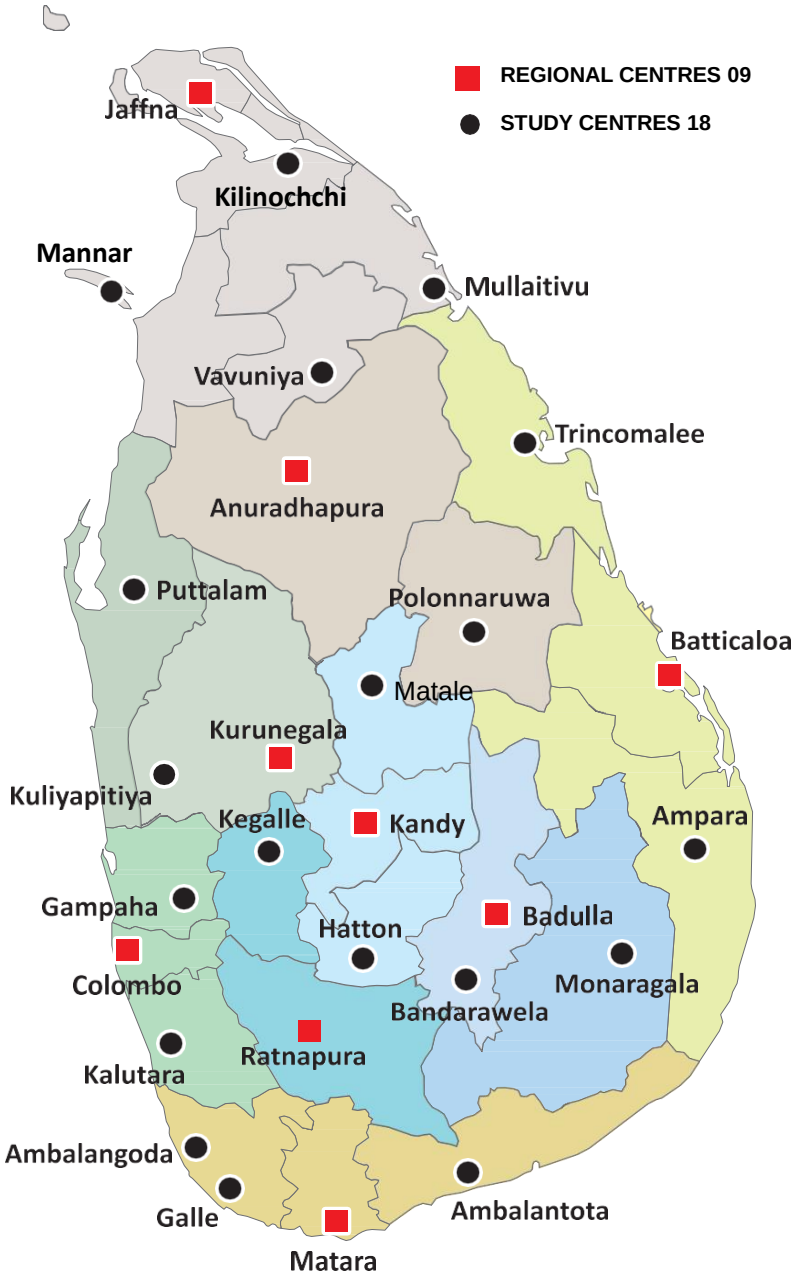


Figure 1: Regional and Study Centres of the OUSL

Table 1: Regional and Study Centre Contact Details

Centre	Centre Code	Postal Address	Contact No.
Regional Centres			
Colombo	WP10	OURC, Nawala, Nugegoda.	011-2853930 Ext.380 Staff:281,630, 464,420,621
Kandy	CP20	OURC, Polgolla, Kandy.	081-2494083 084/495/ 496/ 497
Matara	SP30	OURC, Nupe, Matara.	041-2222943 041- 2229782
Batticaloa	EP60	OURC, No.23, New Road, Batticaloa.	065-2222264
Jaffna	NP40	OURC, Browns Road, Kokuvil, Jaffna.	021-2223374
Anuradhapura	NC50	OURC, Jayanthi Mawatha, (Depot Area), Anuradhapura.	025-2222871
Badulla	UP80	OURC, No. 18/1, Bandaranayake Mw., Badulla.	055-3012151/ 055-2228842
Kurunegala	NW70	OURC, Negombo Rd., Nissanka Mw Junction, Malkaduwawa, Kurunegala.	037- 2223473
Ratnapura	SG90	OURC, No.397, New Town, Ratnapura.	045-2228660
Study Centres			
Ambalangoda	SP31	OUSC, 80/1, Polwatte Road, Halwatura Ambalangoda.	091-2258585
Ambalanthota	SP33	OUSC, Rajasaranagama Road, Lunama South, Ambalanthota.	047-2225533
Ampara	EP61	OUSC, Inginiyagala Road, Samapura, Ampara.	063-2222052
Bandarawela	UP81	OUSC, St .Thomas Road, Wewatenna, Bandarawela.	057-2222820
Galle	SP32	OUSC, Labuduwa, Galle.	091-2223784
Gampaha	WP11	Gampaha Road, Miriswatte, Mudungoda.	033-2234571 033-2234572

Centre	Centre Code	Postal Address	Contact No.
Hatton	CP21	OUSC, St. Gabriel Convent, Hatton.	051-2225139
Kalutara	WP12	OUSC, No 66/2, Nagoda Road, Kaluthara.	034-2223399 034-2223286
Kegalle	SG91	OUSC, Kumaratunge Munidasa Mawatha, Kegalle.	035-2222501
Killinochchi	NP42	OUSC, 155th Mile Post, Kandy Road, Killinochchi.	021-2283970
Kuliyapitiya	NW72	OUSC, No 122, Lionel Jayathilaka Mw, Kuliyapitiya.	037-3133655
Mannar	NP44	OUSC, RDS Building, Minor Seminary Rd, Chavatkaddu, Mannar.	023-2251999
Moneragala	UP82	OUSC, Technical college Junction, Sirigala, Potuvil Road, Moneragala.	055-2277395
Mullaitivu	NP43	OUSC, Oddusudan Road, Puthukkudiyiruppu, Mullaitivu.	021 - 2290868
Polonnaruwa	NC51	OUSC, 24th Post, Bendiwewa Jayanthipura, Polonnaruwa.	027-2225776
Puttalam	NW71	OUSC, No 1/137, Colombo Road, Puttalam.	032-2266822
Vavuniya	NP41	OUSC, No. 366, Kandy Road, Thekkawaththai, Vavuniya.	024-2222995
Trincomalee	EP62	OUSC, No 26/A, Post Office Rd, Trincomalee.	026-2222088

OURC: Open University Regional Centre; OUSC: Open University Study Centre

Faculty of Health Sciences

The establishment of the Faculty of Health Sciences as the 5th Faculty of the OUSL was notified in the extraordinary Gazette No. 1918/8 of 9th June 2015 and formally commenced its operations on 7th July 2015. It consists of the six Departments; Nursing, Medical Laboratory Sciences, Pharmacy, Basic Sciences, Psychology & Counselling, and Health Education & Research. The Faculty is administered under the leadership of the Dean of the Faculty. Each Department is under a Head and all Departments are collectively responsible for all academic activities of the Faculty. The Faculty Board of Health Sciences regulates all academic activities in the Faculty, under the guidance of the Senate of the University.

Mode of Study

The undergraduates of the Faculty of Health Sciences will pursue studies through Open and Distance Learning (ODL) methodologies. The ODL methodology is based on self-study and independent learning. Distance learners assume responsibility to initiate a self-directed learning experience. It may initially appear as a challenging task. However, very soon you will learn that it is a rewarding and enjoyable experience. In addition to gaining subject knowledge and skills, you will be developing many other life skills, including self-organization and time management. Regular lectures, a feature of face-to-face teaching at a conventional university, is minimal at the OUSL. Instead, students learn through carefully prepared study material together with other forms of support that facilitate learning.

Study Package

The Faculty of Health Sciences adopts a *multimedia* system for teaching with a strong emphasis on distance study. The study system supports the students through course material (printed, electronic), audio visual aids, discussions, day schools, laboratory/field work, industry visits, online learning, etc. Continuous assessments and final examinations are also integral parts of the study system.

Course material (in print and/or electronic format) is the central element in the study package. Improving reading skills is therefore essential to be successful as an OUSL student. Course materials are carefully prepared to suit self-study and independent learning. They provide the student the subject knowledge of the course. They clearly outline the objectives of the course and what the student will be able to achieve by studying the course. Activities included will enable the learners to continuously assess themselves. Where applicable, you will also be provided with other supportive material applicable to a course, such as study guides, practical guides, audio visual material, etc.

OUSL Vocabulary

Once you become a student of the Faculty of Health Sciences at the OUSL, you need to be familiar with the OUSL terminology.

A **Programme of study** consists of a combination of compulsory and optional courses, which leads to a Certificate, Advanced Certificate, Diploma, Degree or a Postgraduate Degree. For example, Bachelor of Science Honours in Nursing Programme leads to the BSc Honours Degree in Nursing.

Continuing education courses are offered for students registered for regular programmes of study who wish to widen their knowledge in areas of their choice. These include support courses, such as English, Computer literacy, etc. A student can offer a limited number of continuing education courses, over and above the maximum workload allowed during an academic year.

Foundation courses in OUSL are offered for those who lack academic qualifications equivalent to that of A/Levels. Thus, these are particularly suited for students who lack direct entry requirements for the Degree or Diploma programmes.

Credit Rating

Programmes as well as courses carry a credit rating. The **'**credit rating' is the expression used in the OUSL to denote the "academic value" of a course/programme. The word `*credit*' does NOT imply any measure of academic performance at an examination such as a Credit pass at GCE Ordinary/Advanced Level Examination. The credit rating gives a measure of the time expected to be spent on studying the course.

At the OUSL, one credit is **50 notional hours** of study/learning time. Notional learning hours are the estimated learning time taken by an 'average' student to achieve the specified learning outcomes of the course or programme. They are therefore not a precise measure but provide students with an indication of the amount of study and degree of commitment expected. Notional learning time includes all aspects of work involved, including reading and understanding course material, face-to-face sessions, presentations, continuous assessments, final examinations, reading of reference materials, practicals, and time spent on independent study, whether in term-time or the vacations.

The credit rating of a programme increases progressively, with Certificates being 30 credits, a Diploma 30 credits and undergraduate Degrees comprising 90 or 120 credits, depending on whether the degree is a three or a four year (Honours) programme.

Table 2: Credit rating and notional study hours

Credit rating	02	03	04	06	08	15	30
Notional study hours	100	150	200	300	400	750	1500

Table 2 outlines the relationship between the credit rating and the total time expected to be spent on your studies, depending on the number of courses or total credits you offer for a particular year. For example, a 3 credit course is around 150 notional hours. In study time, this would mean you are expected to spend at least 8 hours per week on average, for this 3 credit course offered during one semester.

Course Code

Each course is assigned a course code. This code includes components that uniquely identify the course. The particular Department that offers the course is one component of identification used when assigning course codes. Specific letters assigned to the different Departments are as follows.

Nursing	NG
Pharmacy	FM
Medical Laboratory Sciences	MD
Psychology & Counselling	PL
Basic Sciences	BS
Health Education & Research	HE

The course code also informs the **Programme of study** for which the course is offered and the **level of study** at which it is offered. Courses for undergraduate degrees are offered at Levels 3 to 6. Foundation courses are offered at Levels 1 & 2. In assigning course codes, the Programme of study is identified by a *letter* and the level of study is identified by a *digit* (Table 3). For example, undergraduate courses are identified by the letter **U** and Foundation courses are identified by letter **F**.

Table 3: Programmes/Levels of Study

Level	Programme of study					
	Foundation	Certificate	Diploma	Undergraduate	Postgraduate	Continuing Education
1	F1	C1				E1
2	F2	C2				E2
3			D3	U3		E3
4			D4	U4		E4
5				U5		E5
6				U6		E6
7					P7	E7
8					P8	E8
9					P9	
10					PA	
11					PB	
12					PC	

Incorporating all of the above components, each course is assigned a course code consisting of 7 alphanumeric characters. The first *three letters* indicate the area of discipline and the programme of study. The *first digit* reflects the level of study, the second digit gives the credit rating. The last two digits give a unique serial number for the course.

An example of a course code is shown in Figure 2.

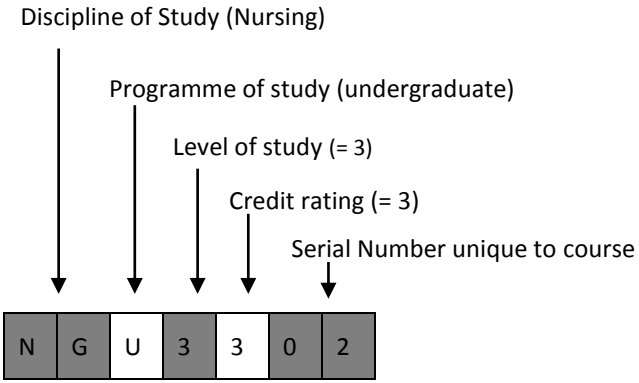


Figure 2: An example of a course code

Workload per Academic Year

In an academic year, students of a regular Programme of Study may register for courses within a minimum of 08 credits and a maximum of 30 credits. In addition, students may register for continuing education courses up to 08 credits.

Students may also register simultaneously for up to 02 Programmes of Study, provided entry qualifications and other requirements are satisfied and the total credits registered in both programmes for the particular academic year are within the maximum 38 credits (30 credits of regular courses and 08 credits of continuing education courses).

Planning and Allocating Time for Studies

The Faculty of Health Sciences offers courses in a semester system. Each academic year is divided into two semesters. Activities for many courses are scheduled to fit one semester. However, activities for a few courses are spread

through both semesters. Students have to carefully plan studies paying attention to the workload and semester in which courses are offered.

At registration, students are provided with the activity schedules relevant to the courses they register. These indicate the dates and times of activities such as day schools, assessment tests, workshops, practical classes, etc., that the University has planned for each course. It is the responsibility of the student to draw up a suitable time plan to prepare for these activities.

The students are also advised to pay attention to the fact that all courses are offered in the English medium only. Thus, it is very important that you pay a keen interest on improving your English knowledge. To prepare the student for this challenge, University offers a supportive English course for which students are advised to register at the first instance.

Selection of Courses

Subject to the specified prerequisites being fulfilled, a student could simultaneously register for courses at different levels. In most of the programmes offered by the Faculty, there are courses of which a certain level of competency is required before proceeding to a higher level. Students are strongly advised to offer such prerequisite courses in the first instance.

Support for Learning

A range of services are offered to support to students who have entered a new learning environment.

Academic Counselling

Each student is provided counselling during orientation sessions conducted before registration to academic programmes. The counsellor will guide the students and provide greater awareness about the University, the study system and other particulars regarding the programme of study. This assistance is available throughout the study period of the student and all students are advised to make best use of this service.

StART@OUSL

The StART@OUSL (Student Academic Readiness Training at OUSL) is offered to all new students registering for undergraduate degree programmes offered by the OUSL (Table 4). The main objective of this training programme is to prepare students to undertake their studies in the distance mode. Further, as Health Sciences degree programmes are conducted in the English medium this programme will help students to acquire adequate English knowledge to successfully follow the programme using the self-study system adopted by the OUSL. The training programme also helps students to learn the second national language (Sinhala or Tamil), ICT skills and other skills that are required to effectively interact with colleagues in workplace and society at large.

Table 4: Courses offered in the StART@OUSL programme

Courses		Fee (Rs.)
Compulsory Courses		
LEE3410	English for General Academic Purposes (EGAP)	4800.00
FDE3020	Empowering for Independent Learning (EfIL)	Free
Optional Courses		
CSE3110	ICT Skills	2700.00
LSE3111	Second National Language – Sinhala	1500.00
LSE3112	Second National Language – Tamil	1500.00
FEX3114	Soft Skills for Personal Development	1500.00
DSE3215	Social Harmony	1500.00

If a student decides to take LEE3410 and several other courses in the StART@OUSL, they can all be offered at a concessionary fee of Rs. 7,500/-.

Day Schools

Day schools are interactive sessions where the student will get the opportunity to meet the respective course teachers to clarify any difficulty they come across in their study material. Attendance at day schools is not compulsory. However, attending a day school well prepared will immensely help students perform well in the course.

Clinical Practice /Laboratory Work/Projects

Practical work is an integral part of many courses and attendance is compulsory. These sessions are designed to transfer clinical/practical skills and may take the form of laboratory sessions, mini projects, industrial/ field/ clinical based experiences.

Laboratory facilities are currently available only at Colombo Regional Centre. Practical guides and tutor support are provided at practical sessions. These sessions reinforce and extend theoretical knowledge, give students hands on experience, and expose them to clinical and field situations.

Online Support

In order to give the students additional help and also to familiarize them with modern learning trends and tools, some courses are supplemented with an online component. The online activities could be accessed from home or from the OUSL computer centres located in Regional/Study centres (Appendix 3). Use the following URL to access online courses: http://elearn.ou.ac.lk.

- **User name**: Student ID Number (See personal information page of Record Book for this number - different from Registration Number).
- **Password:** National Identity Card Number

MyOUSL

MyOUSL is the student web portal which all students have to access very frequently. To access MyOUSL, use the link in the OUSL home page (http://www.ou.ac.lk/) OR access by typing the following: http://myousl.ou.ac.lk/.

User name and password are the same as above.

Information will not be posted to students. Therefore, students will need to access the MyOUSL regularly to be updated with important information.

- Registration information, timetables of academic activities, reschedules, CA Test marks, etc., will be uploaded to MyOUSL.
- All urgent information and announcements will be communicated through MyOUSL. For example, for unavoidable circumstances, if a Day School or other academic activity is postponed or cancelled, you will be informed through MyOUSL.
- Information on registered courses, results, payments made, and other general information.
- Students are also required to submit applications to sit final examinations through MyOUSL.

Student Email Account

You will get an OUSL email account when you register. The student email account is based on your unique Student ID number – for example:

- **Email account name**: Student ID Number@ou.ac.lk
- **Password**: National Identity Card Number

Regularly check this email account as the University will use it to communicate important academic information.

Short Message Service - SMS

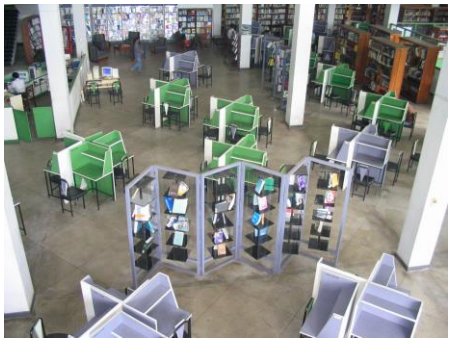
The University uses the SMS to contact students with important and urgent information. Therefore, provide your mobile number at registration to activate the service. Any SMS sent from the University will have "OPEN UNIVERSITY OF SRI LANKA" as the sender. SMS will provide provide a speedy communication channel between you and the OUSL.

Wi-Fi

Students can access the Wi-Fi network for internet access at Main Campus, Nawala. You will need to apply through your Department to use this facility.

Library

The OUSL operates a network of libraries comprising the main library at Central Campus and Regional Centre libraries located at other Regional Centres. The main library is open for students on weekdays and week-ends except on Poya days and University holidays. The libraries at Regional Centres are open during working hours each day, except on Sundays and Mondays.



The main library at Central Campus has the following: a substantial collection of books in a wide variety of subjects and many foreign and local journals; fully equipped Audio-Visual Resource Centre (AVRC) with a substantial collection of videos/ audios/CDs to supplement print material. The AVRC also provides internet facilities; In-house photocopying facilities; Facility of getting inter-library loan of books, journals and video films; past examination papers, which are also available online in the University website.

Library information sheets available at all libraries provide more details on the facilities provided and how to make use of them.

Financial Assistance - Scholarships and Bursaries

The OUSL provides the following bursaries and scholarships on merit and/or on need to provide financial assistance to those who need support for study. Guidelines and criteria for selection for the above are available in the OUSL Student Handbook or they can be downloaded from the OUSL website: www.ou.ac.lk.

- **Open University Enrolment Bursaries** - Awarded by the OUSL in the first year of enrolment for economically disadvantaged students. It is awarded to the value of 50% of the tuition fees of courses for which the student registers during the first year of registration with the University.

- **University Bursaries** - Awarded by the OUSL to the value of 50% of the tuition fees of courses for which the student registers during a particular academic year based on merit and need. A student may be awarded a University Bursary in two academic years, at different Levels of the programme. A student who has been awarded a Mahapola Scholarship can be considered for a University Bursary only in another year.
- **Mahapola Scholarships** (only for unemployed students) - Awarded by the Mahapola Higher Education Scholarship Trust Fund to the value of Rs. 8,000/- each towards the payment of tuition fees of courses, based on merit and need. Scholarship payments will be made in two instalments. The second instalment will be paid only if the conduct and academic performance are satisfactory. Mahapola Scholarship shall be awarded only once to a student. A student who has been awarded a University Bursary can be considered for the Mahapola Scholarship only in another academic year.
- **University Enhancement Bursaries** - Awarded by the OUSL to motivate the degree level students to complete the courses they have offered in a particular year and complete their degrees at a reasonably shorter period of time. The value of the scholarship varies based on the number of times the student is successful in meeting the bursary criteria. A student may be awarded a University Enhancement Bursary for a maximum of three times in his/her entire academic career. A student who has been awarded either a Mahapola Scholarship or the University Bursary is also entitled for the University Enhancement Bursary.
- **Financial assistance for undergraduates to participate for overseas training/workshops/conferences** – Part funding is made available annually on a competitive basis to a final year student of the Faculty to present a research paper (arising out of the Level 6 undergraduate research project) at a conference held internationally or to participate in a selected overseas workshop/training programme.

Other scholarships awarded by the Faculty of Health Sciences on merit basis are listed elsewhere.

Study Leave for Nurses, MLTs and Pharmacists

Nurses, Medical Laboratory Technologists and Pharmacists attached to the Ministry of Health following the BSc Hons in Nursing, BMLS Hons or BPharm Hons Degree programmes, respectively, are entitled for 30 days of study leave per year.

Refer the Circular No. 01-01/2016(1) dated 10.03.2016 (for Nurses) and Circular No. of 01-37/2016 dated 23.06.2016 (for MLTs and Pharmacists), issued by the Secretary to the Ministry of Health. Copies of this circular can be obtained from the relevant Department in the Faculty.

Administrative Divisions Providing Support

Regional Educational Services

The University has a network of Regional and Study centres distributed throughout Sri Lanka (Fig.1). These centres provide facilities for distribution of course materials, limited reference facilities at libraries, counselling as well as limited academic activities for some programmes. OUSL computer laboratories (Appendix 3) at most of the Regional/Study centres provide computer and internet facilities.

Student Affairs & Welfare Division

The Student Affairs & Welfare Division located in the administrative building of the Nawala Central Campus is responsible for maintaining all personal and academic records of the OUSL students. In case of loss of Record book or change of address, students should immediately inform the Student Affairs & Welfare Division. Students should also contact this Division for other matters pertaining to registration of students, such as changes to the medium of study, study centre, civil status. This Division is also dedicated to foster an environment where all students feel welcomed and respected.

Some of the specific welfare functions coming under this Division are.

- Selection and approval of students for bursaries/scholarships
- Facilitate the management of TRF facility and other common amenities

- Initiate activities to enhance student welfare, social harmony and ethnic cohesion among students
- Entertain complaints and grievances from students
- Coordinate student counselling services

Contact details: Senior Assistant Registrar (SAR), Student Affairs & Welfare Division, The Open University, P. O. Box 21, Nugegoda. Telephone: 011-2823920/011- 2881205.

Examinations Division

Any query regarding examinations should be forwarded to the SAR/ Examinations. Examinations Division will send you relevant admission forms for sitting examinations. Students may also request for results sheets, and certificates from the Division by paying a relevant fee.

*Contact details: **S**enior Assistant Registrar (Examinations), The Open University, P. O. Box 21, Nugegoda. Telephone: 011- 2881203 /011-2881350.*

Finance Division

The Finance Division is the administrative branch dealing with student fees. Any queries related to course fees should be forwarded to the Finance Division. The Colombo Regional Centre has a Shroff counter that is open from 9.00 a.m. to 3.00 p.m. with a half hour break from 12.00 noon to 12.30 p.m. on week days. Payments for requesting certificates and results sheets can be made at the Shroff counter.

Contact details: Bursar, The Open University, P. O. Box 21, Nugegoda. Telephone: 011- 2881208.

Other Forms of Student Support and Welfare

Student Counselling

General counselling on non-academic student matters is available to all students through the Chief Student Counsellor and two Faculty Student Counsellors.

All Students are advised to approach the following two Faculty of

Health Sciences Student Counsellors in the first instance.

Dr. KA Sriyani, Senior Lecturer, Dept. of Nursing - Telephone: 2881325

Mrs. B.D.D. Thejani Bulathwatta, Lecturer (Probationary), Dept. of Psychology & Counselling - Telephone: 2881000-ext 722

Temporary Residential Facilities (TRF)

The University provides temporary residential facilities for a limited number of students for a limited period at Colombo, Kandy and Matara Regional Centres for attending academic activities. The application form to request for this facility needs to be collected from the Senior Assistant Registrar/General Administration or from the reception desk at the TRF facility and certified by the relevant academic staff member prior to using this facility. The rules and regulations pertaining to the use of TRF are available in the Student handbook and downloadable from the OUSL website.

Healthcare Centre

A Healthcare centre that provides medical facilities is available at the Central Campus, Nawala for the benefit of all staff and students. This Centre is located close to the Pre School and is normally open on weekdays except on University holidays and public holidays. GP and other trained personnel provide basic first aid and medicine free of charge.

Telephone :-011-2881458

OUSL Counselling Unit

The Healthcare Centre has a Counselling Unit, which offers free and confidential counselling services to promote mental health and well-being of the students and staff. Professional Counsellors provide individual, couple and group counselling as well as workshops and talks on relevant aspects. Anyone who has work or exam stress and adjustment issues, relationship or family issues, personality problems, death and long-term illness, drug and alcohol problems, or any other issue affecting day to day life or disturb the concentration on studies can seek help from the Counselling Unit. The Counselling Unit is administered by the Department of

Psychology & Counselling. More details can be obtained from their webpage or by directly contacting the Unit.

Location & contact details: Counselling Unit, Healthcare Centre, Nawala. Telephone: 011- 2881361; email: counsellor@ou.ac.lk

Physical Education Division and Sports Activities

The Physical Education Division is dedicated to facilitate sports activities and participation of students in sports events organized by other higher education institutions. The OUSL Sports Week is a major event organized by the university for students.

Canteens

Meals and other refreshments can be purchased from the University canteens at reasonable prices. Canteens are available at Nawala both in the Central Campus (near the Administration Block) and the Colombo Regional Centre (near the Faculty of Health Sciences premises). Canteens are also available at the Kandy and Matara Regional Centres. The canteens provide services on all weekdays and weekends except on University holidays.

Facilities for Payments of Fees

Payment facilities are available to students at the Shroff counter in the new CRC Building (adjoining registration area). It is open on weekdays from 9.00 am – 3.00 pm on weekdays, with a lunch break in between. You may also make tuition fee payments at any Peoples Bank (the closest branch is at the Nawala-Narahenpita Junction).

Photocopying Facilities

Photocopying facilities are available at the library, student union and at Natural Sciences Alumni Association photocopy centre at reasonable rates.

Career Guidance Unit

This Unit is located in the new CRC Building at Nawala and conducts activities to help OUSL students and graduates to enhance their career

development skills and to optimise employment opportunities available to them. StART@OUSL programme is also coordinated by this unit.

University Students' Union

The Open University Student's Union (OUSU) is the legitimate body that represents students. The main objective of the OUSU is to represent the needs of all OUSL students at the University, at the national and international level. The OUSU will be the bridging mechanism between the students and the University administration. Each Faculty also has a Faculty Student Union, including two Faculty Board representatives. The members/representatives are elected by ballot; elections, nominations, voting, etc., are governed by the By Law No. 03 of 2015, as amended. More information is available on the OUSL website.

Co-Curricular Activities

Societies/Associations in the University organise many social, cultural, religious and educational activities/functions that students can take part. The Health Web of the OUSL is the staff-student Society of the Faculty of Health Sciences that aims to regularly organise Guest lectures and other co-curricular activities, to broaden the knowledge and skills of the students.

Admission and Registration

Students selected for admission to the different programmes of study offered by the Faculty are notified and will be required to register themselves on a specified date. The first time you register for the programme at the OUSL, you are referred to as a **new registrant**. When you register for courses in the subsequent years, you are called a **re-registrant**.

If a student does not renew his/her registration for 5 consecutive years, the registration to the programme will lapse.

Orientation Sessions

To help familiarize new students with the OUSL and its programmes, the Faculty organises pre-registration orientation sessions. Prior to registration, students are required to download from the relevant department website the registration package that contains essential registration forms and information. You are strongly advised to carefully read all the information given in this package. Counsellors are also available to advise and help students during the sessions.

Registering for Courses

Students register for each course of the programme individually at the beginning of the academic year. New registrants should register for a minimum of 08 credits at their first registration and the maximum allowable credits is 30.

Students registering for courses with an academic value adding up to 30 credits are reminded that they are expected to devote on the average a minimum of 40 hours of study per week for an academic year. This corresponds approximately to the workload undertaken in an academic year by a full-time student in a conventional University. Many students, who are either employed or with other commitments find it difficult to spend this much of time for their studies and handle this full workload. Registering for a workload that is difficult to cope, will adversely affect the academic performance. Students are therefore **strongly advised not to register for more than 24 credits** especially in their first year of study. Those registering for courses adding up to less than 30 credits are expected to devote a proportionate minimum number of hours of study.

Studentship Only

A re-registering student can decide not to register any courses in a given year. However, in this case it is mandatory that you register under the category of *studentship only*. Studentship should be obtained within 5 months of the end of the registration period. Beyond this, renewal of registration is permitted only during a registration period, with a financial penalty. It is also important to note that if a student does not renew the studentship for five consecutive

years, registration to the programme will lapse.

A student who has obtained studentship will be called for registration for the subsequent academic year. He/she will also be able to sit examinations in eligible courses, if any, in previous years.

New students cannot register in the "studentship only" category. If they are not offering any courses in their first year, they are required to apply again as new students and sit for the selection test.

Making Changes to Registered Courses

Students who have registered for programmes and wish to change courses are permitted to do so within a specified period known as the 'add/drop period' and the 'drop only period'.

Changes During Add/Drop Period

You are permitted to add or drop courses on the dates assigned for this purpose by completing a form that can be collected from the Assistant Registrar of the Faculty. If you drop courses you had registered, during this period, the relevant course fee will be credited to your account. In making changes to registered courses, the total 30 credit maximum or the 8 credit minimum limit per academic year, as well as other level or course pre-requisites, need to be maintained.

When dropping courses during add/drop period, the course material issued to you should be returned to the Book Centre.

Changes During Drop Period

After the add/drop period, you are **not permitted to add courses**. However, during the drop period, which runs beyond the add/drop period, you are permitted to drop courses. In this case, the course fees already paid will NOT be refunded or carried over to the next academic year. However, such students will NOT be considered as repeat students when they register for the said courses in the next academic year.

It is very important to note that students who do not sit for continuous assessments/participate in other compulsory academic activities after

the drop period will be considered as **repeat students** for that course in the next academic year.

Getting Exemptions for Courses

Students may request for specific exemptions from a course based on relevant qualifications they already possess. Applications for claiming such exemptions can be downloaded from the Faculty of Health Sciences webpage. Duly completed application forms together with proofs for such qualifications and relevant course descriptions **should be forwarded to the Head of the relevant Department before the deadline given in Appendix 5**. After assessment of the qualifications, the Faculty will inform the student if exemptions could be granted. It is the responsibility of the student to claim such exemptions granted at add-drop or at a subsequent registration. Total credit exemptions so granted shall not exceed half of the total credit requirement for the Award.

Nursing, MLS and Pharmacy students who possess qualifications listed in the Tables 7, 13 and 18, respectively, NEED NOT apply for exemptions separately as the Senate has already approved the same.

It is important to note that the **marks assigned for a course with an exemption is equivalent to that of a minimum pass grade (C grade)**. An exemption processing fee will be charged for each exemption claimed.

Assessment and Evaluation

Continuous Assessments and Eligibility

A student's progress in each course is assessed continuously by means of assignments and/or assessment tests and/ or Practical tests. The assessment tests could be conventional No Book Tests (NBT) or Open Book Tests (OBT). An **overall continuous assessment mark**, termed as **OCAM**, is computed based on marks of assignments/assessment tests/practical tests.

Only those students who obtain a specified minimum overall OCAM, termed as obtaining **eligibility** to sit the final exam, are permitted to sit the end of semester final examination for that course. The minimum OCAM needed to obtain eligibility may differ from programme to programme. Refer the relevant sections that describe individual programmes for more information in this regard.

Eligibility obtained is **valid only for two academic years** including the year in which the eligibility is obtained. After the lapse of an eligibility obtained, you will not have the opportunity to sit the final examination to upgrade $C^-/D^+/D/E/RX$ grades. If you need to upgrade such grades, you will be required to re-register for the course and obtain eligibility once again.

Final Examinations

The Faculty operates a two semester system for its courses in most programmes. The final examination of each course is held at the end of the relevant semester.

It is **compulsory** that you **apply online to sit for final examinations** through MyOUSL. To apply, select *'Exam Registration'* link on the left panel and select the programme and courses as relevant to you. You will be informed when you have access to this final exam application. Usually the deadline will be 8 weeks prior to the start of examination period of each semester. Even though you have to apply before the eligibility marks are known, it is important to note that the **Admission Card** that permits you to sit the exam will be generated, only if you have obtained the required eligibility mark/overall CA mark.

Students are strongly advised to take into notice that the eligibility or OCAM mark for a course can be carried forward only up to a limited period of time from the year of sitting continuous assessment tests. **Students are therefore strongly advised not to postpone sitting final examinations unless due to unavoidable reasons.**

If a student postpones sitting final examinations under unavoidable

circumstances, he/she is not requested to produce medical or other letters/ certificates to explain their absence. RX is the grade given for absent students. However, the Faculty has observed over the years that the students who postpone sitting the final examinations do not perform well.

Repeat Students

Any student failing to obtain eligibility to sit the final examination for any particular course will get the Grade F and have to re-register for that course in a subsequent year by re-paying the tuition fee. Such a student will be considered as a repeat student for that course. Repeat students will not be eligible for a grade higher than Grade C for the repeat course.

Students are strongly advised not to register for too many courses which they cannot cope up with and thereby run the risk of becoming repeat students in a subsequent year.

Resit Candidates

Students who are eligible but fail to obtain a minimum pass mark at the final examination will be considered as resit candidates. Resit candidates need not re-register for that particular course at a subsequent registration, provided the student is writing the examination before the end of the eligibility valid period. However, like repeat students, resit students are not eligible for a grade higher than a Grade C at subsequent attempts of the final examination. Resit candidates are not required to repay any course fee but have to pay the resit examination fee.

Payment of Fees

The fees applicable are described under the relevant academic programme. Fees of all programmes are payable in two instalments. Each student will initially receive a voucher for the first instalment that includes 60% of the Tuition fees. After payment, the University copy of the voucher should be handed over at registration/ re-registration. The voucher for the second instalment that corresponds to the balance of the fees payable after making adjustments for the fees already paid will be sent to you about four

months after the registration (by second semester). After you make this payment, the bank copy should be forwarded to the SAR/ Student Affairs without delay. You will need to pay the voucher for the second instalment to receive the second semester course material.

The student copies of the vouchers are for your records. Students should not make any changes to the printed vouchers. Contact the Bursar (011-2881208), if you have any queries.

Awards for Academic Achievements

The outstanding academic achievements of students are recognized by the Faculty by offering them a number of Awards.

Awards Presented at the Convocation

- **Athabasca University Gold Medal for the Best Student in BSc Honours in Nursing**

  This Gold Medal is supported by a fund established through an original donation made in 1997 by the Athabasca University, Canada who provided academic collaboration for the commencement of the BSc Nursing Degree programme. Each year, the student having the best overall performance in the BSc Honours in Nursing Degree programme will receive a Gold Medal, a cash prize of Rs. 10.000/- and a Certificate at the Convocation.

  Criteria:
  To qualify for the Gold Medal, a student should have**:**

  a) Satisfied the criteria for the award of the BSc Honours in Nursing Degree, with a minimum GPA of 3.70 and First Class, and,
  b) Obtained the highest GPA for a) above.

  In case more than one student qualifies for the Gold Medal based on above criteria, the number of A grades or higher will be considered to select the winner. In the event of a tie based on the number of A grades or higher, the Gold medal and cash prize shall be individually awarded to

each joint winner.

A student who has been found guilty of any examination offence or offence related to any disciplinary matter shall not be eligible for the Gold Medal.

- **Roberta L. Carey Prize for Excellence in Nursing**

This prize is supported by a fund established in 1997 with an original donation from Prof. Roberta L. Carey who was the Project Director, Canadian International Development Agency (CIDA) for the first 5 years of the BSc Nursing Degree Programme. The recipient will receive a cash prize of Rs. 10,000/- and a Certificate at the Convocation.

Criteria:

To qualify for the prize, a student should have:

a) Satisfied the criteria for the award of the BSc Honours in Nursing Degree, with a minimum GPA of 3.30 and Second Class Upper, and,
b) Completed a minimum of 24 credits of compulsory regular courses at Level 6 with a minimum of B^- Grades, and,
c) Completed in the year of obtaining eligibility, a minimum of 15 credits of Level 6 courses considered for award of the degree, and,
d) Obtained the highest GPA for the 30 Credits of Level 6 courses considered for the award of the degree.

In case more than one student qualifies for the prize based on the above criteria, the number of A grades or higher will be considered to select the winner. In the event of a tie based on the number of A grades or higher, the cash award shall be equally shared between the joint winners.

- **Chandra de Silva Memorial Award in Nursing**

This award is supported by a fund established in 2007 with an original donation from Mr. PLN de Silva in memory of his wife Mrs. Chandra de Silver, former Project Coordinator CIDA BSc Nursing Degree project and Senior Consultant of the Dept. of Health Sciences, OUSL. The recipient will be awarded a cash prize of Rs. 8000/- and a Certificate at the Convocation.

Criteria:

a) Satisfied the criteria for the award of the BSc Honours in Nursing Degree, with a minimum GPA of 3.30 and Second Class Upper, and,
b) Completed in the First attempt, the 30 Credits of Level 5 courses considered for the award of the degree, and,
c) Obtained the highest GPA for the courses in b) above

In case more than one student qualifies for the award based on the above criteria, the number of A grades or higher will be considered to select the winner. In the event of a tie based on the number of A grades or higher, the cash award shall be equally shared between the joint winners.

- **Nandani de Silva Gold Medal for the best student in Bachelor of Medical Laboratory Sciences Honours**

This Gold Medal is supported by a fund established by the Faculty of Health Sciences. Each year, the student having the best overall performance in the Bachelor of Medical Laboratory Sciences Honours Degree programme will receive a Gold medal, a cash prize of Rs. 5,000/- and a Certificate at the Convocation.

Criteria:

a) Satisfied the criteria for the award of the BMLS Hons Degree, and,
b) Obtain minimum GPA of 3.70 for courses considered for award of degree at levels 4,5 & 6, and,
c) Obtained the highest GPA for b) above.

If more than one student qualifies based on above criteria, the number of A grades or higher will be considered to select the winner. In the event of a tie based on the number of A grades or higher, the Gold medal shall be awarded to each winner individually.

- **Prof. Tuley De Silva Gold medal for the best student in Bachelor of Pharmacy Honours**

This Gold Medal is supported by a fund established by the Faculty of

Health Sciences. Each year, the student having the best overall performance in the Bachelor of Pharmacy Honours Degree programme will receive a Gold Medal, a cash prize of Rs. 5,000/- and a Certificate at the Convocation.

Criteria:

a) Satisfied the criteria for the award of the BPharmHons Degree, and,
b) Obtain minimum GPA of 3.7 for courses considered for the award of Degree at Levels 4,5 & 6, and,
c) Obtained the highest GPA for b) above.

If more than one student qualifies based on above criteria, the number of A grades or higher will be considered to select the winner. In the event of tie based on the number of A grades or higher, the Gold medal shall be awarded to each winner individually, with the cash prize shared between the joint winners.

If more than one student qualifies based on above criteria, the number of A grades or higher will be considered to select the winner. In the event of a tie based on the number of A grades or higher, the Gold medal shall be awarded to each winner individually, with the cash prize shared between the joint winners.

A student who has been found guilty of any examination offence or offence related to any disciplinary matter shall not be eligible for any of the above Gold medals or Awards.

Other Awards

Dean's List Awards

A student registered in an undergraduate programme (Levels 3 to 6) offered by the Faculty of Health Sciences will qualify to be placed on the Dean's List of the relevant academic year, provided the following criteria are fulfilled:

a) Completed the final examinations of a minimum of 21 credits (other than continuing education courses), with a GPA of 3.70 or higher, in year of obtaining eligibility to sit the final examinations, and,

b) Obtained C grades or above for any credits completed at the final examinations of the relevant academic year (including final examinations of courses sat over and above the minimum 21 credits considered), and,

c) No Repeats (F Grades) or Resits are permitted among the total registered courses in the relevant academic year; RX grades are permitted, and,

d) No disciplinary action should have been taken against the student.

Special Benefits to Students

– Each student placed on the Dean's List will receive a Letter of Commendation from the Dean of the Faculty of Health Sciences.

– A scholarship to the value of 21 credits will be awarded to the top 20% of students (in order of merit) placed on the Dean's List of each programme, provided the student has not been awarded such scholarship/bursary under any other scheme for the relevant year.

Astron Scholarship for Pharmacy

This scholarship is offered by the Astron Limited to the value of Rs. 60,000 per year, to be awarded in 4 instalments to a student following the Bachelor of Pharmacy Honours Degree programme.

Eligibility criteria:

a) Obtained registration for a minimum of 21 credits of regular courses at Levels 5 and/or 6 in the particular academic year, and,

b) Completed/obtained eligibility /registered for not more than 15 credits of regular courses at Level 6, and,

c) Completed the final examinations of all Regular courses at Level 4 in 30 credits, with a minimum of C grades, and, obtained a GPA of 2.70 or higher, and,

d) No disciplinary action should have been taken against the student.

Selection of the recipient:

(i) Student who has the highest GPA [for c) above] from among those eligible shall be awarded the scholarship.

(ii) In the event more than one student qualifies for the scholarship based on the criterion (i) above, the raw weighted average [of courses referred to in c) above] will be considered for the award.

(iii) In the event of a tie based on criterion (ii) above, the scholarship shall be shared between the joint winners.

Any individual student shall be eligible to receive the scholarship only once.

OUSL Holidays

The OUSL recognizes seven (07) special holidays on which no compulsory activities will be scheduled.

1. Thaipongal Day
2. Independence Day
3. Sinhala and Hindu New Year Day
4. May Day
5. Wesak Full Moon Poya Day
6. Prophet Mohamed's Birthday
7. Christmas Day

Part 2

Departments & Staff

Principal Officers of the Faculty

Prof. Gaya Ranawaka
Dean
Faculty of Health Sciences

Mr. M. R. M. Haniffa
Head
Department of Basic Sciences

Ms. P.W.G.D.P. Samarasekara
Head
Department of Pharmacy

Dr. W. N. Priyanthi
Head
Department of Nursing

Dr. Gayani P. Gamage
Head
Department of Psychology and Counselling

Dr. Dulharie T. Wijeratne
Head
Department of Medical Laboratory Sciences

Ms. S. A. D. D. N. Samarasinghe

Assistant Registrar
Faculty of Health Sciences

Department of Nursing

Welcome to the Department of Nursing!

The Department of Nursing offers a Bachelor of Science Honours Degree in Nursing programme in a vibrant and supportive learning environment to prepare nurses for a rewarding career in the health care profession. We are proud to note that we launched our degree programme in July 1994 as the first such Nursing Degree in Sri Lanka, with the assistance of the Athabasca University, Canada and the Canadian International Development Agency (CIDA).

We have designed the courses specially to nurture our nursing graduates to go beyond the narrow application of technical procedures at a patient's bedside and take leading roles in transforming the health care system, both nationally and globally. In keeping with sustainable development in Nursing in the future, we aspire our graduate nurses to take responsibility to ensure healthy lives and promote well-being for all at all ages; children, youth and future generation without any distinction of any status.

Staff - Department of Nursing

Dr. W.N. Priyanthi
Head/Senior Lecturer Grade II
BSc Nursing (OUSL), PhD (Colombo),RN,
0112881325
hdnurse@ou.ac.lk;
wnpri@ou.ac.lk

Mr. B. Sunil S. De Silva
Senior Lecturer Grade I
(On Leave)
BSc Nursing (OUSL), MN (RES) (Melbourne), RN
bssil@ou.ac.lk

Ms. A.V. Pramuditha Madhavi
Senior Lecturer Grade II
(On Leave)
BSc Nursing (OUSL), MN (Toronto), RN,RM
avpma@ou.ac.lk

Ms. P.W.G.D.P. Samarasekara
Senior Lecturer Grade II
BSc Nursing (OUSL), PGDDE (OUSL), MPhil (Kelaniya), RN,RM
0112881131
pwsam@ou.ac.lk

Ms. K.G.P.K. Munidasa
Senior Lecturer Grade II
BSc Nursing (OUSL), M.Phil (Peradeniya) RN
kgmun@ou.ac.lk

Dr. K.A. Sriyani
Senior Lecturer Grade II
BSc Nursing (OUSL), PhD (USJP) RN
011288325
kasri@ou.ac.lk

Ms. G.G.W. Chamali Wijesekara
Lecturer in Nursing
(On Leave)
BSc Nursing (USJP), RN
ggwij@ou.ac.lk

Mr. Harith E. Yapa
Lecturer (Probationary)
(On Leave)
BSc Nursing (USJP), RN
heyap@ou.ac.lk

Ms. M. Laavanya
Lecturer (Probationary)-ARC
(On Leave)
BSc Nursing (Eastern University)
mlaav@ou.ac.lk

Ms. H.U.C. Nuwansala
Lecturer (Probationary)
BSc Nursing (USJP)
cnuwansala@gmail.com

Ms. N.R. Kuruppu
Lecturer (Probationary)
BSc Nursing (Ruhuna)
nipunarandini@gmail.com

Ms. P.N. Hewabatage
Lecturer (Probationary)
BSc Nursing(OUSL),RN
pavithra.nadeeshani@yahoo.com

 **Ms. A.S.P.L. Senadheera** **Lecturer (Probationary) – BaRC** *BSc Nursing (Peradeniya)* lakmalisenadheera89@gmail.com	 **Ms. R. M. A. Chamika** **Temporary Lecturer** *BSc Nursing (Peradeniya), RN* 011288325 rmcha@ou.ac.lk	 **Ms. M. A. R. Saumika** **Temporary Lecturer** *BSc Nursing (USJP), RN* 011288325 rasodasaumika@gmail.com	 **Ms K. Aloysious** **Academic Coordinator – BRC** *BSc Nursing (OUSL), RN, RM* karunanithyaloysius@yahoo.com
 **Mr. N.S.K.M. Liyanage** **Academic Coordinator – CRC** *BSc (OUSL), MSc (App. Psychology, Colombo), Dip.OT.(SL), SROT (UK)* nimal_l@hotmail.com	 **Ms. N. M. Patterson** **Academic Coordinator –RRC** *BSc Nursing (USJP), RN* *Nishara527@gmail.com*	 **Ms. S. Vinujaa** **Lecturer (On Contract) – JRC** *BSc Nursing (Peradeniya)* selvavinuja@gmail.com	 **Ms.J.G. Piyarathna** **Lecturer (On Contract) – KRC** *BSc Nursing (USJP), RN* jpiyarathna@gmail.com
 **Ms. I. M. Senerath** **Lecturer (On Contract) – MRC** *BSc Nursing (USJP), RN* imalkamadushani48@gmail.com	 **Ms. R.A.N. D. Ranaweera** **Demonstrator** *BSc Nursing (KDU)* 011288325 disalaranaweera1992@gmail.com	 **Ms. K. M. O. N. Perera** **Demonstrator** *BSc Nursing (KDU)* 011288325 mayumiomaya@gmail.com	 **Ms. K. I. D. Fernando** **Demonstrator** *BSc Nursing (USJP), RN* 011288325 fernandokid91@gmail.com

 **Ms. K. D. D. Lochana** **Demonstrator** *BSc Nursing (USJP), RN* 011288325 dineshielochana@gmail.com	 **Ms. J. Nadeeshani** **Demonstrator** *BSc Nursing (KDU)* 011288325 nadeeshanij7@gmail.com	 **Ms. M. P. Karunathilaka** **Demonstrator** *BSc Nursing (KDU)* 011288325 madarapree@gmail.com	 **Ms. A.C.N. Athukorala** **Computer Application Assistant**
 **Mr. M.D.D. Kumarasiri** **Laboratory Attendant**	 **Mr. A. G. D. Ransara** **Works Aide**		

Department of Medical Laboratory Sciences

Welcome to the Department of Medical Laboratory Sciences!

The Department of Medical Laboratory Sciences offers a Bachelor of Medical Laboratory Sciences Honours Degree programme for registered Medical Laboratory Technologists serving in the public and private sectors.

Medical Laboratory Sciences directly deals with humans. The most important role of a Medical Laboratory Scientist is the performance of diagnostic services that help determine lifesaving treatment options. Successfully completing a degree programme in this field will enable the graduates to practice as professional Medical Laboratory Scientists who are well-equipped with theoretical and practical competencies, with diverse career opportunities in hospitals, universities, government and laboratories.

The Department is also planning to offer standalone courses in the areas of Medical Laboratory Sciences in the future to cater for those who wish to continually update their knowledge and skills.

Staff- Department of Medical Laboratory Sciences

Dr. Dulharie T. Wijeratne
Senior Lecturer Grade II
B.Sc. MLT (India)
MSc.(UK)
PhD (Australia)
dtwij@ou.ac.lk

Ms. B.M.C. Randika Wimalasiri
Lecturer (Probationary)
(On Leave)
B Sc. MLS
(Peradeniya)
bmwim@ou.ac.lk

Mr. E.W.S. Chameera
Lecturer (Probationary)
(On Leave)
B Sc. MLS
(Peradeniya)
echa@ou.ac.lk

Ms. R.S.R. Rajakulasooriya
Lecturer (Probationary)
B.Sc. MLS (USJP)
rsraj@ou.ac.lk

Ms. H.M.S.P. Herath
Lecturer (Probationary)
B.Sc. MLS
(Peradeniya)
hmshe@ou.ac.lk

Ms. R.G.L. Rathnayake
Lecturer (Probationary)
B.Sc. MLS (USJP)
rgrat@ou.ac.lk

Mr. G.L.S. Galgamuwa
Lecturer (On Contract)
B.Sc. MLS
(Peradeniya)
MPhil (Peradeniya)

Ms. K.A.A. Dilhari
Lecturer (On Contract)
B.Sc. MLS
(KDU)
ayomidk2010@gmail.com

Ms. B. Y. Alvitigala
Demonstrator
B.Sc MLS (KDU)
byalv@ou.ac.lk

Ms. A. H. N. Jayarathna
Demonstrator
B.Sc MLS
(KDU)
ahjay@ou.ac.lk

Mr. H. A. K. I. Dharmakeerthi
Demonstrator
B.Sc MLS
(KDU)
hakdh@ou.ac.lk

Ms. H. P. K. Uthpala
Demonstrator
B.Sc MLS
(USJP)
hpkalani1007@gmail.com

 **Ms. U. L. S. D. Sarathchandra** **Demonstrator** *B.Sc MLS (USJP)* sweenasarathchandra@gmail.com	 **Ms. A. Priyanka** **Demonstrator** *B.Sc MLS (USJP)* Piriyankaa2610@gmail.com	 **Ms. S. N. Wijemanna** **Management Assistant**	 **Mr. K.L.S. Dilshan** **Technical Officer**
 **Mr. T.G.T.L. Saumayasiri** **Laboratory Attendant**	 **Mr. K.M.G.G.W.K. Kulasekara** **Works Aide**		

Department of Pharmacy

Welcome to the Department of Pharmacy!

Pharmacy is the profession responsible for the appropriate use of medications, devices and services required to achieve optimal therapeutic outcomes. Pharmacists therefore need to be well-equipped with knowledge, attitudes and skills required to deliver high quality, consistent and safe services to their clients.

In order to cater to dynamic needs of the Pharmacy profession in the health care sector and the relevant academic and research fields, we offer a pharmacy undergraduate programme that leads to the Degree in Bachelor of Pharmacy Honours. Our programme is designed to develop motivated, self-directed personnel who have the capacity to efficiently and effectively contribute to their profession and the work place, maintaining national and international standards.

Staff – Department of Pharmacy

Ms. P.W.G.D.P. Samarasekara
Head of the Department
Senior Lecturer Grade II
B.Sc. Nursing (OUSL), PGDDE (OUSL), MPhil (Kelaniya), RN,RM
0112881131
hdpharma@ou.ac.lk

Ms. R.B. Janani Buddhika
Lecturer (Probationary)
B. Pharm (USJP), PGD in AOC (Colombo)
rbbud@ou.ac.lk

Ms. Nimmi Dilsha
Lecturer (Probationary)
B.Pharm (USJP)
radil@ou.ac.lk

Ms. A.S.D. Wickramasinghe
Lecturer (Probationary)
(On leave)
B.Pharm (USJP)
aswic@ou.ac.lk

Mr. H.A.D.B. Amarasri
Lecturer (Probationary)
B.Pharm (Peradeniya)
haama@ou.ac.lk

Ms. A.M.V.G.N. Mamunuwa
Lecturer (Probationary)
B.Pharm (Peradeniya)
ammam@ou.ac.lk

Ms. D.T.N. De Silva
Lecturer (Probationary)
B.Pharm (USJP)
dtsil@ou.ac.lk

Ms. K.A.I. Priyangika
Lecturer (Probationary)
B.Sc.- Pharmacy Hons (Colombo)
M.Sc.- Belgium
kapri@ou.ac.lk

Ms. S. Sabalingam
Lecturer (Temporary)
B.Pharm (USJP)
ssaba@ou.ac.lk

Ms.S.B.H.P. Kumari
Demonstrator
B.Pharm (KDU)
sbkum@ou.ac.lk

Ms. B.G.O.H. Kumari
Demonstrator
B.Pharm (Peradeniya)
hansani134@gmail.com

Mr. N.A.R. Sadakalum
Demonstrator
B.Pharm (Peradeniya)

Ms. G.Y.M.H. Bandara
Demonstrator
B.Pharm (Peradeniya)
hansani34h@gmail.com

Ms. A.D.D. Sewwandi
Demonstrator
B.Pharm (Peradeniya)
doothikasewwandi92@gmail.com

Ms. W.G.P.L. Wedagedara
Management Assistant
wgwed@ou.ac.lk

Mr. W.V. Pushpakumara
Laboratory Attendant

Mr. W.D.K.D.M. Vithanage
Works Aide

Department of Basic Sciences

Welcome to the Department of Basic Sciences!

As one of the six departments in the Faculty of Health Sciences, the Department of Basic Sciences currently offers course modules in the fields of Human Anatomy, Physiology, Biochemistry and Microbiology, and Health Statistics for the Nursing, Medical Laboratory Sciences and Pharmacy Honours Degree Programmes offered by the respective Departments of Study in the Faculty of Health Sciences. Our Department is also planning to offer other programmes /courses for the career development of health and allied health professionals.

Staff – Department of Basic Sciences

Mr. M.R.M. Haniffa
Head of the Department
Senior Lecturer
B.Sc. (Colombo), M.Sc. (Hawaii), M.I. Chem. C., Chartered Chemist
0112881000-ext 663
hdbasicsc@ou.ac.lk

Dr. K. Vivehananthan
Senior Lecturer Grade I
B.Sc. (Jaffna), M.Sc. (Colombo), PhD (ICGEB, JNU, India)
0112881000-ext 721
kvive@ou.ac.lk

Dr. O.K.D.U.P. Nishshanka
Senior Lecturer Grade II
B.Sc. (Kelaniya), M.Sc. (Stevens Institute of Technology, USA) PhD (Stevens Institute of Technology, USA)
0112881000-ext 721
oknis@ou.ac.lk

Ms. B.M. Pradeepa Basnayake
Lecturer (Probationary)
B.Sc. Human Biology (USJP)
0112881000-ext 721
bmbas@ou.ac.lk

Ms. Dinithi de Silva
Lecturer (Temporary)
B.Sc. Statistics (Special) (USJP)
0112881000-ext 721
kkdinithisandunika@gmail.com

Ms. H.K.Hiruni
Demonstrator
B.Sc. Chemistry (special) (Kelaniya)
0112881000-ext 721
h.k.hiruni@gmail.com

Department of Psychology & Counselling

Welcome to the Department of Psychology and Counselling!

Psychology is the study of the mind, body and behaviour with all its complexities and interactions. The goal of the studying the discipline of Psychology is to explore human behaviour within a scientific framework and understand human experiences within relevant contexts.

A degree in Psychology is the first step towards becoming a professional Psychologist, whether it is in the field of Counselling, Organizational, Educational, Health, Developmental or Clinical Psychology. A Psychology degree is also relevant to a wide range of other professions such as social work human resource management, military, business and consumer research areas. The department aims to deliver the content of the degree by assimilating theoretical knowledge, scientific practice and research to applications within the Sri Lankan context.

Our Department commenced offering a four-year Bachelor of Science Honours Degree in Psychology from 2018. We aim to provide a supportive learning environment for all individuals interested in developing skills that will help them to advance their career prospects both within and beyond Psychology.

Staff – Department of Psychology & Counselling

Dr. Gayani P Gamage
Head of the Department
&
Senior Lecturer Grade II
BSc (Hons) in Psychology (City, UK),
MSc in Health Psychology (LMU, UK),
PhD in Psychology (UEL, UK)
0112881000- ext 702
hdpcoun@ou.ac.lk

Dr. Chulani Herath
Senior Lecturer Grade II
BA (Hons.) in Psychology (Peradeniya), MSW (NISD, SL),
PhD in Social Medicine and Health Management (Tongji Medical College, HUST, China)
hmche@ou.ac.lk

Ms. B.G. Ransirini de Silva
Senior Lecturer Grade II
BSc Psychology (Missouri,USA),
PGD Counselling & Psychosocial Support (Colombo),
MPhil Clinical Psychology (Colombo).
bgsil@ou.ac.lk

Ms. B.D.D. Thejani Bulathwatta
Lecturer (Probationary)
BA (Hons.) in Psychology (Peradeniya)
MSc in Psychology (Mysore, India)
MSc in Organisational Management (Peradeniya)
bdbul@ou.ac.lk

Ms. F. Raeesah Adjie
Demonstrator
BSc Psychology (Coventry, UK)
PGD Psychology (Peradeniya)
fraad@ou.ac.lk

Ms. A.M.T.T. Karunawardena
Demonstrator
BSc (Hons) in Psychology (Cardiff Metropolitan, UK)
amkar@ou.ac.lk

Ms. P. G. I.D. Weerasinghe
Management Assistant
pgwee@ou.ac.lk

Mr. N. G. Kavindu Heshan
Works Aide

Part 3

Academic Programmes of Study

Bachelor of Science Honours in Nursing

Bachelor of Science Honours (BScHons) in Nursing degree programme is designed to develop a professional nurse who is a "generalist", with advanced knowledge to provide quality care in every aspect of nursing practice.

Aim

This programme aims to develop competent professional nursing graduates with broad knowledge, skills and favourable attitudes to provide quality care in every aspect of nursing practice. It is designed to contribute to the development of a graduate who will demonstrate a sense of commitment, social and personal responsibility, and sensitivity and responsiveness to the needs of others.

Specific Objectives

Upon completion of the BSc Honours in Nursing degree programme, a nursing graduate is expected to:

1. Enhance knowledge to make judgments and informed decisions in relation to the practice of nursing.
2. Improve the capacity to integrate knowledge, skills and professional attitudes to provide rational, safe and client-centred standardized nursing care.
3. Improve critical thinking abilities to provide a holistic nursing care across the lifespan in a variety of complex healthcare settings.
4. Develop competency in all aspects of nurses' role by integrating professional values, ethical, moral and legal concepts to deliver a quality service for the client and the institution.
5. Develop skills in research as a basis to improve quality of the patient care through evidence-based nursing practice.
6. Encourage to apply knowledge and skills in the concepts and principles of teaching and learning to educate individuals, families and communities to promote health and well-being of the population.
7. Enhance the capacity to communicate and collaborate effectively through verbal, written and electronic media with individuals, families, communities and with members of the healthcare team, and in documentation of data in the delivery of quality patient-centred care.

8. Improve the ability to apply concepts and skills of leadership and management to deliver effective and efficient high-quality care.
9. Facilitate acknowledging and appreciating the need to engage in lifelong learning to advance the nursing education and practice.

Admission requirements

Applicants should possess the following qualifications to register at the Level 5 of the Bachelor of Science Honours in Nursing Degree Programme:

1. Obtained a minimum of:

a) Minimum three (03) Pass grades in one sitting at the G.C.E. A/Level Examination in the Science stream, or,

b) An equivalent or higher qualification acceptable to the Senate

AND,

c) Minimum S Pass for English at the G.C.E. O/Level examination

AND,

2. Obtained one of the following:

a) Diploma in Nursing offered by the OUSL, or,

b) General Certificate in Nursing or Diploma in Nursing of the Ministry of Health, Sri Lanka, or,

c) Three year Diploma in Nursing awarded by any other institution recognized by the Ministry of Health or any other government regulatory body in Sri Lanka or any other country with minimum of two years working experience.

AND,

3. Pass the Selection Test and be eligible for admission based on the merit list of the selection test marks.

Medium of instruction

Medium of instruction is English. Examinations are also conducted only in the English medium and the students are required to answer only in English.

Duration of Programme

The programme is composed of 120 credits of courses at Levels 3 to 6. The minimum duration required to complete all four levels of the programme is four academic years. Those who have a recognized Diploma in Nursing are

exempted from Levels 3 and 4, thus the Levels 5 and 6 of the programme (60 credits) can be completed in a minimum period of two academic years.

Exemptions

Students having prior learning qualifications listed below will be exempted from Regular courses of the programme and from the Clinical Placement modules as given in the Table 7. No exemptions will be granted for any other courses offered at Levels 5 and 6.

Course Fees

Course fees applicable for the students registering for the Nursing Degree programme in 2019/2020 are as follows (Table 5).

Table 5: Fees for the Nursing degree programme

Fee	Fee (Rs.)
Registration Fee	400.00
Facility Fee	1500.00
Library Facility Fee	100.00
Laboratory Facility Fee	-
Refundable Lab Fee	-
Tuition fees - per Credit	
Levels 03 & 04	2600.00
Levels 05 & 06	2900.00

See Table 4 for StART@OUSL course fees.

Programme Structure

BSc Hons in Nursing Degree programme offers Regular Courses at Levels 3 to 6. All Regular Courses are compulsory, unless otherwise mentioned. Students are required to offer 30 credits at each Level. However, a student can register between 8 - 30 credits of courses per academic year depending on the time available for studies.

In addition, students are also required to register for Continuing Education Courses, some of which are offered in StART@OUSL programme.

The Regular Courses and Continuing Education Courses offered for the BScHons Nursing Degree programme are given in Tables 6.

Table 6: BScHons in Nursing degree programme courses

Regular Courses

Course Code	Course Title	Credit Rating	Pre-requisites
Level 3 – Compulsory courses			
NGU3200	Ethics & History in Nursing	2	-
NGU3301	Health Communication	3	-
NGU3302	Psychology for Nursing	3	-
NGU3203	Sociology for Nursing	2	-
NGU3504	Fundamentals of Nursing I	5	-
NGU3305	Simulation Lab Practicum in Nursing I	3	NGU3504 (CR)
NGU3406	Medical Surgical Nursing I	4	-
BSU3230*	Human Anatomy	2	-
BSU3431*	Human Physiology	4	BSU3230 (CR)
BSU3235*	Microbiology	2	-
Pre-requisite to register for courses at Level 4: Minimum CR for 30 course credits at Level 3 regular courses, and for LEE3410, FDE3020 and NGE3408			
Level 4 – Compulsory courses			
NGU4200	Nutrition & Dietetics	2	-
NGU4501	Community Nursing	5	-
NGU4402	Pharmacology for Nursing	4	-
NGU4303	Fundamentals of Nursing II	3	NGU3504 (EL)
NGU4404	Simulation Lab Practicum in Nursing II	4	NGU4303 (CR), NGU3305 (EL)
NGU4805	Medical Surgical Nursing II	8	NGU3406 (EL)
BSU4235*	Pathophysiology	2	-
BSU4236*	Basic Biochemistry	2	-
Pre-requisite to register for courses at Level 5: Minimum CR for 30 course credits each of Levels 3 and 4 regular courses, and for LEE3410, FDE3020, NGE3408 and NGE4806			
Level 5 – Compulsory courses			
NGU5300	Theoretical Orientation in Nursing	3	-
NGU5401	Teaching & Learning in Nursing	4	-
NGU5302	Professional Development in Nursing	3	-
NGU5303	Research Methods in Nursing	3	-
NGU5404	Maternal, Neonatal & Gynaecological Nursing	4	-
NGU5405	Paediatric Nursing	4	-
NGU5406	Psychiatry & Mental Health Nursing	4	-
BSU5335*	Health Statistics	3	
Leve 5 - Optional Courses - offer 2 credits			
NGU5207	Critical Care Nursing	2	-
NGU5208	Health Care Informatics	2	-
Pre-requisites to register for courses at Level 6: Minimum CR for 30 course credits			

Course Code	Course Title	Credit Rating	Pre-requisites
each of Levels 3,4, and 5 regular courses, and for LEE3410, FDE3020, NGE3408, NGE4806 and NGE5809			
Level 6 – Compulsory courses			
NGU6400	Trends & Issues in Nursing	4	-
NGU6601	Management & Leadership in Nursing	6	-
NGU6602	Public Health Nursing	6	-
NGU6803	Research Project	8	NGU5303 (C), BSU5335 (C) & EL for remaining 24 credits in level 5
Level 6 – Optional courses - offer 6 credits			
NGU6304	Gerontological Nursing	3	-
NGU6305	Palliative Care Nursing	3	-
NGU6307	Forensic Nursing	3	-

Continuing Education Courses - Compulsory

Course Code	Course Title	Credit Rating	Pre-requisites
Level 3			
LEE3410	English for General Academic Purposes (EGAP)	4	-
FDE3020	Empowering for Independent Learning (EfIL)	0	-
NGE3408	Clinical Placement I	4	NGU3504 & NGU3305 (CR)
Level 4			
NGE4806	Clinical Placement II	8	NGU4303 & NGU4404 (CR) & NGE3408 (EL)
Level 5			
NGE5809	Clinical Placement III	8	NGE4806 (EL) & NGE3408 (C)
Level 6			
NGE6809	Clinical Placement IV	8	NGE5809 (EL) & NGE4806 (C)

*Ex: Exemptions; EL: Eligibility (Minimum OCAM of 40%); CR: Concurrent Registration; C: C Grade; * Offered by the Department of Basic Sciences*

Students who have successfully completed the Diploma in Nursing offered by the Ministry of Health or OUSL or any other institution recognized by a local/international Regulatory Body acceptable to OUSL, will be granted exemptions for Level 3 and Level 4 courses as given in the Table 7. Students should claim these exemptions at the first registration.

Table 7: Approved schedule of exemptions of BScHons in Nursing

Qualification	Exemptions
• Diploma in Nursing awarded by the OUSL, or, • General Certificate in Nursing or Diploma in Nursing awarded by Ministry of Health, Sri Lanka, or, • A three year Diploma in Nursing awarded by an institution recognized by Ministry of Health or any other government regulatory body in Sri Lanka or any other country with minimum of two years working experience.	60 credits of Regular courses at Levels 3 and 4 listed under programme structure, and, NGE3408 + NGE4806 + NGE5809 +NGE6809

Evaluation

A student's progress is assessed continuously throughout the course by means of Assignments, No Book Tests (NBT), presentations, progress reports, journals, etc., and also at the end of the course by means of a Final Examination. The Faculty operates a semester system for its courses; consequently, the final examinations are held at the end of each semester. To be eligible to sit for the examination of a course, a student should score a minimum of 40% for its overall Continuous Assessment Mark (OCAM). This eligibility of a course is valid to sit final examinations only for two academic years, including the year in which the OCAM is obtained.

(i) Overall Mark

For each course the overall mark, "Z%" will be computed by a combination of the Continuous Assessment Mark (CAM), "X%" and the Final Examination Mark (FEM), "Y%" as follows for courses offered by the Faculty of Health Sciences:

If, $Y \geq 50$ and $X \geq 40$, then $Z = 0.4\ X + 0.6\ Y$

$40 \leq Y < 50$ and $X \geq 40$, then $Z = 0.4\ X + 0.6\ Y$, subject to a maximum of 50

$Y < 40\%$, then $Z = Y$

(ii) Overall Grade and Grade Point Value

Each student who sits the Final Examination of a course shall be awarded a grade and a Grade Point Value (GPV), in respect of such course based on the Overall Assessment Mark (Z%). Table 8 below gives the GPV awarded for courses offered by the Faculty of Health Sciences.

Table 8: Overall Grade and Grade Point Value

Marks Range	Grade	GPV
80-100	A^+	4.00
75-79	A	4.00
70-74	A^-	3.70
65-69	B+	3.30
60-64	B	3.00
57-59	B^-	2.70
54-56	C^+	2.30
50-53	C	2.00
45-49	C^-	1.70
40-44	D^+	1.30
30-39	D	1.00
0-29	E	0.00

C grade and above are Pass grades

Bachelor of Science Honours in Nursing Award Criteria

BSc Hons Nursing Degree Award will be in accordance with the provisions of the Open University By Law No. 21 and Regulation No. FH.21.1 (Table 9).

Table 9: BScHons Nursing Degree Award Criteria

Minimum credit requirements	Exemption and/or eligibility in: • 30 credits of regular courses at each of the Levels 3,4,5 and 6, and, • LEE3410, FDE3020, NGE3408, NGE4806, NGE5809 and NGE6809
Pass	• Minimum of C grades in 120 course credits, comprising 30 course credits of regular courses at each of the Levels 3, 4, 5 and 6, and, • Minimum of C grades for LEE3410, FDE3020, NGE3408, NGE4806, NGE5809 and NGE6809, and, • Minimum GPA of 2.00 in courses adding up to 60 course credits of regular courses at Levels 5 & 6.
To be awarded a First or Second Class, a student needs to fulfil the Pass criteria specified above with criteria specified below:	
Second Class (Lower Division)	• Minimum GPA of 3.00 in courses adding up to 60 course credits of regular courses at Levels 5 and 6.
Second Class (Upper Division)	• Minimum GPA of 3.30 in courses adding up to 60 course credits of regular courses at Levels 5 and 6
First Class	• Minimum GPA of 3.70 in courses at the first attempt adding up to 60 course credits of regular courses at Levels 5 and 6.

The course credit requirements specified above should be acquired within a maximum period of 12 consecutive academic years from the date of first registration.

Course Details

Level 3

LEE3410- English for General Academic Purposes (EGAP)

This four credit course is offered by the Department of Language Studies of the OUSL to enhance the English Language competencies of students and prepare them to study in the medium of English in their respective academic disciplines. This course focuses on all four language skills; Reading, Writing, Listening, and Speech. The students are provided printed course materials as well as audio-visual material which is available online. A number of Day Schools are conducted during weekends. There are two continuous assessments and a final examination.

Level 5

NGU5300 – Theoretical Orientation in Nursing

The growing profession of nursing, Nursing is an art, science and profession, The nursing Process, Framework for professional Nursing Practice, Conceptual Influences on the evolution of Nursing Theory, Conceptual Models/ Grand Theories in the Integrative- Interactive Paradigm, Nursing theory as a basis of practice; Dorothea Orem's self-care deficit nursing theory, Sister Calista Roy's Adaptation model, Betty Newman's systems model, Jean Watson's theory of Human Caring, Human Needs and nursing theory, Adaptation as a Basic Conceptual focus in Nursing Theories, The Concept of Holism, Systems Theory and Nursing Theories, Humanism in Nursing Theory, Transculturation and Nursing, The various roles of the professional nurse, The future of nursing

NGU5401 - Teaching and Learning in Nursing

Education in health care –overview, health education in nursing, Ethical legal and economic foundations of the educational process, Pedagogy and andragogy, Informed decision making in health care, Domains of learning, Theories of learning, Theories of motivation, Instructional design, Assessment of learners, Developmental stages of the learner, Gender socioeconomic and cultural attributes of the learner, Special populations, Development of objectives for learning, Teaching methods and aids to teaching, evaluation of teaching and learning, Technology in education, Children and adults as learners, Mentorship in nursing, Compliance to health teaching, The realities of health teaching.

NGU5302 – Professional Development in Nursing

The context of Professional development in nursing, Professional misconduct, Reflection and reflective practice, Reflective writing for professional development, Clinical supervision, Decision making in professional practice, Evidence based practice, Role of thee nurse in patient education, Interprofessional collaboration and communication, Nurses' rights, Work based learning and portfolios, Practicing as a Profession, Staff development in Nursing, Nursing Professional Development Challenges**,** Ethical and Legal implications in nursing, Promoting Nursing research & publication, Professional organizations in nursing, The accreditation of prior learning and higher education for nurses, Patient safety principals & practices, Nurse retention & patient safety environment.

NGU5303- Research Methods in Nursing

Introduction to nursing research, Historical aspects of nursing research, Comparison-Nursing process, Problem solving and Research Process, Ethical issues in nursing research, Major Steps of a Research Study, The conceptual phase, Identifying research problems, Concepts, Constructs, Variables and Phenomena, Review of the literature, The hypothesis, The empirical phase, Research design, Population and sample, Internal and external validity, Data collection, Research Data and Data analysis, The interpretive phase, Discussion and conclusions, Components of a Research Proposal, Format of a research article and reference technique.

NGU5404- Maternal, Neonatal & Gynaecological Nursing

Overview of reproductive system: Anatomy of female reproductive system and anatomy of male reproductive systems; Overview of reproductive system physiology - Menstruation, disorders of menstruation, management of clients with bleeding disorders related to menstruation and subfertility; Assessment of the client with gynaecological conditions: Diagnostic procedures, abnormal growths of female reproductive system and inflammatory conditions of the external and internal genitalia; Antenatal period and care: Sex education and preconception, assessment and nursing management of pregnancy; Deviations from normal pregnancy: Management of discomforts during pregnancy, Bleeding associated with pregnancy, Pregnancy complicated by diseases, Intra natal & post-natal care: Nursing management of intra natal period and nursing management of post-natal period, and immediate new born care, Complications during postnatal period, nursing management of postnatal period, domiciliary care of the mother and neonate, the operative procedures in obstetrics and family planning.

NGU5405- Paediatric Nursing

Introduction to Pediatric Nursing; Working with Children and Families, Concept of Growth and Development, Growth and Development during different life stages. (Neonate, Infant, Toddler, Pre-school Child, School-age Child, Adolescent), Communicating with Children and Families, Health Assessment of the Children, Nursing Care of the Child during Hospitalization, Pediatric Procedures and Treatments, Child Nutrition, Nursing Care of Children with different health diseases (Gestational and Acquired Disorders, Nutritional Disorders, Respiratory Disorders, Endocrine Disorders, Hematologic Disorders, Cardiovascular Disorders, Genito-Urinary Disorders, Gastro-Intestinal Tract Disorders, Musculo-Skeletal Disorders, Neurological Disorders, Skin Diseases, Neoplastic Disorders, Mental Health Disorders, Eye and Ear Disorders, Long-term or Fatal Illnesses)

NGU5406- Psychiatry & Mental Health Nursing

Introduction to psychiatry nursing: Definitions, Philosophical concepts, History of psychiatric nursing, Models of psychiatric nursing, Principles of psychiatric nursing, therapeutic relationship development, therapeutic communication and therapeutic techniques, on therapeutic techniques, treatment modalities and therapies in psychiatric care, Assessment of patients with mental disorders-mental state examination, Application of nursing process for patients with mental disorders, self defense mechanisms, Nursing care of the patients with bipolar disorder – manic episode, nursing care of the patients with; bipolar disorder – depressive episode, sleep disorders, eating disorders, anxiety disorders, schizophrenia, substance abuse disorders,

dementia, puerperal disorders, suicidal ideas, personality disorders , antipsychotic medication and nursing responsibilities, ethical and legal procedures related to psychiatric nursing.

BSU5335- Health Statistics

Introduction to Health Statistics: health and statistics, variables, uses of statistics in nursing practice, Presentation of data: categorical data, numerical data, Summarization of data: central tendency (mean, median, mode), dispersion (variance, standard deviation), Variables and scales of measurement: variables, operationalizing a variable, scales of measurement

Probability and counting data: set, union and intersection, sample space, event, mutually exclusive events, independent events, probability, Probability Distributions: Bernoulli distribution, binomial distribution, poison distribution, normal distribution, Normal distribution: characters of a normal curve, standard normal distribution, characteristics of a standard normal curve, Population and sampling: parameters and statistics, sampling, types of probability sampling, Sample size calculations: qualitative research, quantitative research, precision, significance level, statistical power, effect size of clinical importance, estimating a proportion or mean, Research designs in Health Sciences: research design, qualitative research methods, types of qualitative research design

Inferential statistics & Special topics; Inference of means and proportions: standard error of mean, standard error of proportion, *t*-distribution, confidence intervals, hypothesis testing, significance test for comparing a single mean/ two means, Categorical data and Chi-squared test: Chi-squared test, chi-squared goodness of fit, Correlation and linear regression: scatter plot, linear regression, Analysis of variance (ANOVA), Measures of fertility, morbidity and mortality, Diagnostic tests and clinical trials: validity, reliability, clinical trials, randomization, matching, blinding, Non-parametric tests: Wilcoxon signed-rank test, Wilcoxon rank-sum test, Spearmen's rank correlation, Survival analysis: cohort life tables.

NGU5207- Critical Care Nursing

Concept of critical care nursing, Respiratory emergencies & diagnostic evaluation, Oxygen therapy, Cardiac emergencies & diagnostic evaluation of cardiac disorders, Gastrointestinal emergencies and nutritional therapy, Renal emergencies & renal replacement therapy, Endocrine emergencies, Hematologic and oncologic emergencies, Neurologic emergencies, Ethical and Legal aspects of critical care nursing, Trauma and Surgical management, Shock, sepsis and multiple organ dysfunction syndrome, Psychosocial and spiritual alterations.

NGU5208- Health Care Informatics

Introduction to Health informatics, Theoretical basis of Health Informatics, Basic computer competencies essential for health informatics, Principles in Health Information Management

Principles in Nursing Informatics, Principles of health data analytics for common use**,** Basic management skills for Health Informatics projects, Digital Health Information Systems and their application in patient care, Health Information system interoperability and health data standards, Evidence based healthcare using informatics approaches

Good practices in ethical, legal, professional and regulatory obligations in health informatics, Current and future trends in Health Informatics, Human factors, ergonomics in health informatics, Role of Nursing professionals in digital health landscape of SL

Level 6

NGU6400- Trends & Issues in Nursing

Values and the process of valuing, Defining and conceptualizing issues, application of issue process, The stature of the nursing profession, Professional nursing organizations, Political strategies, Image building strategies, Facilitating effective clinical practice, Ethical reasoning, Trends in nursing and health care, Ethical dilemmas, Nursing trends in the global context, Professionalism in nursing, Power utilization in nursing, New dimensions in nursing, Social forces influence on nursing, Challenging issues in nursing in Sri Lanka, Consumerism in nursing and marketing strategies, Nursing shortage and stress management strategies, Social forces influence on nursing, Professional organizations in nursing

NGU6601- Management & Leadership in Nursing

Healthcare needs and the nurse manger's role, Structure, function, and culture of healthcare, Definition of Leadership & Management, Leadership theory and practice, Management theory and practice, Roles and responsibilities of the Supervisor, Impact of the surrounding culture on management practice, Critical functions and skills required of nurse managers, Attracting and developing the optimum in human resources, Issues influencing work life satisfaction, Creating the environment for professional practice, Motivation, Labour relations and the collective agreement, Improving the quality of care, Team work and team roles

Managing Conflicts, Power of professional profile, Delegation of Patient care, Strategic management plan, Time and stress management, Staffing and scheduling, The changing in Health care system, Models of Care delivery , Issues in nursing leadership and management, Change and Innovation, Recruiting and Interviewing, Establishing healthy environment, Performance Appraisal, Coaching and Mentoring, Decision Making and Problem Solving, Budgeting, Productivity and Costing out Nursing and information system

NGU6602- Public Health Nursing

Primary Health Care: Development of primary health care (PHC), millennium development goals, sustainable development goals and current concerns, Nurses' role; Provision of Health care: National Health Policy, Organization of health care system in Sri Lanka, Resources for health care; Community health and Nursing: Concept of community health and community health nursing, community health nursing in different countries, Role of the community health nurse in Sri Lanka; Alternative health care systems: Alternative systems in provision of health care; Ayurveda and others

Epidemiology: Causal relationship and theories, chain of causation epidemic and non-epidemic frequency, epidemiological surveillance and monitoring in Sri Lanka; Prevention of Disease: Major communicable disease, Vaccine preventable disease and other diseases, and non- communicable disease; Health promotion and prevention:

Health promotion, rehabilitation, occupational health

Maternal and child and adolescence health: Pregnancy and foetal development, role of the nurse throughout the reproductive cycle, care of the healthy infant, preschool child, school aged child, adolescent, family planning; nutrition; Family health: Concept and Development family health, assessment of health risk families, promoting health of the family; Impact of society on health: Major societal health problems and its impact; community-oriented approaches to family health risk reduction; mental health problems; Role of the non-governmental organizations on Health: Team work, NGOs and community organization; New challenges in community health: disaster management

NGU6803- Research Project

Research Process (guiding to complete a research study through reviewing literature, qualitative or quantitative research methodology, collecting and analyzing data, discussion, conclusion and recommendations) writing of final dissertation, journal article and extended abstract).

NGU6304- Gerontological Nursing

Introduction to gerontological nursing, Aging process and aging population, Historical evolution of gerontological nursing, The role of the gerontological nurse, Theories of aging, Physiological balance of elderly clients, Common aging changes, Coping with chronic disorders in old age, General care concerns of aging clients: nutrition and hydration, rest and sleep, comfort and pain management, safety and safe medication use, Ethical and legal aspects of gerontological nursing, Spiritual aspect of aging, End of life care in elderly clients, Self-care for gerontological nurse

NGU6305- Palliative Care Nursing

Principles and practice of palliative care - The needs & goals of palliative care, Palliative care and suffering: Interprofessional care, Advance care planning, Models of care, Barriers to palliative care; Ethical issues in palliative care - Principles of medical ethics, Communication and disclosure; Withdrawing and withholding care, euthanasia and physician-assisted suicide; Pain - Types, causes of pain, actors that modify the perception of pain, Assessment of pain; Principles of using analgesics for chronic pain, Adjuvant analgesics, Physical and psychosocial aspects of pain control.

Symptom control - Breathlessness, cough, terminal respiratory congestion, Nausea and vomiting, antiemetics, Bowel obstruction, constipation, laxatives, Anorexia, weight loss, weakness and fatigue; Acute confusion and delirium, terminal restlessness; Psychosocial distress - Psychological distress, Caring for families and friends, Depression, Anxiety; Organizational aspects of palliative care- How to start a palliative care service, Education and training for service staff

NGU6307- Forensic Nursing

Introduction to Forensic Nursing. (Provides an introduction to the forensic health sciences, forensic nursing, and the nursing role in the scientific investigation of violence); Violence and its impact on the society. (Interdisciplinary discussion of violence, its perpetrators, victims, and its impact on society as well as possible solutions for violence reduction); Forensic Evidence Collection and Preservation. (Examines forensic nurse's role in recognizing injuries/patterns of injury. Evidence

collection procedures need to identify from collection site to court presentation); Forensic nursing documentation. (Subjective and objective evidence obtained during interview and assessment process, providing testimony in a court case involving evidence they collected); Current trends and evidence based research, media-related events, professional responsibilities, public policy issues.

Table 10: BSc Nursing Degree Completion Statistics

Year	First Class	2nd Upper	2nd Lower	Pass	Total
1997	3	13	1	4	21
1999	3	14	4	13	34
2000	3	7	1	12	23
2001	0	3	1	10	14
2002	1	6	2	16	25
2003	1	6	4	23	34
2004	1	5	2	19	27
2005	0	3	3	20	26
2006	0	3	2	32	37
2007	0	1	5	13	19
2008	1	4	3	15	23
2009	2	7	6	22	37
2010	0	5	4	22	31
2011	0	2	10	35	47
2012	0	6	8	50	64
2013	0	5	10	65	80
2014	1	11	10	76	98
2015	0	13	31	129	173
2016	2	46	21	192	261
2017	3	54	38	132	227
2018	9	56	46	187	298

Bachelor of Medical Laboratory Sciences Honours

The overall expectation of the Bachelor of Medical Laboratory Sciences Honours (BMLSHons) Degree programme is to develop professionally competent graduates who will possess a commitment to life-long learning, exhibit a sense of commitment to the ethical and humane aspects of patient care, appreciate the need for research to develop knowledge of health, diseases, healthcare management and education, and be able to recognize the role of the clinical laboratory scientist in the assurance of quality health care.

Aim

To provide an integrated education and training in the field of medical laboratory sciences to suit the healthcare and research needs of industrial and commercial sectors and to prepare the students for lifelong independent learning, career development and postgraduate studies.

Specific Objectives

Upon successful completion of BMLS Hons Degree programme, a Medical Laboratory Sciences graduate is expected to:

- Provide theoretical knowledge in relevant fields of Medical Laboratory Sciences highlighting the latest advancements and trends in the field.
- Facilitate students to develop practical skills in a standardized laboratory environment, adhering to standard operating procedures and safety guidelines.
- Enable students to understand the importance of quality assurance and train them to apply quality assurance guidelines in laboratory practice.
- Develop committed medical laboratory scientists with humane qualities who demonstrate ethical and professional behaviour and practices.
- Provide opportunities to develop skills such as leadership and communication enabling students to play an important role in the healthcare team.
- Provide opportunity to develop critical analytical thinking and problem-solving skills to enable students to overcome problems and find creative solutions.

- Train students in developing and conducting research studies to empower them to contribute in the continuous advancement of the medical laboratory sciences and related fields, through research and innovation.
- Encourage students to engage in lifelong learning and continuous professional development with the intention of providing a better service to the community through personal development.

Admission Requirements

Applicants should possess the following qualifications to register for the Bachelor of Medical Laboratory Sciences Honours Degree programme.

1. Obtained:

a) Minimum of three (03) Pass grades in one sitting at the G.C.E. A/ Level Examination in the Science stream including Chemistry, **or,**

b) An equivalent or higher qualification acceptable to the senate

AND,

c) Minimum S pass for English at the G.C.E. O/ Level examination

AND,

2. Diploma in Medical Laboratory Technology, Ministry of Health, Sri Lanka

AND,

3. Pass the Selection Test and be eligible for admission based on the Selection Test marks scored.

Medium of instruction

The medium of instruction is English. Examinations are also conducted only in English medium and the students are required to answer only in English.

Duration of Programme

The programme is composed of 120 credits of courses at Levels 3 to 6. The minimum duration required to complete all four levels of the programme is four Academic Years. Those who have a recognized Diploma in MLT are exempted from Level 3, thus the Levels 4 to 6 of the programme (90 credits) can be completed in a minimum period of three academic years.

Exemptions

The Senate may grant exemptions to a student from specified courses based on prior qualifications. The total credit exemptions which may be so granted shall not exceed 60 credits.

Students who have successfully completed the Diploma in Medical Laboratory Technology offered by the Ministry of Health, will be granted exemptions at Level 3 courses as given in the Table 13.

Course Fees

Course fees applicable for the students registering for the BMLS Hons Degree programme in 2019/2020 are as follows (Table 11).

Table 11: Fees for the BMLSHons Degree programme

Fee	Fee (Rs.)
Registration Fee	400.00
Facility Fee	1500.00
Library Facility Fee	100.00
Laboratory Facility Fee	1500.00
Refundable Lab Fee	2500.00
Tuition fees - per Credit	
Levels 03 & 04	2620.00
Levels 05 & 06	2820.00

Note: Course Material are provided only in the electronic version.

See Table 4 for StART@OUSL course fees.

Programme structure

BMLS Hons Degree programme offers regular courses at Levels 3 to 6. All courses are compulsory, unless otherwise mentioned. Students are required to offer 30 credits at each Level. However, a student can register between 8 – 30 credits of courses per year depending on the time available for studies.

In addition, students are required to register for Continuing Education Courses, some of which are offered under the StART@OUSL programme.

Table12: BMLSHons Degree Programme Courses

Regular courses

Course Code	Course Title	Credit Rating	Pre-requisites
Level 3 – Compulsory			
MDU3400	Basics for Medical Laboratory Sciences	04	-
MDU3401	Haematology I	04	-
MDU3402	Medical Bacteriology	04	-
MDU3303	Clinical Biochemistry I	03	-
BSU3230*	Human Anatomy	02	-
MDU3805	Work Based Training I	08	(MDU3400, MDU3401, MDU3402, MDU3303, MDU3306) CR
MDU3306	Medical Parasitology	03	-
MDU3207	Health Communication	02	-
Pre-requisites to register for courses at Level 4: minimum CR for 30 credits of regular courses at Level 3 and for LEE3410 and FDE3020			
Level 4 – Compulsory			
BSU4230*	Basic Statistics	02	-
MDU4501	Haematology II	05	-
MDU4302	Diagnostic Bacteriology	03	-
MDU4303	Clinical Biochemistry II	03	-
BSU4245*	Human Physiology	02	BSU3230 (EL)
MDU4405	Work Based Training II	04	(MDU4406, MDU4303) CR
MDU4406	Histopathology	04	-
MDU4307	Virology & Mycology	03	-
MDU4208	Ethics & Professional Development	02	-
MDU4209	General Pathology	02	-
Pre-requisites to register for courses at Level 5: Minimum CR for 30 credits each of regular courses at Levels 3 and 4, and for LEE3410 and FDE3020			
Level 5 – Compulsory			
BSU5230*	Applied Statistics	02	BSU4230 (EL)
MDU5401	Advanced Haematology	04	-
MDU5202	Vector Borne Diseases	02	-
MDU5303	Immunology & Serology	03	-
MDU5304	Laboratory Management	03	-
MDU5305	Work based Training III	03	(MDU5401, MDU5303, MDU5206) CR and MDE3208 C grade

Course Code	Course Title	Credit Rating	Pre-requisites
MDU5206	Cytology	02	-
MDU5407	Laboratory Automation & Instrumentation	04	-
MDU5308	Research Methodology	03	-
MDU5209	Advanced Techniques in Medical Laboratory Sciences	02	-
Level 5 - Optional Courses - required to offer 2 credits			
MDU5210	Special Topics in MLS	02	-
MDU5211	Healthcare Informatics	02	-
MDU5212	Literature Review	02	-
Pre-requisites to register for courses at Level 6: Minimum CR for 30 credits each of regular courses at Levels 3, 4 and 5, and for LEE3410 and FDE3020			
Level 6 – Compulsory			
MDU6800	Research Project	08	(MDU5308) EL & (BSU4230) C
MDU6301	Cytogenetics and Molecular Genetics	03	-
MDU6302	Public Health Microbiology	03	-
MDU6503	Clinical Biochemistry III	05	-
MDU6404	Medical Laboratory Quality Management & Accreditation	04	-
MDU6705	Work Based Training IV	07	(MDU6301, MDU6503, MDU6404) CR

EL: Eligibility, Minimum OCAM of 40%, CR: Concurrent Registration

*Offered by the Department of Basic Sciences

Continuing Education Courses – Compulsory

Course Code	Course Title	Credit Rating	Pre-requisites
Level 3			
LEE3410	English for General Academic Purposes (EGAP)	04	-
FDE3020	Empowering for Independent Learning (EfIL)	00	-
MDE3208*	Refresher Course for Medical Laboratory Technologists	02	-

* Students registered for the BMLSHons degree in or before Academic year 2017/2018 are exempted.

Students who have successfully completed the Diploma in Medical Laboratory Technology offered by the Ministry of Health, Sri Lanka will be granted exemptions as given in the Table 13 below. Students should claim these exemptions at the first registration.

Table 13: Schedule of Exemptions for BMLS Hons Degree programme

Qualification	Exemptions
Diploma in Medical Laboratory Technology offered by the Ministry of Health, Sri Lanka	30 credits of Regular courses at Level 3 listed under programme structure

Evaluation

A student's progress is assessed continuously throughout the course by means of assignments, No Book Tests (NBT), presentations and progress reports, journals and also at the end of the course by means of a Final Examination or Scholarly paper. The Faculty operates a semester system for its courses; consequently, the final examinations are held at the end of each semester. To be eligible to sit for the examination of a course, a student should score a minimum of 40% for its overall Continuous Assessment Mark (OCAM). The OCAM of a course is valid to sit final examinations only for two academic years, including the year in which the OCAM is obtained.

(i) Overall Mark

For each course the overall mark, "Z%" will be computed by a combination of the Overall Continuous Assessment Mark, "X%" and the Final Examination Mark (FEM), "Y%" as follows:

For courses offered by the Faculty of Health Sciences:

If, $Y \geq 50$ and $X \geq 40$, then $Z = 0.4\ X + 0.6\ Y$

$40 \leq Y < 50$ and $X \geq 40$, then $Z = 0.4X + 0.6Y$, subject to a maximum of 50

$Y < 40\%$, then $Z = Y$

(ii) Overall Grade and Grade Point Value

Each student who sits the Final Examination of a course shall be awarded an overall Grade and a Grade Point Value (GPV), in respect of such course based on

the Overall Assessment Mark (Z%). Table 14 below gives the GPV awarded for courses offered by the Faculty of Health Sciences.

Table 14: Overall Grade and Grade Point Value

Marks Range	Grade	GPV
80-100	A^+	4.00
75-79	A	4.00
70-74	A^-	3.70
65-69	B+	3.30
60-64	B	3.00
57-59	B^-	2.70
54-56	C^+	2.30
50-53	C	2.00
45-49	C^-	1.70
40-44	D^+	1.30
30-39	D	1.00
0-29	E	0.00

C grade and above are Pass grades

Bachelor of Medical Laboratory Sciences Honours Award Criteria

Award of the BMLS Hons degree will be in accordance with the provisions of the Open University By Law No. 21 and Regulation No. 21.FH.3 (Table 15).

Table 15: BMLS Hons Degree Award Criteria

Minimum credit requirements	Exemption/eligibility in: • 30 credits of regular courses at each of the Levels 3,4,5 and 6, and, • LEE3410 and FDE3020
Pass	• Minimum of C grades in 120 course credits, comprising 30 course credits of regular courses at each of the Levels 3, 4, 5 and 6, • Minimum of C grades for LEE3410 and FDE3020 and, • Minimum GPA of 2.00 in courses adding up to 90 course credits of regular courses at Levels 4, 5 and 6.
To be awarded a First or Second Class, a student needs to fulfil the Pass criteria specified above with criteria specified below:	
Second Class (Lower Division)	• Minimum GPA of 3.00 in courses adding up to 90 course credits of regular courses at Levels 4, 5 and 6.
Second Class (Upper Division)	• Minimum GPA of 3.30 in courses adding up to 90 course credits of regular courses at Levels 4, 5 and 6.
First Class	• Minimum GPA of 3.70 in courses at the first attempt adding up to 90 course credits of regular courses at Levels 4, 5 and 6.

The course credit requirements specified above should be acquired within a maximum period of 12 consecutive academic years from the date of first registration.

Table 16: BMLS Hons Degree Completion Statistics

Year	First Class	2nd Upper	2nd Lower	Pass	Total
2017	1	08	07	04	20
2018	2	05	08	10	25

Course Details

LEVEL 3

LEE3410- English for General Academic Purposes (EGAP)

This course is offered by the Department of Language Studies of the OUSL to enhance the English Language competencies of students and prepare them to study in the medium of English in their respective academic disciplines. This course focuses on all four language skills; Reading, Writing, Listening, and Speech. The students are provided printed course materials as well as audio-visual material which is available online. A number of Day Schools are conducted during weekends. There are two continuous assessments and a final examination.

MDU3400 – Basics for Medical Laboratory Sciences

Medical laboratory, Laboratory items including instruments, Glassware and plastic ware, basic principles of physics for laboratory instrumentation, Microscope, Centrifuge, Pipettes, Spectrophotometer and Colorimeter, Balances, Shakers and Mixers, Instruments for sterilization, Other laboratory equipment, Atoms ions and molecules, Pure substances and substance mixtures, chemical reactions, properties of solutions, Solutions & ionic reactions, Volumetric analysis, Radioactivity, Electrochemistry & Thermochemistry, Hazards in laboratory and safety measures, Safe handling of chemicals, Prevention of laboratory infections

MDU3401 – Haematology I

Introduction to blood and its components, Haemopoiesis, Introduction to blood collection, Blood collection methods, Introduction to erythrocyte disorders, Lab diagnosis of erythrocyte disorders, Introduction to leukocyte disorders, Lab diagnosis of leukocyte disorders, Introduction to platelet disorders, Lab diagnosis of platelet disorders, Cell counts and indices, Other routine haematological tests, Bone marrow smear preparation and staining, Examination of bone marrow cells Laboratory errors in haematology, Normal haemostasis, Coagulation tests.

MDU3402 – Medical Bacteriology

History and current advances, Morphology, Structures of microorganisms, Taxonomy, Nomenclature and classification of bacteria, Bacterial nutrition, Growth, Metabolic pathways and reproduction of bacteria, Introduction to bacterial genetics, Principles of sterilization and disinfection by physical & chemical agents, Antimicrobial agents, Safety control levels and classification of organisms on hazard levels, Devices in ensuring safety, Basic principles of formulating media, Preparation and quality control, Inoculation techniques, Types of bacterial growth and methods of enumeration, Different methods of maintenance of stock culture of bacteria, Staphylococci, Streptococci, Gram positive bacilli, Enteric gram negative bacilli I, Enteric gram negative bacilli II, Pseudomonas and other non-enteric gram negative bacilli, Vibrio, Campylobacter & Helicobacter, Parvobacteria & Neisseria, Anaerobes, Mycobacteria, Spirochetes, Mycoplasma, Chlamydia & Rickettsia

MDU3303 – Clinical Biochemistry I

Introduction to pH and buffers, Preparation and usages of buffers in biochemistry, Introduction to enzymes, Enzyme catalyzed reactions, Structure and functions of

carbohydrates, Metabolism of carbohydrates, Structure and functions of amino acids and proteins, Proteins and their metabolism, Structure and functions of lipids and lipoproteins, Metabolism of lipids and lipoproteins, Structure and functions of nucleic acids, Metabolism of nucleic acids, Cellular energy metabolism, Analytical techniques in clinical biochemistry, Point of care testing, Establishment and use of reference values, Specimen collection and processing, Pre-analytical errors**,** Urine collection methods/ types of urine specimens, Physical and chemical analysis of urine, Urine sediment analysis

BSU3230 - Human Anatomy

Importance of anatomy, history, terminology, structure of cells, cell membrane, cellular organelles, cell division, types of tissues, organs and systems, body plan, body cavities, structure of nerve, central nervous system, brain, motor neurons, sensory neurons, sensory receptors, reflexes, special senses - nose, eye, tongue, ear, skin, classification of hormones, endocrine glands, structure of skeletal muscles, types of muscle, cartilage; types of bone, regions of the skeleton, vertebral column, thoracic cage, appendicular skeleton, classification of joints, ligaments, tendons, joints of the upper and lower limbs, ligaments of the vertebral column, attachment of muscles, muscles of the head, face, neck, shoulders, forearm, respirations, abdominal wall, joints, pelvic floor, back, structure of the heart and blood flow, cardiac conduction system, composition of blood, structure of blood vessels, structure of lymphatic system, formation and circulation of lymph, cells and organs of the immune system, specific, non-specific, cell-mediated, antibody mediated, air conducting regions – nose, pharynx, larynx, trachea, bronchi, alveoli, respiratory mucosa; voice production, rib cage, properties of lung tissue, blood and nerve supply, alimentary tract, structure of alimentary canal, accessory digestive organs, kidney, nephron, ureter, bladder, blood and nerve supply, male and female reproductive system

MDU3805 - Work Based Training I

Introduction to Medical Laboratory, Biochemistry, Medical Bacteriology, Parasitology, Haematology

MDU3306 - Medical Parasitology

Basic concepts and definitions in Medical Parasitology, Classification of parasitic protozoa and helminths, Intestinal amoebae, Intestinal flagellates and ciliates, Intestinal and tissue Apicomplexa, Nematodes of the small intestine, Nematodes of the large intestine, Intestinal and tissue cestodes, Foodborne trematodiases, Malaria causing blood Apicomplexa, Haemoflagellates, Filarial worms of the lymphatics, Collection, transportation, storage and disposal of specimens, Microscopic detection of faecal parasites, Microscopic detection of blood and tissue parasites, Molecular and immunodiagnostic assays for parasite detection

MDU3207 - Health Communication

Definitions and basic assumptions in human communication, Selected health care related models of communication, Communication in health care relationships, Levels of communication, Types of communication, Nonverbal communication in health care, The nature and dimensions of nonverbal communication, Active listening, Strategies that encourage conversation, Strategies that help the patient to express thoughts and feelings, Strategies that insure mutual understanding, The importance of

reporting, The importance of documenting, Guide for oral presentations, Guide for written presentations.

MDE3208 - Refresher Course for Medical Laboratory Technologists

Introduction to medical laboratory, Laboratory equipment and instrumentation, Chemical reactions, Analytical chemistry, Specimen collection and handling in haematology, Changes of blood cells in diseases, Routine haematological tests, Haemostasis, General Bacteriology, Control of bacteria and laboratory safety, Culture methods and enumeration of bacteria, Medical important bacteria and their identification, Major biomolecules of the body and their metabolism, Cellular Energy metabolism, Cells, tissues and organization of the human body, Introduction to human anatomy, Medically important parasites, Laboratory techniques in medical parasitology

LEVEL 4

BSU4230 - Basic Statistics

Classification of research, pilot study, case study, clinical trial, observations and experimental studies, terminology in medical research, Data types and scales of measurement (qualitative/quantitative, discrete/continuous, nominal/ordinal/ interval), graphical categorical data, graphical continuous data, Central tendency (mean, median, mode), dispersion (variance, standard deviation, inter-quartile range), Rules of probability, probability distribution, normal distribution, standard normal distribution, random variation, bias, sampling error, missing values, non-sampling errors, Probability sampling (random sampling), non-probability sampling, Populations and sample "parameters & statistics", probability sampling methods and non-probability sampling methods, Distribution of mean, standard error, confidence intervals, point estimate and interval estimates, retrospective, prospective studies, cohorts, case control studies, cross sectional studies, concepts in epidemiology/health research, fertility, morbidity, mortality, cohort life tables, Research designs, quantitative and qualitative research methods

MDU4501 - Haematology II

Structure and functions of Haemoglobin, Haemoglobinopathies, Thalassemia, Introduction to anaemia, Haemolytic anaemia, Anaemia due to cellular defects, Anaemia due to enzyme defects, Anaemia due to Nutritional deficiencies, Anaemia of chronic diseases, Red cell aplasia and hypoplasia, Hereditary Platelet Disorders**,** Acquired Platelet Disorders, Disorders in platelet Production, Increased Destruction or Consumption of Platelets**,** Primary and secondary thrombocytosis, Blood group systems**,** Biochemical properties and characteristics of blood group antigens and antibodies, Identification of natural and Immune antibodies, Donor selection, Blood collection, Blood components, Storage of blood and components, Blood groups, Compatibility testing- ABO grouping and Rh typing, Antibody screening, Methods of cross matching, ABO and Rh blood group discrepancies, Assuring quality in blood and blood products, Haemolytic transfusion reactions, Non-haemolytic transfusion reactions, Transfusion transmitted infections, Other immediate and delayed adverse effects.

MDU4302 - Diagnostic Bacteriology

Urinary tract infections, Blood stream infections, Meningitis and other CNS infections,

Skin and soft tissue infections, Musculo-skeletal Infections, Respiratory tract infections, Genital tract infections, Gastrointestinal tract infections, Tuberculosis**,** Classification of antibiotic agents, Mechanisms of action, Resistance mechanisms, Laboratory detection of antibiotic resistance, Antibiotic Sensitivity test methods, Quality Control (QC) and Quality Assurance (QA) in Microbiology

MDU4303 - Clinical Biochemistry II

Disorders of carbohydrate metabolism, Diabetes Mellitus, Blood Glucose determination and diagnosis of Diabetes, Complications of Diabetes and laboratory diagnosis, Disorders of Lipid and Lipoprotein metabolism, Analysis of Lipids and Lipoproteins, Changes of protein levels in disorders, Estimation of serum /Plasma proteins, Analysis of Cerebrospinal fluid (CSF), Analysis body cavity fluids, Stool analysis, Seminal fluid analysis, Disorders of reproduction and laboratory diagnosis

BSU4245 - Human Physiology

Structural organization of the human body, chemical level organization, cellular level, tissue level, organs and system, ions, molecules, chemical bonds, electrolytes, organic molecules, DNA replication, structure of cell, membrane transport, cytoplasm, organelles, cell division, cellular respiration, structure of neuron, nerve, physiology of neuron, structure of nervous system, sensory receptors; structure and physiology**,** classification, hormonal action, control of hormone secretions, endocrine glands, structure and physiology of skeletal muscle, cardiac muscle and smooth muscle, blood, composition of blood, homeostasis, heart, blood flow through the heart, chambers of the heart, regulation of heart rate, electrocardiogram, cardiac cycle**,** blood vessels, exchange of material in capillary beds, blood pressure, lymphatic system**,** cells of the immune system, immune mechanism, non-specific immune responses, specific responses, active passive immunity, immunological memory, blood groups**,** air conducting regions, gas exchange regions, breathing, gas exchange, blood gas transport**,** structure and physiology of regions of the digestive system, salivary glands, pancreas, liver, gall bladder, kidney, nephron, formation of urine, concentration of urine, ureter, urethra, micturition, kidney dialysis**,** male reproductive system, male hormones and regulation, female reproductive system, ovarian cycle, fertilization, child birth, lactation, birth control

MDU4405 - Work Based Training II

Histopathology, Clinical Biochemistry

MDU4406 – Histopathology

Introduction to histopathology, Specimen collection, handling and fixation, handling small specimens, Decalcification, Tissue processing & embedding I, Tissue processing and embedding II, Tissue sectioning, Introduction to staining, routine stains, Special stains, Histology of epithelial tissues and connective tissues, Histology of bone, cartilage & muscle, Histology of cardiovascular system, Histology of urinary system, Histology of male & female reproductive system, Histology of liver, Histology of gastrointestinal tract & associated organs, Histology of respiratory system, Histology of reticulo-endothelial system, lymphoid tissue, spleen & lymph nodes, Histology of nervous system, Introduction to Immunohistochemistry, Immunohistochemical method, Quality assurance in histopathology

MDU4307 - Virology & Mycology

Introduction to Medical Virology, Classification of viruses, Viral Enteric Diseases, Viral Hepatitis, Viral Respiratory diseases, Viral infections of the skin- skin rashes, Viral Haemorrhagic Fevers, Neurological diseases of viral origin, Genital tract infections of viral origin, Other viral infections, Introduction to Medical Mycology, Classification of fungi, Superficial and Cutaneous mycoses, Subcutaneous mycoses, Systematic mycoses, Fungal allergies and poisoning, Antifungal agents, Diagnosis approaches.

MDU4208 - Ethics & Professional Development

Introduction to Ethics, professional secrecy, Ethics in clinical trials, Ethics in animal studies, Ethics in handling of clinical specimens and other biological specimens, Ethics in disease screening, Team work and Leadership, Attitudes, Time management, Administration, Professional communication and presentation skills, Professional behaviour, Concept of lifelong learning and continuing professional development, professional practice.

MDU4209 - General Pathology

Cell injury & necrosis, Cellular and tissue response to damage, Cellular adaptations to injury, acute inflammation, chronic inflammation, Healing & repair, Thrombosis and embolism, Ischaemia & congestion, Infarction & gangrene, Basic concepts of neoplasia, Molecular basis of carcinogenesis, Cellular changes in neoplastic cells, Effects of Neoplasms

LEVEL 5

BSU5230 - Applied Statistics

Null hypothesis and alternate hypothesis, t-distribution, type I and type II errors, one sample, two independent samples and two dependent samples, application of chi-squared test, degrees of freedom, rules in calculating chi-squared values, identify dependent and independent variable, interpret scatter plot, interpret regression, one-way ANOVA, SPSS I, SPSS II, Other statistical software, Wilcoxon signed-rank test, Wilcoxon rank-sum test, Spearmen's rank correlation

MDU5401 - **Advanced Haematology**

Pancytopenia and Aplastic Anemia, Congenital Bone marrow disorders, Hereditary bleeding disorders, Acquired bleeding disorders, Bleeding disorders due to vascular abnormalities, Thrombosis and thrombophilia, Antiphospholipid syndrome, Granulocyte dysfunction disorders, Granulocytopenia, Lymphopenia and lymphocyte dysfunction syndromes, Other white cells disorders, Classification of human hematopoietic neoplasms, Myeloproliferative disorders, Chronic idiopathic myelofibrosis, Essential thrombocythemia, Acute myelogenous leukemia, Myelodysplastic syndrome. Lymphoid disorders, lymphoma, chronic lymphocytic leukemia/Small Lymphocytic Lymphoma, Multiple myeloma, Other Haematological malignancies, Peripheral Blood Stem Cell Transplantation (PBSCT), Pluripotent stem cells and harvesting, Analysis, Processing and storage of stem cells, Cell surface and intracellular antigens in haematological diseases, Flow cytometry, Haematological cytochemistry, Ref range calculation of reference ranges, Automation in Haematology, Quality control in haematology

MDU5202 - Vector Borne Diseases

Introduction to vector borne diseases, Disease diagnosis, their distribution, vectors, vector-pathogen disease transmission cycles, vector bionomics, treatment and control of following diseases, Mosquito borne diseases - Malaria, Filariasis, Dengue, Japanese Encephalitis, Chickungunya, Zika, Fly borne diseases – Leishmaniasis, Onchocerciasis, African Trypanosomiasis and other fly borne diseases, Tick and mite borne diseases, Bugs, lice and flea borne diseases

MDU5303 - Immunology & Serology

Introduction to immunity, Cells and organs of immune system, Innate immunity, the complement system, Cytokines and chemokines, Humoral and cell mediated immunity, Major histocompatibility complex, B cells and T cells, Antibody generation and function, Immunity and infection**,** Hypersensitive reactions**,** Tolerance and autoimmunity, Immune deficiency**,** Primary/secondary response to antigens and vaccines, Transplantation immunology, Cancer immunology, Antigen -Antibody reactions and immunoassays, Monoclonal antibodies: production, purification and uses, Isolation of immunoglobulins and cells

MDU5304 - Laboratory Management

Definitions and general principles**,** Concepts of management**,** Management functions**,** Scope of medical laboratory management, Laboratory planning and organization, Laboratory layout planning and considerations of ergonomics, Evidence based laboratory administration, Strategic planning, Management ethics, Quality management, Human resource management, Specimen management and processes, Financial management, Chemical, consumable and stores management, Information management, Safety management, Medical laboratory waste management

MDU5305 - Work Based Training III

Haematology, Clinical Biochemistry, Immunology and Serology, Cytology

MDU5206 – Cytology

Introduction to cytology, Specimen collection and preparation, Fixation and staining in cytology**,** Exfoliative cytology, Urine, Cyst & joint fluid aspirates**,** Cytology of thyroid, Lymph nodes and breast**,** Cervical cancer classification, smear pattern & hormonal status**,** Non / Specific inflammation**,** SIL lesion**s,** Quality assurance in sample collection and preparation, Quality assurance in staining.

MDU5407 - Laboratory Automation & Laboratory Instrumentation

Principles and applications of photometry, Principles and applications of spectrometry, Principles and applications of spectroscopy, Principles and applications of chromatography, Principles and applications of electrophoresis, Principles and applications of luminometry, Principles and applications of fluorometry, Principles and applications of other instrument, Introduction to laboratory automation, Role of computers in automated systems, Automation in specimen processing, Automation of volumetric measurements and calibration, Measurement of ion activity and potentiometry, Voltammetry, coulometry and conductometry, Communications and laboratory networks, Automation in Haematology, Automation in biochemistry, Automation in histopathology, Automation in Microbiology, Other automated systems

in the laboratory, Analytical errors and Quality assurance in automated systems, Trouble shooting and maintenance of automated analyzers.

MDU5308 - Research Methodology

Introduction to research, the research process, reviving the literature, formulating a research problem, Identifying variables, Constructing hypothesis, the research design, selecting a study design, Population and sample, Selecting a sample, Methods of data collection, Ethical issues in data collection, Establishing the validity and reliability of a research instrument, Laboratory investigations in research, Processing data, Software for data processing and presenting, Reference writing, Proposal writing, Report writing, Article writing, Research presentation

MDU5209 - Advanced Techniques in Medical Laboratory Sciences

General aspects of protein analysis, Sample preparation, Protein electrophoresis, Determination of composition and sequencing, Introduction to nanotechnology, Applications of nanotechnology in health care, History and applications of animal studies, Handling of laboratory animals, Animal models, Animal studies

MDU5210 - Special Topics in MLS

Scientific seminars related to current scenarios, Organize and conduct social activities related to Medical Laboratory Sciences

MDU5211 - Healthcare Informatics

Introduction to health informatics, Theoretical basis of health informatics, Basic computer competencies essential for health informatics for MLS, Principles in health information management, Basic principles in medical laboratory informatics and LIMS, Principles of health data analytics for common use, Basic management skills for health informatics projects, Digital health information systems and health IT infrastructure, Health information system interoperability, health data standards and exchange, Evidence based healthcare using informatics approaches (include using search engines), Good practices in ethical, legal, professional and regulatory obligations in health informatics, Current and future trends in health informatics, Human factors, ergonomics in health informatics.

MDU5212 - Literature Review

Student will select and review a topic of research of their choice. Will involve searching for literature, sorting and prioritizing the literature, analytical reading and evaluation of papers, comparison across studies and finally writing a well-organized, structured review including a critical analysis and synthesis of the findings to highlight gaps or directions that will help formulate new research questions/hypothesis. This course requires the student to work independently with minimal supervision

LEVEL 6

MDU6800 - Research Project

Student will design and conduct a research study under the guidance of a supervisor. It would be conducted as a group project (2-3 members), but will require a high degree of independent work. Student will review literature relevant to the topic and formulate research questions/hypothesis. Data collection activities will be for about 2-3 months.

Findings of the research project must be analysed and communicated in the written form in a scientific report using correct formats and styles and presented orally

MDU6301 - Cytogenetics and Molecular Genetics

Chromosome morphology & Cytogenetic Nomenclature, Cell division and gametogenesis, Introduction to embryological development, Mechanisms of chromosomal abnormalities, Chromosome abnormalities in birth defects, Chromosome abnormalities in malignancies, DNA and RNA structure, Human genome and genetic variations, Patterns of inheritance, Genetic counselling, Biochemical genetics, Pharmacogenetics and Pharmacogenomics, Molecular Microbiology, Assisted reproductive techniques and stem cells, Ethics in Genetics, Introduction to Bioinformatics tools, Bioinformatics databases, Retrieving and analyzing sequence data, Designing genotyping assays, Chromosome culture and karyotyping, Special cytogenetic techniques, DNA/RNA amplification using PCR/RT-PCR, Post PCR processing

MDU6302 - Public Health Microbiology

Infectious diseases and Public health microbiology - Introduction to Public Health, Microbiome, Vector borne diseases, Water borne infections, Laboratory diagnosis of water borne infections, Food borne Infections and Food poisoning, Laboratory diagnosis of Food borne infections, Hospital acquired infections, Bioterrorism, Bioterrorism – Bacterial agents, Surveillance and Monitoring health - Basics of epidemiology, Epidemiologic methods, Public health surveillance, Investigation outbreaks, Typing methods

MDU6503 - Clinical Biochemistry III

Functions of the kidney and kidney diseases, Kidney function tests, Functions of the liver and liver diseases, Liver function tests**,** Biochemical functions of GI tract and its disorders, Laboratory evaluation of GI diseases, Evaluation of cardiac function, Cardiac disorders and laboratory diagnosis, Classification of hormones, Biosynthesis and regulation of hormones, Laboratory estimation of hormones, Thyroid hormones, Adrenal hormones, Reproductive hormones. Other hormones**,** Laboratory investigations related to pregnancy, Prenatal and Postnatal screening and disease diagnosis, Chemistry and functions of vitamins**,** Laboratory evaluation of vitamins**,** Biological importance of Minerals, Iron metabolism and laboratory evaluation, Calcium, Phosphorous and Magnesium metabolism and laboratory evaluation, Trace elements, Introduction to toxicology, Introduction to tumour markers, Clinically important tumour markers and their laboratory evaluation, Introduction to pharmacology, Therapeutic drug monitoring

MDU6404 - Medical Laboratory Quality Management & Accreditation

Introduction to Quality Assurance (QA), Concepts of Quality Control, QA procedures, Root cause analysis in troubleshooting, Establishment of verification of method performance specifications, Quality indicators, Internal audit**,** The Laboratory Medical Director: Roles, Responsibilities and Expectations, The Laboratory Manager/Supervisor: Roles, Responsibilities and Expectations, Management Theory: Applying Emotional Intelligence in the Healthcare Environment, Delivering Effective Presentations, Basic Elements of the Strategic Process, Setting Performance Expectations, Appraising Employee Performance, Maintaining Ethics in the

Laboratory, preparation of Job Description**,** Developing Quality management Systems, Preparing Standard Operating Procedures and maintaining proper reporting documentation**,** Preparation of annual budgetary requirements, LEAN management, Purchasing procedures/ procurement, Equipment selection and procurement procedure including preparation of specifications**,** Laboratory Management Information Systems in Daily Practice**,** Management requirements, Technical requirements, Laboratory information management, Laboratory information system

MDU6705 - Work Based Training IV

Clinical biochemistry, Bacteriology, Virology & Mycology, Haematology, Histopathology and Cytology, Molecular biology, Laboratory management

Bachelor of Pharmacy Honours

The Bachelor of Pharmacy Honours (BPharm Hons) Degree Programme is designed to develop a professional Pharmacist with knowledge, favourable attitudes and skills in Pharmacy Practice and Pharmaceutical Sciences to suit the needs of the healthcare sector and the relevant academic and research fields.

Aim

Aim is to develop a graduate with knowledge, skills and attitudes to become a competent Pharmacist who can effectively contribute to the needs and challenges of the pharmacy profession.

Specific Objectives

Upon successful completion of the programme, a Pharmacy Honours graduate is expected to:

- Provide up to date theoretical and applied knowledge in the Pharmacy discipline
- Recognize core areas of Pharmacy discipline which includes Pharmacy Practice and Pharmaceutical Sciences
- Utilize their understanding of fundamental knowledge to practice as a Pharmacist
- Develop technical and transferable skills needed to practice as a Pharmacist
- Encourage innovation through research
- Build ethical and professional conduct
- Encourage continuous personal and professional development through lifelong learning

Admission Requirements

Applicants should possess the following qualifications to register for the Bachelor of Pharmacy Honours Degree programme.

a) Minimum of three (03) Pass grades in one sitting at the G.C.E. A/ Level Examination in the Science stream including Chemistry, **or,**

b) An equivalent or higher qualification acceptable to the senate

AND,

c) Minimum C grade in Chemistry at the G.C.E. A/Level Examination, OR B- grades for all Chemistry courses in the Foundation in Science programme of the OUSL

AND,

d) Minimum S pass for English at the G.C.E. O/ Level examination

AND,

e) Certificate of Proficiency in Pharmacy, Ministry of Health, Sri Lanka OR Diploma in Pharmacy, University of Colombo OR Certificate of Efficiency, Ministry of Health, Sri Lanka

AND,

f) Pass the Selection Test and be eligible for admission based on the Selection Test marks scored.

Medium of Instruction

Medium of instruction is English. Examinations are also conducted only in the English medium and the students are required to answer only in English.

Duration of Programme

The programme is composed of 120 credits of courses at Levels 3 to 6. The minimum duration required to complete all four levels of the programme is four Academic Years. Those who have the Diploma in Pharmacy/Certificate of Proficiency in Pharmacy are exempted from Level 3, thus the Levels 4 to 6 of the programme (90 credits) can be completed in a minimum period of three academic years.

Exemptions

The Senate may grant exemptions to a student from specified courses based on prior qualifications. The total credits exemptions which may be so granted shall not exceed 30 credits.

Those having a Diploma in Pharmacy/Certificate of Proficiency in Pharmacy from Ministry of Health or University of Colombo are granted exemptions at Level 3 as indicated in Table 19.

Course Fees

Course fees applicable for the students registering for the BPharm Hons Degree programme in 2019/2020 are as follows (Table 17).

Table 17: Fees for the BPharmHons programme

Fee	Fee (Rs.)
Registration Fee	400.00
Facility Fee	1500.00
Library Facility Fee	100.00
Laboratory Facility Fee	1500.00
Refundable Lab Fee	2500.00
Tuition fees - per Credit	
Levels 03 & 04	2750.00
Levels 05 & 06	2970.00

See Table 4 for StART@OUSL course fees.

Programme structure

Pharmacy Honours Degree programme offers regular courses at Levels 3 to 6. All courses are compulsory, unless otherwise mentioned. Students are required to offer 30 credits at each Level. However, a student can register between 8 - 30 credits of courses per year depending on the time available for studies.

Students are also required to register for Continuing Education Courses, some of which are offered under the StART@OUSL programme.

Table 18: Bachelor of Pharmacy Honours degree programme courses

Regular Courses

Course Code	Course Title	Credit rating	Pre-requisites
Level 3 – Compulsory courses			
BSU3340*	Pharmaceutical Chemistry I	3	-
BSU3341*	Pharmaceutical Chemistry II	3	-
BSU3230*	Human Anatomy	2	-
BSU3431*	Human Physiology	4	BSU3230 (CR)
FMU3300	Biochemistry	3	-
FMU3401	Pharmacognosy I	4	-
FMU3302	Physical Pharmacy	3	-
FMU3203	Pharmaceutics I	2	-
FMU3204	Pharmaceutical Microbiology I	2	-
FMU3205	Health Communication	2	
FMU3206	Essential Mathematics for Pharmacy	2	
Pre-requisite to register for courses at Level 4: Minimum CR for 30 credits of regular courses at Level 3, and for LEE3410, FDE3020 and FME3200			
Level 4 – Compulsory courses			
BSU4230*	Basic Statistics	2	-
BSU4340*	Pharmaceutical Chemistry III	3	BSU3341 (EL)
FMU4300	Pathophysiology	3	-
FMU4501	Pharmaceutics II	5	FMU3203 (EL)
FMU4302	Pharmacognosy II	3	FMU3401 (EL)
FMU4303	Pharmacology I	3	-
FMU4304	Hospital Pharmacy	3	-
FMU4205	Community Pharmacy	2	-
FMU4306	Pharmaceutical Microbiology II	3	FMU3204 (EL)
FMU4307	Pharmaceutical Analysis I	3	-
Pre-requisite to register for courses at Level 5: Minimum CR for 30 credits each of Level 3 and Level 4 regular courses, and for FME4408, LEE3410, FDE3020 and FME3200			
Level 5 – Compulsory courses			
FMU5400	Pharmacology II	4	FMU4303 (EL)
FMU5501	Pharmacology III	5	FMU5400 (CR)
FMU5202	Laws & Ethics for Pharmacy	2	-
FMU5403	Pharmaceutical Technology I	4	-
FMU5504	Pharmaceutical Technology II	5	FMU5403(CR)
FMU5205	Pharmaceutical Analysis II	2	FME3200 (C Grade)
FMU5406	Pharmaceutical Marketing, Management and Pharmacoeconomics	4	-
FMU5210	Research Methodology	2	-

Course Code	Course Title	Credit rating	Pre-requisites
Level 5 - Optional courses – Offer 2 course credits			
BSU5230*	Applied Statistics	2	BSU4230 (C Grade)
FMU5208	Literature review	2	-
FMU5209	Advanced seminars	2	-
Pre-requisites to register for courses at Level 6: Minimum CR for 30 credits each of Levels 3, 4, and 5 regular courses, and for FME4408, FME5410, LEE3410 and FDE3020			
Level 6 – Compulsory courses			
FMU6300	Pharmaceutical Biotechnology & Genetic engineering	3	-
FMU6301	Biopharmaceutics	3	-
FMU6302	Therapeutics	3	FMU5501(EL)
FMU6303	Clinical Pharmacy I	3	FMU6302 (CR)
FMU6304	Clinical Pharmacy II	3	FMU6303 (CR)
FMU6505	Medicinal Chemistry	5	-
FMU6806	Research project	8	FMU5210 (C Grade) and BSU4230 (C Grade)
Level 6 - Optional courses –Offer 2 course credits			
FMU6207	Drug Development	2	-
FMU6208	Special Topics in Pharmacy	2	-

*Offered by Dept. of Basic Sciences; EL: Eligibility, CR: Concurrent Registration

Continuing Education Courses

Course Code	Course Title	Credit Rating	Pre-requisites
Compulsory courses			
Level 3			
LEE3410	English for General Academic Purposes (EGAP)	4	-
FDE3020	Empowering for independent Learning (EfIL)	0	-
FME3200*	Refresher Course for Pharmacists	2	-
Level 4			
FME4408	Internship I	4	-
Level 05			
FME5410	Internship II	4	FME4408 (EL)
Level 06			
FME6409	Internship III	4	FME5410 (EL)

Optional courses			
Level 03			
CSE3213	ICT skills	2	-

* Students registered for the BPharmHons degree in or before Academic year 2019/2020 are exempted.

Students who have successfully completed the Diploma in Pharmacy/Certificate of Proficiency in Pharmacy from Ministry of Health or University of Colombo will be granted exemptions for Level 3 courses as given in Table 19. Students should claim these exemptions at the first registration.

Table 19: Schedule of Exemptions

Qualification	Courses/credits exempted
Certificate of Proficiency in Pharmacy, Ministry of Health, Sri Lanka	30 credits of regular courses at Level 3 and FME4408, FME5410, FME6409
Diploma in Pharmacy, University of Colombo	30 credits of regular courses at Level 3 and FME4408, FME5410, FME6409
Certificate of Efficiency in Pharmacy, Ministry of Health, Sri Lanka	FME3200 - Refresher Course for Pharmacists

Evaluation

A student's progress is assessed continuously throughout the course by means of assignments, No Book Tests (NBT), presentations and progress reports, Objective Structured Clinical Examination (OSCE) and Viva voce and also at the end of the course by means of a Final Examination. The Faculty operates a semester system for its courses; consequently, the final examinations are held at the end of each semester. To be eligible to sit for the examination of a course, a student should score a minimum of 40% for its overall Continuous Assessment Mark (OCAM). The OCAM of a course is valid to sit final examinations only for two academic years, including the year in which the OCAM is obtained.

(i) Overall Mark

For each course the overall mark, "Z%" will be computed by a combination of the Overall Continuous Assessment Mark (OCAM), "X%" and the Final Examination Mark (FEM), "Y%" as follows:

For courses offered by the Faculty of Health Sciences:

If, $Y \geq 50$ and $X \geq 40$, then $Z = 0.4\,X + 0.6\,Y$

$40 \leq Y < 50$ and $X \geq 40$, then $Z = 0.4X + 0.6Y$, subject to a maximum of 50

$Y < 40\%$, then $Z = Y$

(ii) Overall Grade and Grade Point Value

Each student who sits the Final Examination of a course shall be awarded an overall Grade and a Grade Point Value (GPV), in respect of such course based on the Overall Assessment Mark (Z%). Table 20 below gives the GPV awarded for courses offered by the Faculty of Health Sciences.

Table 20: Overall Grade and Grade Point Value

Marks Range	Grade	GPV
80-100	A^+	4.00
75-79	A	4.00
70-74	A^-	3.70
65-69	B+	3.30
60-64	B	3.00
57-59	B^-	2.70
54-56	C^+	2.30
50-53	C	2.00
45-49	C^-	1.70
40-44	D^+	1.30
30-39	D	1.00
0-29	E	0.00

Grades C and above are Pass Grades

Bachelor of Pharmacy Honours Programme Award Criteria

Award of the degree will be in accordance with the provisions of the Open University By Law No. 21 and Regulation No. 21.FH.2 (Table 21).

Table 21: BPharmHons Degree Award Criteria

Minimum credit requirements	Exemption and/or eligibility in: • 30 credits of regular courses at each of the Levels 3,4,5 and 6, and, • LEE3410, FDE3020, FME4408, FME5410 and FME6409
Pass	• Minimum of C grades in 120 course credits, comprising 30 course credits of regular courses at each of the Levels 3, 4, 5 and 6, • Minimum of C grades for LEE3410, FDE3020, FME4408, FME5410 and FME6409, • Minimum GPA of 2.00 in courses adding up to 90 course credits of regular courses at Levels 4, 5 and 6.
To be awarded a First or Second Class, a student needs to fulfil the Pass criteria specified above with criteria specified below:	
Second Class (Lower Division)	• Minimum GPA of 3.00 in courses adding up to 90 course credits of regular courses at Levels 4, 5 and 6
Second Class (Upper Division)	• Minimum GPA of 3.30 in courses adding up to 90 course credits of regular courses at Levels 4, 5 and 6.
First Class	• Minimum GPA of 3.70 in courses at the first attempt adding up to 90 course credits of regular courses at Levels 4, 5 and 6

The course credit requirements specified above should be acquired within a maximum period of 12 consecutive academic years from the date of first registration.

Table 21: BPharmHons Degree Completion Statistics

First batch of students of the BPharm Hons Degree programme graduated in 2018.

Year	First Class	2nd Upper	2nd Lower	Pass	Total
2018	01	01	04	05	11

Course Details

LEVEL 3

BSU3340 Pharmaceutical Chemistry I

Introduction: The periodic table and the properties of elements, Intermolecular forces: Intermolecular attractive forces, Chemical bonding: Theory of chemical bonding, Physical properties of drug molecules: Refractive index and refractivity, Dipole moment and optical activity, Acids, bases and buffers: Acids and bases, Henderson - Hassel Balch equation, Salts of weak acids and weak bases and buffers, Solubility and related phenomenon: Solubility of gases/ liquids/ solids in liquids, Factors affecting solubility of solids in liquids, Partition coefficients, Dissolution and diffusion, Quantitative analysis (volumetric and gravimetric analysis): Introduction to quantitative analysis, Acid-base titrations and non-aqueous titrations, Oxidation-reduction reactions, Complex formation reactions, Gravimetric analysis, Precipitation titrations.

BSU3341 Pharmaceutical Chemistry II

Structure and properties of chemical compounds: Structure, Properties and reactivity of organic compounds, Organic reactions, Acids and bases in organic chemistry, Aliphatic hydrocarbons: Chemistry of alkanes and cycloalkanes, Alkenes, Alkynes, Aliphatic compounds with functional groups: Chemistry of alkyl halides, alcohols, ethers and epoxides, aldehydes and ketones, Chemistry of Carboxylic acids and their derivatives, Chemistry of amines, Conformations and stereochemistry: Conformations of alkanes and cycloalkanes, Isomerism - constitutional isomers & stereo isomers, molecular symmetry, enantiomers and chirality, Optical activity - detection of chirality, importance of chirality in life, Reaction Mechanisms: Nucleophilic substitution reactions: mechanism, scope, solvent effects and rearrangements in nucleophilic substitution reactions, Elimination reactions, Addition reactions.

BSU3230 Human Anatomy

Introduction to human anatomy: importance of anatomy, history, terminology, Anatomy of cells and tissues: Structure of cells, cell membrane, cellular organelles, cell division, types of tissues, Organization of the human body: organs and systems, body plan, body cavities, Nervous system I: structure of nerve, central nervous system, brain, motor neurons, sensory neurons, Nervous system II, Sensory organs: sensory receptors, reflexes, special senses - nose, eye, tongue, ear, skin , Endocrine system: classification of hormones, endocrine glands, Skeletal system I: Structure of skeletal muscles, types of muscle, cartilage; types of bone, regions of the skeleton, vertebral column, thoracic cage, appendicular skeleton, Skeletal system II, Joints and articulation: classification of joints, ligaments, tendons, joints of the upper and lower limbs, ligaments of the vertebral column, Muscular system: attachment of muscles, muscles of the head, face, neck, shoulders, forearm, respirations, abdominal wall, joints, pelvic floor, back, Circulatory System I, Blood and the heart: structure of the heart and blood flow, cardiac conduction system, Circulatory System II, Blood vessels and lymphatic system: Composition of Blood, structure of blood vessels, structure of lymphatic system, formation and circulation of lymph, Immune system: cells and organs of the immune system, specific, non-specific, cell-mediated, antibody mediated, Respiratory system: air conducting regions – nose, pharynx, larynx, trachea, bronchi, alveoli, respiratory mucosa; voice production, rib cage, properties of lung tissue, blood and nerve supply,

Gastrointestinal system: alimentary tract, structure of alimentary canal, accessory digestive organs, Renal system: kidney, nephron, ureter, bladder, blood and nerve supply, Reproductive system: male and female reproductive system

BSU3431 Human Physiology

Introduction to human physiology: homeostasis, osmolality, pH, temperature, physiology of a healthy body, Cellular metabolism: cellular respiration, energy production mechanisms and ATP, Cellular Physiology: cell membranes, transport of material, cell receptors, drug receptors, body fluids and regulation of body fluids, Nervous System I: physiology of neurons, membrane potential, synapses, Neurotransmitters, Neurotransmission, Nervous System II: central nervous system, peripheral nervous system and autonomic nervous system, Nervous System III: Blood flow to brain, blood brain barrier, sensory-motor pathways, adaptations, basis of disorders, Nervous System IV - Sensory Organs: physiology of special senses - nose, eye, tongue, ear, skin; special conditions, wounds and healing, Nervous System V - Higher functions of the nervous system: olfactory sensation, vision, oculomotor nerve, trochlear nerve, trigeminal nerves, abducent nerve, facial nerves, vestibulocochlear, glossopharyngeal, vagus, accessory nerves, hypoglossal nerve; hypothalamus, cerebral circulation, cerebrospinal fluid, Cardiovascular System I: Exchange of material in capillary beds, Haemopoesis, blood group and transfusions, clotting of blood and blood clotting pathways, disorders in clotting pathways and identification of disease, Cardiovascular System II: Cardiac cycle, electrocardiogram, heart rate, nervous control, blood pressure and circulation, blood pressure regulation, Immune System: Innate and acquired immunity, blood groups and antibodies, vaccines, Respiratory system I: mechanism of breathing, types of respiration, Exchange of gases, Respiratory volumes, Respiratory system II: regulation, importance of respiratory adjustments, pathological conditions, Urinary System: Formation of urine, water balance, dialysis, Renin-angiotensin system, Respiratory and Metabolic acidosis and alkalosis, Musculoskeletal System - Biomechanics of human motion: muscle contractions, sliding filament theory, physiology of Neuro Muscular Junction, Energy metabolism, types of muscle contractions, Digestive System: Principles and signalling of GI tract, metabolism of food and motility, digestion and absorption of food in stomach, GI secretion and absorption in intestine, Endocrine system I: hormonal action, control of hormones, regulation of secretions, Endocrine system II: Functions and mechanism of action of, hypothalamus and pituitary gland, thyroid gland, parathyroid gland, adrenal gland and pancreas. Calcium metabolism, control of glucose in blood, disease associated in hormone imbalance, Male Reproductive System: mitosis, meiosis, regulation of cell cycle, cell cycle check points, physiology of male reproductive system, physiology of puberty, spermatogenesis, fertilization, Female Reproductive System: Physiology of female reproductive system, puberty, Menstruation, Oocytogenesis, fertilization, implantation, menopause, contraception, Physiology of pregnancy: Pregnancy, labour and lactation, physiological changes in body systems during foetal development, Physiology of aging: Physiological changes of aging in relation to body systems.

FMU3300 Biochemistry

General Introduction: General Introduction to Biochemistry, Biomolecules and Their Main Metabolic Pathways: Chemistry of Carbohydrates, Metabolic Fate of Carbohydrates, Fatty Acid and Lipid Chemistry, Metabolic Fate of Lipids, Amino Acid and Peptide Bond Structure, Classification and Metabolism, Structure, Properties and Functions of Protein , The Nucleic Acids, Bioenergetics, Enzymes, Hormones and

Vitamins: Basics of Enzymes, Mechanism of Action of Enzymes, Enzyme Kinetics, Steroid and Amino Acid Derivatives Hormones, The Peptide Hormones, Vitamins, Regulation and Integration of metabolism of biomolecules: Regulation of Metabolism (Induction, Repression, Allosterism, Covalent Modification and Patterns of Regulation, Biochemical Pathways), Integration of Metabolism,

FMU3401 - Pharmacognosy I

Introduction to Pharmacognosy: History and development of Pharmacognosy, Traditional systems of medicines: The introduction to cell, contents and cell differentiation, Plant nomenclature and taxonomy, Plant growth regulators, Crude drugs: Introduction to crude drugs, Preparation of crude drugs, Crude drugs from natural origin: Carbohydrates containing crude drugs, Lipids containing crude drugs, Alkaloids containing crude drugs, Glycosides containing crude drugs, Tannins containing crude drugs, Terpenoids& resins containing crude drugs, Essential oils containing crude drugs, Drugs of mineral origin, Drugs of animal origin, Drugs of marine origin.

FMU3302 - Physical Pharmacy

Drug Stability: General principles of chemical breakdown of drugs, Kinetics of decomposition, Basic Thermodynamics: Energy and the first Law of Thermodynamics, The entropy concept, The free energy, equilibrium, Diffusion, Dissolution and Solubility: The diffusion phenomena, Fick's law of diffusion, Theory of dissolution, Factors affecting dissolution rate, Basic concepts of solubility, Interfacial Phenomenon: Introduction to surface and interfacial phenomena, Pharmaceutical applications of Hydrophile and Lipophile Balance (HLB), Rheology: Fundamental concept of rheology, Measurement of viscosity and thixotropy, Micrometrics: Particle size and size distribution, Disperse System: Introduction to colloidal dispersion, Coarse dispersion-Suspension, Coarse dispersion-Emulsion, Complexation and Protein Binding: Theory of complexation and protein binding, Radioactivity: Nature and characteristics of radiation, Radioactive isotopes in Pharmacy, Use of polymers in pharmacy: Introduction to pharmaceutical polymers, Natural polymers and their modification.

FMU3203 - Pharmaceutics I

Introduction to Pharmaceutics: History and Evolution of Pharmacy, Preview to Pharmaceutics, Introduction to pharmacopeia, Dosage forms: Introduction to Dosage forms, Concept of solvents and excipients in Pharmacy: Excipients in Pharmacy, Solvents in Pharmacy, Prescription and Posology: Prescription, Latin Abbreviation & Posology, Medication errors, Pharmaceutical incompatibilities, Unit processes: Unit processes, Extractions.

FMU3204 - Pharmaceutical Microbiology

General Introduction to Microbiology: Introduction to Microbiology, Classification of microorganisms, Bacteria, Viruses and other microorganisms: General Bacteriology, Virology, General Mycology, Yeast infections and Dermophytes, Microbial growth: Growth of microorganisms, Factors influencing microbial growth, Enumeration of bacteria and fungi, Quantitative measurements of viruses, Genetics of bacteria, Control of microbial growth, Antimicrobial/ physical agents in controlling microbial growth, Chemical agents commonly use in sterilization and disinfection, Antibiotics Sensitivity Test (ABST).

FMU3205 – Health Communication

Introduction to Communication in Healthcare Profession: Definitions and Basic Assumptions in Human Communication, Selected Healthcare Related Models of Communication, Communication Variables in Healthcare Practice, Communication in Healthcare Relationships: Healthcare professional –Patient/ Client Relationship, Inter-professional Relationship, Healthcare Professional- Family Relationship, Levels and types of communication: Levels of Communication, Types of Communication, Nonverbal Communication, Communication Strategies: Active Listening, Strategies that Encourage Conversation and Elaboration, Strategies that Help Patients Express Thoughts and Feelings, Strategies that Ensure Mutual Understanding, Reporting and Documentation: The Importance of Reporting, the Importance of Documenting.

FMU3206 - Essential Mathematics for Pharmacy

Numbers and basic algebra: Numbers, Basic algebra, Logarithms and Functions: Logarithms, Functions, Trigonometry and limits: Trigonometry, Limits, Differentiation and Integration: Differentiation, Turning points, Partial differentiation, Total differentiation, Homogenous function and Euler's theorem on homogenous function, Integration, Exact differential equations.

LEVEL 4

BSU4230 - Basic Statistics

Introduction to Health Statistics: Classification of research – pilot study, case study, clinical trial, observations and experimental studies, terminology in medical research, Qualitative & quantitative research, Presentation of data: Data types and scales of measurement (qualitative/quantitative, discrete/continuous, nominal/ordinal/ interval), graphical categorical data, graphical continuous data, Summarization of data: Central tendency (mean, median, mode), dispersion (variance, standard deviation, inter-quartile range), Probability statistics: Rules of probability, probability distribution, normal distribution, standard normal distribution, Normal distribution, Errors in studies: random variation, bias, sampling error, missing values, non-sampling errors, Sampling methods: Probability sampling (random sampling), non-probability sampling, Populations and sampling: Populations and sample "parameters & statistics", probability sampling methods and non-probability sampling methods, Inference of means and proportions: Distribution of mean, standard error, confidence intervals, point estimate and interval estimates, Measures of morbidity and mortality, and Survival analysis: fertility, morbidity, mortality, cohort life tables, Descriptive statistics in medical research: retrospective, prospective studies, cohorts, case control studies, cross sectional studies, concepts in epidemiology/health research, Diagnostic tests and clinical trials, Research designs in Health Sciences – Research designs, quantitative and qualitative research methods.

BSU4340 - Pharmaceutical Chemistry III

Conjugated systems and aromatic compounds: Chemistry of Dienes, Benzene and Substituted Benzene Compounds Structure and Nomenclature, Aromaticity and Hukel's Rule, Electrophilic Substitution Reactions of Benzene, Electrophilic Aromatic Substitution Reactions of Benzene, Nucleophilic Substitution Reactions, Addition Reactions of Benzene and Reactions at the Side Chain of Substituted benzene derivatives, Phenols and Aryl Ethers, Arenediazonium Salts, Aromatic heterocyclic

compounds: Introduction to heterocyclic chemistry, Properties and reactions of heterocyclic compounds, Six membered aromatic heterocyclic compounds, Five membered Aromatic Heterocyclic Compounds, Fused Heterocyclic Ring Systems, Biologically Important Heterocyclic Compounds.

FMU4300 - Pathophysiology

General aspect of Pathophysiology: Cell injury, Inflammation, Intracellular and extracellular accumulations, Hypersensitivity and Autoimmune Disorders, Haemodynamic Disorders, Disorders of cells and tissues: Cell Growth and Adaptation, Neoplasia, Disorders of Cardiovascular system: Disorders of blood cells, Disorders of blood vessels, Disorders of heart, Disorders in Urinary system: Urinary Tract Obstruction, Formation of Calculi, Acute and Chronic Pyelonephritis and Glomerulonephritis, Renal failure, Disorders of the Nervous system and special senses: Important Neurological Disorders-Epilepsy, Chorea and Multiple Sclerosis, Degenerative Disorders and Psychiatric Disorders, Pain Syndrome, Disorders of eye, Disorders of the Reproductive system: Infertility, Abnormal Menstruation, Disorders of the Respiratory tract: Cough and Tonsillitis, Bronchitis, Bronchial Asthma and Emphysema, Disorders of the Digestive tract: Upper Gastrointestinal Disorders and Malabsorption Syndrome, Diseases of the Gall Bladder and Pancreas, Liver Diseases, Disorders of Bones, joints and Cartilages: Arthropathies, Metabolic diseases of bone, Endocrine System: Endocrine glands.

FMU4501 - Pharmaceutics II

Solid dosage forms: Powders and Granules, Tablets, Capsules, Suppositories and Pessaries, Liquid dosage forms: Solutions, Suspensions, Emulsions, and Colloids, Semisolid Dosage Forms, Parenteral and other formulations: Parenteral formulations, Ocular, Nasal and Otic Dosage Forms, Topical and Transdermal formulations, Therapeutic aerosols, Controlled drug delivery systems, Medical devices and gases: Introduction to medical devices, Surgical aids, Health accessories, Medical gases, Cosmeceuticals, Borderline products, Nutraceuticals, Veterinary Pharmaceuticals and Radiopharmaceuticals : Nutraceuticals and dietary supplements, Cosmeceuticals and Borderline products, Veterinary pharmaceuticals, radiopharmaceuticals, Blood and blood related products: Blood and haematological products, Blood and blood belated products, Storage and packaging of blood and blood related products, Packaging materials and labelling: Types of packaging materials, Testing of packaging materials, Labelling, Pharmaceutical Calculations: Fundamentals of pharmaceutical calculations, International systems of units, Expression of concentration, Conversions, Stock solution, Dilution and concentrate of liquids, solids and semi solids, Allegation, Trituration, Working formula for Dosage form calculation, Electrolyte solutions, Preparation of isotonic solutions, Density, Specific Gravity and calculation of specific gravity of liquids, Specific volume.

FMU4302 - Pharmacognosy II

Analytical Pharmacognosy: Introduction to Analytical Pharmacognosy, Application of chromatographic techniques in Pharmacognosy., Biosynthesis of plant metabolites: Biosynthetic pathways & elucidation techniques, Analysis of pharmaceutical and medicinal agents from natural products: Carbohydrates, Glycosides, Alkaloids, Tannins, Essential oils and terpenoids, Tumor inhibitors from plants, products of proteins, Allergens and allergenic preparations, Natural Pesticides, Medicinal plants &

conservation: The global background of the use of medicinal plants, Conservation of medicinal plants.

FMU4303 - Pharmacology I

General Principles of Pharmacology: Introduction to Pharmacology, Routes of Administration of Drugs, Pharmacokinetics (Absorption, Distribution, Biotransformation and Elimination), Pharmacodynamics, Adverse Drug Reactions, Drug interactions, Pharmacology of drugs acting on ANS: Introduction to Autonomic Nervous System, Cholinomimetic (Cholinergic) drugs, Anticholinergic drugs, Sympathomimetic (Adrenergic) drugs, Sympatholytic drugs (Adrenergic antagonists), Pharmacology of GIT: Drugs for peptic ulcers, Laxatives and purgatives, Antidiarrheals, Emetics and Antiemetics, Oral Rehydration Solutions (ORS) and Total Parenteral Nutrition (TPN), Drugs used in irritable bowel syndrome (IBS) and inflammatory bowel disease (IBD), Drugs used in liver diseases, Pharmacology of Respiratory Drugs: Drugs Used for Bronchial Asthma and Chronic Obstructive Pulmonary Disease (COPD), Expectorants (Mucolytics), Antitussives and Nasal Decongestants, Toxicology: Definition, scope and branches of Toxicology, Genetic factors effecting toxicity.

FMU4304 - Hospital Pharmacy

Introduction to Hospital Pharmacy: Hospital and its organization, Basic concepts of Hospital Pharmacy, Good Pharmacy Practice (GPP) and Good Dispensing Practice (GDP), Healthcare System in Sri Lanka: Introduction to Healthcare System in Sri Lanka, Healthcare Team, Essential Medicines List (EML), Rational medicine use, Pharmacoepidemiology, Dispensing: Dispensing Cycle, Dispensing errors, Dispensing in Outdoor Patients, Dispensing in Indoor and Ambulatory Patients, Aseptic Dispensing, Procurement and Distribution of Medicine: Procurement Cycle and Impacts on procurement of medicines, Preparation of annual requirement of drugs, Distribution of medicines, Inventory Control: Inventory Control, Bulk and Sterile manufacturing of medicines in hospitals, Documentation, Management of Pharmacy Related areas in hospitals: Management of indoor patients, Management of outdoor patients, Management of Accident and Emergency Pharmacy, Radiopharmaceuticals.

*Practical component related to this course will be covered in the FME4408 (Internship I) and FME6409 (Internship III)

FMU4205 - Community Pharmacy

Introduction to Community Pharmacy: Basic concepts of Community Pharmacy, Organization and management of community pharmacy, Role of a master/senior Pharmacist and apprentice Pharmacist, Role of a Community Pharmacist: Role of Pharmacist in Dispensing, Handling of prescriptions, Patient Compliance, Documentation, Patient Counselling. Role of pharmacist as a public health educator, Role of pharmacist in borderline medicines, Record keeping and drug abuse: Prescription Book, Drug abuse and misuse. Application of technology and information systems in pharmacy,

*Practical component related to this course will be covered in the FME4408 (Internship I)

FMU4306 - Pharmaceutical Microbiology II

Microscopy: Techniques for microscopy, The study of microbial structures – Microscopy, Laboratory diagnosis of bacteria and fungi, Immunology: Cells and tissues of the immune system, General principles of Immunology, Immuno-prophylaxis, Detection and measurement of Antigen Antibody reaction, Hypersensitivity, Autoimmunity, Immunodeficiency, Transplant immunology, Parasitology- Basic concepts of parasitology and diseases associated with parasites, Spoilage and preservation of pharmaceutical products: Sources of contamination of pharmaceutical products, Factors which affect survival and growth of microorganisms responsible for spoilage, Microbial spoilage of pharmaceutical products, Preservation of products using antimicrobial agents, Principle of factory / hospital hygiene, Manufacturing processes and their influence on control of contamination, Principles and practice of sterilization, Sterilization control and assurance of sterility by process validation, Sterility testing and microbial contamination of non-sterile products, Uses of microorganism in the production of Pharmaceuticals.

FMU4307 - Pharmaceutical Analysis I

Chromatographic techniques in pharmaceutical analysis: Analytical techniques used in Pharmaceutical Analysis, Errors in Analysis, Introduction to Pharmaceutical Analysis and Errors in Analysis. Introduction to Chromatography, Column Chromatography, Thin Layer Chromatography, Paper Chromatography, Ion Exchange Chromatography, Gas Chromatography, High Performance Liquid Chromatography, Size exclusion chromatography, Electrochemical Method of Analysis: Introduction to Electrochemical Method of Analysis, Potentiometry, Condutometry, Polarography, Coulometry and Voltammetry, Spectroscopy (Optical methods) techniques in pharmaceutical analysis: Introduction to Electromagnetic Spectrum and its Interaction with Matter, Ultraviolet, Visible Spectroscopy, Infrared Spectroscopy, Nephlometry and Turbidimetry, Flourimetry, Nuclear Magnetic Resonance Spectroscopy (NMR), Flame Photometry and Polarimetry, Atomic Absorption Spectroscopy and Mass Spectroscopy.

FME4408 - Internship I

A Work Based Training will be provided at Rajya osusala under State Pharmaceutical Corporation (SPC), State Pharmaceutical Company head office and at a selected teaching/ base hospital

LEVEL 5

FMU5400 - Pharmacology II

Pharmacology of drugs acting on blood: Haematopoiesis, Anticoagulants, Thrombolytic and anti-platelet drugs, Pharmacology of drugs acting on CVS and renal disease: Basic cardiovascular physiology, Antihypertensive drugs, Diuretics, Drugs used in heart failure, Antiarrhythmics, Drugs used in angina and Myocardial Infarction (MI), Drugs used in Hyperlipidaemia, Treatment of Hypolipoproteinaemia, Drugs used in renal disease, Pharmacology of drugs acting on CNS: Introduction to pharmacology of drugs acting on CNS, General anaesthetics, Local anaesthetics, Hypnotics and sedatives, Antiepileptic drugs, Anti-Parkinson's, Antipsychotics, Antidepressants, Drugs acting on endocrine system: Introduction to drugs act on endocrine system, Thyroid and antithyroid agents, Antidiabetic agents, Growth hormone, GHIH and

GHRH, ACTH, TSH, General pharmacology of oxytocin, Vasopressin and drugs used on uterus, Drugs affecting calcium balance, Steroids, Gonadal / sex hormones, Hormones of the adrenal cortex, Anti-steroid drugs and gene therapy.

FMU5400 - Pharmacology III

Pharmacology of Analgesics: Introduction to analgesics, Opioid Analgesics, Non-narcotic (Non-Steroidal Anti-inflammatory Drugs) Analgesics, Commonly used NSAIDs and other analgesics, Drugs used in arthritis, Chemotherapeutic Drugs – Drugs used in Infections: Introduction to Chemotherapy, Antibiotics, Antibacterials – (Inhibitors of cell wall synthesis and Inhibitors of cell membrane functions), Antibacterials – (Inhibitors of protein synthesis), Antibacterial – inhibitors of nucleic acid metabolism, Antituberculosis and Antileprotic Agents (Antimicobacterials), Anthelminthic Drugs, Antifungal Agents, Antiviral Agents, Antiprotozoal Drugs, Chemotherapeutic Drugs – Oncolitic drugs: Anticancer Drugs, Immunomodulators, Drugs and the skin: Dermatologic pharmacology, Iron therapy and anti-oxidants, Drugs used in special patient populations: Pregnancy and lactation Pharmacology, Perinatal and Paediatric pharmacology, Geriatric Pharmacology, Autacoid and drug therapy in inflammation: pharmacology of Histamine And antihistamines, pharmacology of Serotonin and its agonists and lipid derived autacoids, Immunopharmacology: Vaccines and Immunization schedule, Immunization program in Sri Lanka, Immunoglobulins and other complex biological products, Poisoning: Toxicity of heavy metals, food additives, Marine animals, and fungi like mushrooms, poisoning due to solvents, drugs, household products and snake bites, Management of poisoned patients and prevention of poisoning.

FMU5202 - Laws & Ethics for Pharmacy

Introduction to pharmacy law and ethics: General introduction, Ethics in pharmacy practice, Legal aspects related to Pharmacy: Medical ordinance, National health policy and national medicinal drug policy, Patent law, National Medicines Regulation Act No. 05 of 2015 and regulations and their amendments (Regulations of CDD Act No 27 of 1980 until the NMRA regulations made), Poisons Opium and Dangerous Drugs Ordinance, International control of narcotic drugs and National Dangerous Drug Control Board in Sri Lanka, Food Act No. 26 of 1980 and amendments, Consumer Affairs Authority Act No. 9 of 2003, Animal Disease Act, Shop and Office Employees Act.

FMU5403 - Pharmaceutical Technology I

Flow of fluids: Fluid mechanics, Pascal's law, Buoyancy, Wall tension & LaPlace's law, Measuring the flow rate of fluids, Flow of Heat: Mechanism of heat flow - Conduction, Convection & Radiation, Heat transfer, Evaporation: Basic concepts of evaporation, Evaporators, Drying: Theory of drying, Dryers used in the pharmaceuticals industry, Distillation: Theory of distillation, Methods of distillation, Size reduction and size separation: Principle of size reduction, Size reduction equipment, Official standards for powders and sieves, Particle Size Distribution (PSD) and Screening equipment, Mixing: Theory of mixing, Liquid- liquid mixing, Equipment used for liquid mixing, Solid mixing, Mixing of solids and liquid, Filtration, clarification and centrifugation: Theory of centrifugation and centrifuges, Theory of filtration, Filtering devices, Filter aids, Ultra molecular filtration and dialysis, Reverse osmosis, Air filtration, Crystallization:

Principles of crystallization, Crystallizers, Humidification and dehumidification: Humidity.

FMU5504 - Pharmaceutical Technology II

Pharmaceutical product design and development: Drug development and approval process, Preformulation, Manufacture of solid dosage forms: Introduction to tablet manufacturing, Wet granulation, Dry granulation, Direct compression, Compression and compaction, Tablet coating and packaging, Hard gelatine capsules, Soft gelatine capsules, Manufacture of liquid dosage forms: Solutions, Suspensions, Emulsions, Manufacture of semisolid and transdermal preparations: Semisolid preparations, Transdermal preparations, Manufacture of sterile products.

Parenteral preparations, Ophthalmic preparations, Manufacture of other dosage forms: Cosmeceuticals, Nutraceuticals and borderline products, Materials of construction and corrosion: Materials used for the construction of manufacturing plant, Corrosion, Pollution and hazards in pharmaceutical industry: Industrial pollution and control, Industrial hazards, Nanotechnology applications in pharmaceutical industry: Nanotechnology in pharmaceutical manufacturing.

FMU5205 - Pharmaceutical Analysis II

Quality Management: Introduction to quality management, Quality assurance and quality control, Good Manufacturing Practices (GMP), Quality standards related to pharmaceutical industry with special reference to pharmacopeia, ICH guidelines, ISO guidelines and SLS standards, Standard test methods for pharmaceutical dosage forms: Introduction, Uniformity of content and uniformity of mass, Dissolution, Disintegration, Friability of uncoated tablets and resistance to crushing (hardness) of tablets, Test for sterility, Quality control tests for solid dosage forms, Quality control tests for liquid dosage forms, Quality control tests for semisolid dosage forms and transdermal preparations, Validation of analytical methods and procedures, Pharmaceutical impurities: Introduction, Limit tests for Chloride, Sulphate, Iron, Arsenic, Heavy metals and Lead.

FMU5406 - Pharmaceutical Marketing, Management and Pharmacoeconomics
Management in pharmaceutical organizations: Introduction to organization, Key concepts in management, Planning, Organizing, Leading, Controlling, Pharmaceutical marketing: Basics of marketing, The evolution of marketing thought, The marketing mix, Consumer behaviour, Segmentation, Targeting, Positioning, Marketing environment, Marketing information systems, Health economics: Introduction to health economics, Types of economic evaluations, Calculation of summary measure of efficiency, Costs, Modelling, Basic accountancy: Role and scope of accounting in pharmacy, Basic accounting calculations.

FMU5210 – Research Methodology

Research in Pharmacy: Introduction to research, Types of research, research designs and variables, Common Methods of Research: Introduction to quantitative & qualitative research, Introduction to experimental & clinical research, Research Proposal, Research Methodology: Literature review and Justification, Formulation of the research objectives, Methodology, Sampling concepts, Ethical Aspects in Research: Ethical considerations in research, Research Proposal: Construction of a research proposal.

BSU5230 - Applied Statistics

Hypothesis testing: Null hypothesis and alternate hypothesis, t-distribution, type I and type II errors, *t*-test: one sample, two independent samples and two dependent samples, Chi-squared test: application of chi-squared test, degrees of freedom, rules in calculating chi-squared values, Correlation and linear regression: identify dependent and independent variable, interpret scatter plot, interpret regression, Analysis of variance (ANOVA): one-way ANOVA, Computer Based Statistical analysis – SPSS I, SPSS II, Other statistical software, Selecting appropriate statistical tests for given data, Non-parametric tests: Wilcoxon signed-rank test, Wilcoxon rank-sum test, Spearmen's rank correlation.

FMU5208 - Literature review

Student will select and review a topic of research of their choice. Will involve searching for literature, sorting and prioritizing the literature, analytical reading and evaluation of papers, comparison across studies and finally writing a well organized, structured review including a critical analysis and synthesis of the findings to highlight gaps or directions that will help formulate new research questions/hypothesis. This course requires the student to work independently with minimal supervision.

FMU5209 - Advanced seminars

Seminar session conducted by experts in pharmacy practice (clinical pharmacy/hospital pharmacy/community pharmacy), Seminar session conducted by experts in industrial pharmacy, Seminar session conducted by experts in regulatory pharmacy, Seminar session conducted by experts in pharmacy research and development, Seminar session conducted by experts in pharmacy academia.

FME5410- Internship II

A work based training will be provided in National Medicinal Regulatory Authority (NMRA), National Medicinal Quality Assurance Laboratory (NMQAL), National Cancer Hospital, Medical Supplies Division (MSD) and National Blood Bank

LEVEL 6

FMU6300 - Pharmaceutical Biotechnology & Genetic Engineering

Introduction to Pharmaceutical biotechnology and genetic engineering: Introduction to Pharmaceutical Biotechnology, Genetic Engineering and its Tools, Techniques in Genetic Engineering, Hosts Cells and Vectors, Cloning Strategies and Selection of Transformants, Polymerase Chain Reaction (PCR), Application of Genetic Engineering, Animal Cell Culture: Growth of Cells in Culture Media, Maintenance of Cell Culture, Culture Media and Application of Animal Cell Culture, Plant Biotechnological Applications (Genetic Manipulation): Tissue Culture, Gene Transfer to Plants, Gene Transfer to Animal Cells, Transgenic Animals and Their Applications, Genomic Approach to Drug Designing: Human Genome Sequence and Introduction to Bioinformatics, Introduction to Bioinformatics and Genomic Approach to Drug Discovery, Enzyme Biotechnology: - Enzymes and General Methods of Isolation and Purification, Immobilized Enzymes and their Applications, Source Method of Preparation Chemical Nature and uses of Papain and Bromelain, Manufacture and Application of Streptokinase, Urokinase, Hyaluronidase and Asparginase, Biochemical Engineering: Introduction to Fermentation Technology, Application in

Pharmaceuticals, Biologics: Blood Products, Immunoglobulins, Vaccines, Monoclonal Antibody, Hybridoma Technology, Glandular Products, Biopolymers, Derivative of biopolymers, and their Applications in Medicine.

FMU6301 - Biopharmaceutics

Introduction to Biopharmaceutics and Pharmacokinetics, Mathematical Fundamentals in Pharmacokinetics: Units in Pharmacokinetics, Rates and Orders of Reactions, One-Compartment Open Model: Intravenous Bolus Administration, Intravenous Infusion, Pharmacokinetics of Oral Absorption (Extra-vascular route).Two-Compartment Open Model: Intravenous Bolus Administration, Intravenous Infusion, Pharmacokinetics of Oral Absorption (Extra-vascular route), Clinical Application of two compartment model, Drug Elimination and Clearance, Physiologic Drug Distribution and Protein Binding, Multiple-Dosage Regimens, Nonlinear Pharmacokinetics, Biopharmaceutical Considerations in Drug Product Design and *in vitro* Drug Product Performance, Bioavailability and Bioequivalence.

FMU6302 - Therapeutics

General principles: Introduction to therapeutics and principles of therapeutics, Drug management in gastrointestinal disorders including Peptic ulcer disease, Inflammatory bowel disease, Constipation and diarrhoea, Drug management in hepatic disorders including Acute liver disease and Chronic liver disease, Adverse effects of drugs on the liver, Drug management in renal disorders including Acute kidney disease/ injury, Chronic kidney disease and end stage renal disease, Drug management in cardiovascular disorders including hypertension, Coronary heart disease, Congestive heart failure, Arrhythmia and Dyslipidaemia, Drug management in respiratory disorders including Asthma, Chronic obstructive pulmonary disease, Drugs management in endocrine disorders, thyroid and parathyroid disorders and diabetes mellitus, Drug management in infections including respiratory infections and urinary tract infections.

FMU6303 - Clinical Pharmacy I

General Introduction to Clinical Pharmacy: History and development of clinical pharmacy, Clinical pharmacy and pharmaceutical care, Role of clinical pharmacy in patient care, Medical terminology and abbreviations useful in clinical pharmacy, Evaluation of patient profile and drug profile: Ward round participation, Medication history taking, Reconciliation, Medication review, Clinical review, Therapeutic drug monitoring (TDM), Adherence, Patient counselling and communication skills, Clinical laboratory data: Introduction to clinical laboratory tests used in the evaluation of common diseases, Liver function tests, Renal function tests, Tests for cardiac functions, Tests for thyroid functions, Hematologic tests, Neurological tests.

FMU6304 - Clinical Pharmacy II

Practical pharmacokinetics: Introduction to practical pharmacokinetics, Practical pharmacokinetics of important and commonly used drugs (clinical applications), Drug Information: Drug Interactions, Adverse drug reactions, Drug utilization evaluation (DUE), Utilization of clinical drug literature: Utilization of clinical drug literature or evidence based medicine (EBM), Considerations of drug therapy in special situations: General guidelines for drug used in neonates and paediatrics, General guidelines for drug used in geriatrics, General guidelines for drug used in pregnancy and lactation,

Parenteral nutrition (PN), Safe intravenous therapy, Pharmacists in specialized services: Toxicology pharmacist services, Emergency medicine pharmacist services, Immunization schedule: Pharmacy based immunization, Immunization programme and schedules in Sri Lanka.

FMU6505 - Medicinal Chemistry

Introduction to Medicinal Chemistry: Chemical constitution and biological activity of organic medicinal compounds, Chemistry of Receptor Theory, Structure Activity Relationships (SAR) and Drug-receptor interactions, Chemistry of Autonomous Nervous System (ANS) agents: Chemistry of Sympathomimetic Drugs, Adrenergic Receptor Blocking Agents, Cholinomimetic (Para sympathomimetic or Cholinergic Drugs), Antimuscarinic (Anticholinergic) Agents, Ganglionic Blocking Agents and neuromuscular Blocking Agents, Chemistry of Central Nervous System (CNS) agents: Chemistry of muscle relaxants, General anaesthetic agents, Anxiolytics, Sedatives and Hypnotics, Antipsychotics (Tranquilizers or Neuroleptics), Anticonvulsant Drugs or Antiepileptic Drugs, CNS Stimulants and Psychedelics, Antiparkinsonian agents, Chemistry of Analgesics and Anti Inflammatory agents: Chemistry of Analgesic and Anti-inflammatory Agents, Chemistry of Antipyretic Analgesics, Chemistry of Histamines and Antihistamines: Chemistry of Histamines and Histamine H1 - Receptor Antagonists, Chemistry of drugs acting on Cardio Vascular System (CVS): Introduction on Cardio Vascular Agents, Its Classification, Cardiac Glycosides and Vasopressor Drugs, Anti-hypertensive and hypotensive drugs, Anti-arrhythmic Drugs, Chemistry of Chemotherapeutics: Chemistry of Antibacterial agents/ Antibiotics, Chemistry of antivirals, Chemistry of antimalarials, Chemistry of anti-mycobacterial agents, Chemistry of anthelmintics, Chemistry of antineoplastic agents, Chemistry of Antidiabetic agents, anti-thyroid agents and related drugs: Chemistry of Insulin, Oral hypoglycaemic agents, Anti-thyroid agents and related drugs, Chemistry of Local Anaesthetics, Chemistry of Steroids and therapeutically related compounds: Chemistry of Steroids, Sex hormones, Mineralocorticoid steroids, Prostaglandins and other Eicosanoids, Chemistry of Inorganic pharmaceuticals: Chemistry of inorganic medicinal compounds.

FMU6806 - Research Project

Student will design and conduct a research study under the guidance of a supervisor. It would be conducted as a group project (2-3 members), but will require a high degree of independent work. Student will review literature relevant to the topic and formulate research questions/hypothesis. Data collection activities will be for about 2-3 months. Findings of the research project must be analysed and communicated in the written form in a scientific report using correct formats and styles and presented orally.

FMU6207 - Drug Development

The process of drug discovery and drug development: Introduction to the process of drug discovery, Introduction to the process of drug development, Principles of drug design: Sources of leads, Lead selection and virtual screening, General design principles, Preclinical and clinical development: Preclinical development, Clinical development, Regulatory aspect related to drug development: Regulatory Affairs, commercial affairs and intellectual property, Nanotechnology for drug development: Introduction to interdisciplinary field of nanomedicine, Nanotechnology in Drug

delivery, Modern Aspects of Drug Discovery: drug targets in different system, Case studies in drug discovery (Online component),Computational drug design.

Structure-based drug design (SBDD), Molecular databases and properties, Computational lead optimization, Combinatorial design.

FMU6208 - Special Topics in Pharmacy

Literature review on hospital/community or clinical pharmacy and industrial pharmacy.

FME6409 - Internship III

A Work Based Training at Medical Research Institute (MRI), State Pharmaceutical Manufacturing Corporation (SPMC) and at a selected teaching/ base hospital**.**

Bachelor of Science Honours in Psychology

The Bachelor of Science Honours in Psychology degree programme is designed to provide knowledge and basic skills of Psychology for individuals who have an interest in understanding the discipline and its subfields.

Aims

- To enable students to use theories, models and frameworks of Psychology to explain the human mind, behaviour and experience
- Provide an understanding to use a range of research skills and methods, culminating in an ability to conduct research studies by adhering to ethical standards of the discipline
- Facilitate learning to critically examine practical, theoretical and ethical issues associated with the use of different paradigms and methods of analysis in Psychology
- Empowering learners to engage in independent and collaborative studies, communicate effectively in oral and written formats suitable and sensitive to the needs and expectations of an audience
- Facilitate the development of critical and reflexive understanding of theoretical models and their constituent ethical practices in respective working environments
- Influence attitudinal change to engage in personal development planning, and develop project and self-management skills to become a more independent and pragmatic lifelong learner

Specific Objectives

Upon successful completion of the BSc Hons in Psychology degree, a graduate is expected to:

- Explain and evaluate major concepts, theoretical frameworks, scientific underpinnings and historical trends within the core domains of Psychology
- Demonstrate competence to use a range of research skills culminating in the ability to conduct research studies independently and collaboratively adhering to the ethical standards of the discipline
- Review empirical evidence and critically evaluate practical, theoretical and ethical issues associated with human behaviours using different approaches and paradigms in Psychology
- Prepare standard research outputs adhering to the discipline specific

conventions and demonstrate competency in using a range of skills in communication, information technology, and numeracy to disseminate knowledge to various target groups

- Apply the principles of Psychology to working environments and society within ethical boundaries while maintaining personal and professional integrity of the discipline
- Plan towards achieving personal development goals and engage in lifelong learning using self-reflective practices and pragmatism

Admission requirements

Applicants should possess the following qualifications to register for the Bachelor of Science Honours in Psychology Degree Programme.

1. Obtained a minimum of:

a) Three (03) Pass grades in one sitting at the G.C.E. A/Level Examination, in any stream of study, or,

b) C grades or equivalent in 60 credits among the Foundation Courses of the OUSL in Science/Social Sciences, or,

c) an equivalent or higher qualification acceptable to the Senate

AND,

d) S Pass for English at the G.C.E. O/Level examination

AND,

2. Pass the selection test and viva voce (Oral Examination) conducted for the purpose of admission

Medium of instruction

Medium of instruction is English. Examinations are also conducted only in the English medium and the students are required to answer only in English.

Duration of Programme

The programme is composed of 120 credits of courses at Levels 3 to 6. The minimum duration required to complete all four levels of the programme is four academic years.

Exemptions

Students may request for specific exemptions from courses based on relevant qualifications they already possess. Upon assessment on a case by case basis and approval from the Senate, the student will be informed if the exemption/s

could be granted. The total exemptions which may be so granted shall not exceed 60 credits.

Course Fees

Course fees applicable for the students registering for the BScHons in Psychology programme in 2019/2020 are as follows (Table 22).

Table 22: Fees for the BSc Hons in Psychology Degree Programme

Fee	Fee (Rs.)
Registration Fee	400.00
Facility Fee	1500.00
Library Facility Fee	100.00
Laboratory Facility Fee	-
Refundable Lab Fee	-
Tuition fees - per Credit	
Levels 03 & 04	2600.00
Levels 05 & 06	2900.00

See Table 4 for StART@OUSL course fees.

Programme Structure

The BSc Hons in Psychology Degree programme offers regular courses at Levels 3 to 6. All courses are compulsory, unless otherwise mentioned. Students are required to offer 30 credits at each Level. However, a student can register between 8 - 30 credits of courses per year depending on the time available for studies.

Students are also required to register for Continuing Education Courses, some of which are offered under the StART@OUSL programme.

The Regular Courses and Continuing Education Courses offered for the BSc Hons in Psychology Degree programme are given in Table 23.

Table 23: BScHons in Psychology Degree Programme Courses

Regular Courses

Course Code	Course Title	Credit Rating	Pre-requisites
Level 3 – Compulsory courses			
PLU3301	Introduction to Psychology	3	-
PLU3302	Personality & Individual Differences	3	-
PLU3303	Motivation and Emotion	3	-
PLU3204	Ethics in Psychology	2	-
PLU3205	Academic Writing in Psychology	2	-
PLU3206	Communication & Study Skills for Psychology	2	-
PLU3307	Lifespan Development	3	-
PLU3308	Social Psychology	3	-
PLU3309	Introduction to Counselling Psychology	3	-
PLU3310	Biological Psychology	3	-
PLU3311	Cognitive Psychology	3	-
Pre-requisites to register for courses at Level 4: Minimum CR for 30 course credits of regular courses at Level 3 and for LEE3410 and FDE3020			
Level 4 – Compulsory courses			
PLU4301	Child Psychology	3	-
PLU4302	Abnormal Psychology	3	-
PLU4303	Introduction to Statistics in Psychology	3	-
PLU4304	Brain and Behaviour	3	PLU3310 (EL)
PLU4305	Language and Cognition	3	PLU3311 (EL)
PLU4306	Schools of Thought in Psychology	3	-
PLU4307	Health Psychology	3	PLU3310(EL)
PLU4308	Industrial-Organizational Psychology	3	-
PLU4309	Research Methods in Psychology	3	PLU4303 (CR)
PLU4310	Educational Psychology	3	-
Pre-requisites to register for courses at Level 5: Minimum CR for 30 course credits each of regular courses at Levels 3 and 4, and for LEE3410 and FDE3020			
Level 5 – Compulsory courses			
PLU5301	Psychology of Adolescence	3	
PLU5302	Mental Health and Psychosocial Well being	3	
PLU5303	Learning Theory and Behaviour Modification	3	
PLU5304	Research Project Management	3	
PLU5305	Advanced Research Methods & Statistics in Psychology	3	PLU4303 (EL) & PLU4309(EL)

Course Code	Course Title	Credit Rating	Pre-requisites
PLU5306	Clinical Psychology	3	PLU4302 (EL)
PLU5307	Psychology of Aging and Death	3	
PLU5308	Cross-Cultural Psychology	3	
Level 5 - Optional courses – offer 6 credits			
PLU5309	Consumer & Media Psychology	3	
PLU5310	Neuropsychology	3	PLU4304 (C Grade)
PLU5311	Psychology & Law	3	-
PLU5312	Occupational Health Psychology	3	PLU4307 (EL)
Pre-requisites to register for courses at Level 6: Minimum CR for 30 course credits each of regular courses at Levels 3, 4 and 5, and for LEE3410 and FDE3020			
Level 6 – Compulsory courses			
PLU6901	Research Dissertation	9	PLU5305 (C Grade) and PLU5304(EL)
PLU6302	Internship (Work Placement)	3	PLU5304 (EL)
PLU6303	Applied Psychology	3	-
PLU6304	Advanced Counselling Practice	3	PLU3309 (C Grade)
PLU6305	Chronic Illnesses and Palliative Care	3	PLU4307 (C Grade)
PLU6306	Current Trends in Psychology (Advanced Seminar)	3	-
Level 6 – Optional courses – offer 6 credits			
PLU6307	Behavioural Genetics	3	PLU4304 (C Grade)
PLU6308	Psychology of Human Sexuality	3	
PLU6309	Psychometrics	3	PLU5305 (C Grade)
PLU6310	Psychology of Addiction	3	PLU4302 (C Grade)

CR: Concurrent Registration: EL: Eligibility (Minimum OCAM of 40%)

Continuing Education Courses

Course Code	Course Title	Credit Rating	Pre-requisites
Level 3 – Compulsory courses			
LEE3410	English for General Academic Purposes (EGAP)	4	-
FDE3020	Empowering for independent Learning (EfIL)	0	-
Level 3 – Optional course			
CSE3213	ICT skills	2	-

Evaluation

A student's progress is assessed continuously throughout the course by means of assignments, CATs (Continuous Assessment Tests) presentations and reports, and at the end of the course by means of a Final Examination or Portfolio. The Faculty operates a semester system for its courses; consequently, the final examinations are held at the end of each semester. To be eligible to sit for the examination of a course, a student should score a minimum of 40% for its Overall Continuous Assessment Mark (OCAM). The OCAM of a course is valid to sit final examinations only for two academic years, including the year in which the OCAM is obtained.

(i) Overall Assessment Mark

For each course the overall assessment mark, "Z%" will be computed by a combination of the Overall Continuous Assessment Mark (OCAM), "X%" and the Final Examination Mark (FEM), "Y%" as follows:

For courses offered by the Faculty of Health Sciences:

If, $Y \geq 50$ and $X \geq 40$, then $Z = 0.4\,X + 0.6\,Y$

$40 \leq Y < 50$ and $X \geq 40$, then $Z = 0.4X + 0.6Y$, subject to a maximum of 50

$Y < 40\%$, then $Z = Y$

(ii) Overall Grade and Grade Point Value

Each student who sits the Final Examination of a course shall be awarded an overall Grade and a Grade Point Value (GPV), in respect of such course based on the Overall Assessment Mark (Z%). Table 24 gives the GPV awarded for courses offered by the Department of Psychology & Counselling.

Table 24: Overall Grade and Grade Point Value

Marks Range	Grade	GPV
80-100	A^+	4.00
75-79	A	4.00
70-74	A^-	3.70
65-69	B+	3.30
60-64	B	3.00
57-59	B^-	2.70
54-56	C^+	2.30
50-53	C	2.00
45-49	C^-	1.70
40-44	D^+	1.30
30-39	D	1.00
0-29	E	0.00

F: Not Eligible; Grades C and above are Pass Grades

Bachelor of Science Honours in Psychology Degree Programme Award Criteria

Award of the degree will be in accordance with the provisions of the Open University By Law No. 21 and Regulation No.21.FH.4 (Table 25).

Table 25: BSc Hons in Psychology Degree Programme Award Criteria

Minimum credit requirements	Exemption and/or eligibility in: • 30 credits of regular courses at each of the Levels 3, 4, 5 and 6, and, • LSE3210 and FDE3020
Pass	• Minimum of C grades in 120 course credits comprising 30 course credits of regular courses at each of the Levels 3, 4, 5 and 6, and, • Minimum of C grades for LEE3410 and FDE3020, and, • Minimum GPA of 2.00 in courses adding up to 120 credits of regular courses at Levels 3, 4, 5 and 6.
To be awarded a First or Second Class, a student needs to fulfil the Pass criteria specified above with criteria specified below:	
Second Class (Lower Division)	• Minimum GPA of 3.00 in courses adding up to 120 credits of regular courses at Levels 3, 4, 5 and 6
Second Class (Upper Division)	• Minimum GPA of 3.30 in courses adding up to 120 credits of regular courses at Levels 3, 4, 5 and 6.
First Class	• Minimum GPA of 3.70 in courses at the first attempt adding up to 120 credits of regular courses at Levels 3, 4, 5 and 6.

The course credit requirements specified above should be acquired within a maximum period of 12 consecutive academic years from the date of first registration.

Higher Diploma in Psychology

Those who complete 60 course credits of regular courses at Levels 3 and 4 may acquire a Higher Diploma in Psychology as per By Law 19 and Regulation 19.FH.1, as an interim qualification, provided the course credit requirements are acquired within a maximum period of 06 consecutive academic years from the date of first registration.

Course Details

LEVEL 3

PLU3301 Introduction to Psychology

Philosophical origins of Psychology, Approaches to Psychology, Psychology as a science, Fields of Psychology, Educational Psychology, Industrial/Occupational Psychology, Counselling Psychology, Health Psychology, Clinical Psychology, Developmental Psychology, Forensic Psychology, Sports and Exercise Psychology, Biological foundations of Psychology, Lifespan Development, Motivation & Emotion, Personality, Sensation and Perception, Memory and Forgetting, Learning & Language, Attitudes, Persuasion, Aggression, Prejudice & Discrimination, Health, Mind and Behaviour

PLU3302 Personality and Individual Differences

Personality as a Concept: Early Theories and Definitions, Personality: Approaches and Methods, Biological Basis of Personality, Abnormality and Individual Differences: Nature versus Nurture, Psychodynamic Theories of Personality, Humanistic Theories of Personality, Cognitive and Social Learning Theories of Personality, Biological and Genetic Theories of Personality, The Trait and Type Approach to Personality, Feminism and Personality Theories, Types of Personality Assessment: Interviews, Objective and Projective Tests, Standardised Personality assessments: Behavioural Assessment, Standardised Personality Assessments: Individual and Group Performance, Standardised Personality Assessments: Mood and Emotion, Personality Assessment and Ethical Issues, Culture, Society and Personality, Gender and Personality, Religion and Personality, Personality, Health and Wellbeing, Contemporary Views on Personality and Individual Differences

PLU3303 Motivation and Emotion

Motivation: An Introduction, Motivation: Conceptual Clarity, Emotion: An Introduction, Conceptual Clarity – Emotion, Biological Theories, Cognitive Theories, Learning Theories of Human Motivation: Conditioning Theories, Learning Theories of Human Motivation: Social Learning Theory, Critical Assessment of Biological, Cognitive and Learning Theories, Humanistic Theories of Motivation: Existential Theory, Humanistic Theories of Motivation: Rogerian Theory, Maslow`s Hierarchy of Needs, Critical Assessment of Humanistic Theories, Motivation in the Applied World, Motivation and Culture, Historical Developments of Theories of Emotion , Theories of Emotion: Cognitive Perspective, Theories of Emotion: Non-Cognitive Theories, Affect: Conceptual Frameworks, Affect and Materiality, Case Study – Shame, Emotion and Culture.

PLU3204 Ethics in Psychology

Concepts and Definitions, Moral Principles, Values and Dilemmas, Historical Development of Ethical Principles, Current Status of Governance in Ethics of Psychology, Beneficence and Non-Malfeasance, Respect for Autonomy, Respect for Rights and Dignity, Privacy and Confidentiality, Ethical Concepts in Psychological Research I, Ethical Concepts in Psychological Research II, Research and Ethics, Role of Culture in Ethics, Ethical Dilemmas in Practice, Practitioner Competence and

Continuous Professional Development, Recent Trends, Debates and Issues in Ethics in Psychology.

PLU3205 Academic Writing in Psychology

Methods of Developing Critical Thinking Skills, Identifying Arguments, Finding and Evaluating Sources of Evidence, Reading and Note Taking, Characteristics of Critical and Analytical Writing, Writing Titles and Paragraphs, Process of Academic Writing, Essay Writing, Writing Research Reports in Psychology, Plagiarism, Referencing.

PLU3206 Communication and Study Skills in Psychology

Learning and Communication as an Individual, Communication as an Independent Learner, Learning and Communication with Individuals and Groups, Effective and Persuasive Presentations, Time Management Skills, Finding Information, Processing Information, Basic Skills in Essay and Report Writing, Revision and Exam Techniques, Managing Stress as an Independent Learner.

PLU3307 Lifespan Development

Basic Concepts and Key Issues, Theories of Human Development, Research Methods and Designs in Lifespan Development, Pre-Natal Development and Birth, Physical Development in Infancy, Cognitive Development in Infancy, Emotional and Social development in Infancy, Physical Development in Early Childhood, Cognitive and Language Development in Early Childhood, Emotional and Social development in Early Childhood, Physical, Cognitive and Language Development, Emotional and Social Development, Physical & Cognitive Development in Adolescence, Social and Emotional Development, Early Adulthood - Physical and Cognitive Development, Early Adulthood- Socio-Emotional Development, Middle Adulthood - Physical and Cognitive Development, Middle Adulthood - Emotional and Social Development, Late Adulthood - Physical and Cognitive Development, Socio-Emotional Development in Late Adulthood, End of Life : Death, Dying and Bereavement.

PLU3308 Social Psychology

Introduction to Social Psychology, History of Social Psychology, Research Methods in Social Psychology, Self, Social Cognition, Emotion, Attitudes, Persuasion, Person Perception, Friendships, Intimacy and Romantic Relationships, Social Influence, Group Behaviour, Stereotyping, Prejudice and Discrimination, Power and Conflict, Aggression, Prosocial Behaviour, Morality, Applied Social Psychology.

PLU3309 Introduction to Counselling Psychology

Historical Origins of Counselling Psychology, The Field of Counselling Psychology, Counselling and Psychotherapy, Key Intervention Areas of Counselling Psychology, Counselling Psychology as a Profession, Sri Lankan Context of Counselling, Rogerian Philosophy: Principles of Client-Centred Counselling, Core Conditions of Counselling, The Counselling Setting, Self-awareness and Personal Change in Developing Core Conditions, Role of Global Communication in Basic Counselling Skills, Role of Non-verbal Communication in Basic Counselling Skills, Use of Communication Skills to Facilitate Core Conditions of a Counselling Session, Cross-Cultural Counselling, Asian Perspective in Counselling, Ethics in Counselling I, Ethics in Counselling II, Transference and Countertransference, Future Directions of Counselling.

PLU3310 Biological Psychology

Biological Approach to Human Behaviours, Building Blocks of Human Body, Nervous System: Overview, Neuron and Nerve Impulses, Synapses and neurochemical Activity, Brain Structure and Function, Spinal Cord: Human Speech, Biology of Human Vision and Hearing, Biology of Human Taste and Smell Sensation, Sleep and Consciousness, Cardiovascular system: Structure and Function, Respiratory System: Structure and Function, Thirst, Hunger, Satiety and Digestive System, Reproductive System: Structure and Function, Musculoskeletal System: Structure and Function, Skin: Structure and Function, Exocrine System: Structure and Function, Endocrine System: Structure and Function, Immune System: Structure and Function, Introduction to DNA, Chromosome and Human Genome, Genetics and Behaviour.

PLU3311 Cognitive Psychology

Human Cognition, Bio-psychological Basis of Cognition, Memory, Short-Term Memory, Long-Term Memory, Forgetting and Retrieval, Eye-Witness Memory, Attention & Performance, Perception and Theories, Perceptual Process and Cues, Object Recognition, Face Recognition, Problem Solving & Creativity, Decision Making and Judgement, Reasoning, Heuristics and Biases, Human Language & Cognition, Theorise of Intelligence and IQ Debate, Cross Cultural Cognition, Cognition & Memory, Cognitive Psychology in Everyday Life.

LEVEL 4

PLU4301 Child Psychology

Growth, Development and History of the concept of Childhood, Research Methods in Child Psychology, Piaget's Theory of Cognitive Development, Lev Vygotsky's Socio Cultural Theory of Cognitive Development, Information Processing, Behaviourist and Social Cognitive Development Approaches to Child Development, Psychoanalytic and Neo Freudian Perspectives, Pre-natal development, Child birth and neonate, Physical Development and Motor Development during Infancy and Childhood, Cognitive Development during Infancy and Childhood PG, Language Development, Attachment Theory, Emotion and Temperament, Moral Development, Parents and Family, Socialization Issues, Nutrition and Development, Education & School related issues, Child Abuse and Neglect

PLU4302 Abnormal Psychology

Defining and Explaining Abnormality, Classifying Psychology, Anxiety Disorders (Phobia), Social and Health Anxiety, OCD, ETC), Mood Disorders (Depression/Bipolar), Eating Disorders, Substance Abuse Disorders, Personality Disorders, Sexual Disorders, Stress and Stress Related Disorders, Cognitive Disorders, Psychosis, Psychopathological Disorders of Childhood, Psychopathological Disorders of Adolescence, Cultural Perspectives in Abnormal Psychology, Clinical Assessment, Diagnosis And Treatment Approaches, Contemporary Legal Issues with Mental Disorders Sri Lankan Context

PLU4303 Introduction to Statistics in Psychology

Population: Sample; Variability, Types of Data: Nominal, Ordinal, Interval & Ratios, Descriptive Statistics: Central Tendency & Variability (Frequencies, Probability, Mode, Median, Mean); Exploring Data: Graphs & Tables, Define The Research Hypothesis;

Operationalizing; Identifying Variables; Null And Alternative Hypothesis; Significance Level And Assumptions One & Two Tailed Predictions; Selection Of Test Based On Distribution Type; Applying The Statistical Test & Interpret The Output, Defining Variables, File Handing, Data Entry, Data Saving And Syntax Files, Running A T-Test And Chi-Square Test (Categorical Data & Ordinal Data); Interpreting The Output & Writing Results: Introduction To Using R Software.

PLU4304 Brain and Behaviour

Introduction to Brain and Behaviour, Nervous System and Behaviour, Research Methodology – Brain and Behaviour: Chemicals in The Brain and Its Influence on Behaviour (Neurotransmitters), Chemicals in Human Body and Its Influence on Behaviour (Hormones), Medicine and the Brain, Emotions, Feelings And Behaviour, Stress as a Behaviour, The Role Sensory System in Behaviour, Movement, Eating And Drinking.

PLU4305 Language & Cognition

Properties of a Language, Humans Versus Animals: Biological Roots to Communication, Animal Cognition & Communication, Theories of Language Development: Skinner, Chomsky, Linguistic Theory, Research Methodology in Language & Cognition, Typical Development of Language, Literacy Development: Read, Write and Spell, Speech Production and Brain, Learning Languages: Bilingualism and Learning a Second Language, Understanding Speech Errors and Human Cognition: Freudian Slips, Slips of the Tongue, Spoonerisms, Aphasia & PALPA Model, Language Disorders: Child Disorders - Dyslexia, Dyspraxia, Language Disorders: Adult Acquired Disorders, Speech & Language Therapy : Brain Injury, Stroke Patients and SL Context in Rehabilitative Process, Language, Cognition & Culture: Linguistic Relativism, Saphir-Whorf Hypothesis, Language, Cognition and Thought : Connection between Language and Thought Pattern, Language Affects the Way You Think, Human Languages Reflect a Universal Concept, Language and Communication: Functions of Language-Social Talk, Gossip, Rumours, Postman's Experiments, Graffiti; Advertising, Language and Human Body: Conversations and Gestures, Language and Discourse, Current and Future Trends in Language and Cognition: Psycholinguistics, Cognitive Neuroscience.

PLU4306 Schools of Thought in Psychology

Philosophical Influence: Greek and Eastern, Middle Ages and Renaissance Period, Empiricism, Rise of Experimental Thought, Darwinism, Structuralism, Functionalism, Behaviourism, Neo-Behaviourism, Gestaltism, Psychoanalysis Neo-Freudian Thought, Humanism, Cognitive Revolution, Feminist Psychology, Liberation Psychology & Marxist Psychology, Historical Debates: Nature-nurture/determinism-free will/static-dynamic, Psychological Assessments, Ethics & IQ.

PLU4307 Health Psychology

Introduction and Historical Progression, Approaches to Health Psychology, Physiological Systems of the Body- Nervous System & CV, Physiological Systems of the Body-Endocrine, Immune and Respiratory, Quantitative Research Methods in Health Psychology, Qualitative Research Methods in Health Psychology, Theories of Health Psychology, Health Psychology Models, Substance Abuse-Alcohol Addiction, Substance Abuse-Tobacco Smoking, Adherence to Medication, Stress and Coping,

Chronic Illnesses- CVD & Diabetes, Chronic Illnesses-Cancer & HIV, Patient-Practitioner Communication, Psychology of Pain, Health Communication and Social Marketing, Health, Inequalities and Society, Culture and Health, Health Psychology in the Sri Lankan Context.

PLU4308 Industrial-Organizational Psychology

Introduction to I-O Psychology and its Concepts, Fields and Sub-Fields of I-O psychology, Individual Differences at Organizations, Assessing Individual Differences, Job Analysis as a Function of I-O Psychology, How to Conduct Job Analysis Process, Recruitment, Selection, Training and Development, Performance Management, Reward Management, Introduction to Human Factors Engineering, Ergonomics and Workplace Designing, Motivation to Work, Organizational Attitudes and Behaviour, Stress and Workplace, Industrial Relations, Leadership, Talent Management, Teams and Teamwork, Organizational Change, The Future Trends of I-O Psychology: Global Vs Sri Lankan Perspective.

PLU 4309- Research Methods in Psychology

Philosophy of Knowledge, Goals Of Psychological Research, Research Strategies, Introduction To Quantitative Research- Sampling & Data Collection, Quantitative Research- Designing a Survey, Basic Analysis in Qualitative Research- I, Basic Analysis In Qualitative Research - II (IPA), Literature Review- Establishing The Background, Context, And Significance of Research Projects, Identifying Research Problems, Developing a Research Question, Formulating Hypothesis - Quantitative & Qualitative, Hypothesis Testing & Significance, Mixed Methods Research, Validity, Reliability, Ethical Issues in Psychological Research.

PLU4310 Educational Psychology

Origins of Educational Psychology, Development of Educational Psychology, Currents Trends and Future Directions of Educational Psychology, Cognitive Development, Learning and Education, Personal Development, Gender Development, Learning and Education, Social Development, Learning and Education, Learning and Motivation, Learning and Thinking Styles, Effective Strategies and Skills, Creating a Positive Learning Environment, Preparing a Lesson Plan, Assessments of Learning, Classroom Management, Learner Differences and Learning Needs, Social Cultural Factors in The Learning Process, Learners With Exceptional Abilities, Educating Learners With Special Needs: Introduction, Educating Learners with Special Needs: General Principles, Sensory Impairments, Educating Learners with Special Needs: Learning Disabilities, Emotional and Behavioral Impairments, Educating Learners with Special Needs: Other Impairments.

LEVEL 5

PLU5301 Psychology of Adolescence

Adolescence as a Development Stage: Historical Perspective, Theoretical Perspectives on Adolescence, Theoretical Perspectives on Adolescence Physical and Brain Development During Adolescence, Biological, Cognitive, Psychological and Moral Development in Adolescence, Theoretical Perspectives on Adolescence, Cognitive Development During Adolescence, Identify and Social Development During Adolescence, Friends, Peers and Romantic Relationships, Adolescent Sexuality and Reproductive Health Needs, Moral Development, Religion and Spirituality During

Adolescence, Family Systems, Family Processes and Adolescent Development, Peer Rejection, Bullying and Peer Victimization During Adolescence, Suicide and Depression During Adolescence, Conduct and Behaviour Problems among Adolescents, Prevention and Health Promotion for Adolescents, The Impact of Mass Media and Social Media on Adolescent in Sri Lanka.

PLU5302 Mental Health & Psychosocial Well being

History and Development of the Mental Health and Psychosocial Support (MHPSS) Sector, Theoretical Premise and Conceptual Understanding of Mental Health and Wellbeing, Role of MHPSS in Health, Development and Humanitarian Service Sectors, Frameworks of Diverse Realities of Childhood, Psychosocial Needs of Adolescence and Youth, Responding to Gender Drivers Realities Of Childhood, Psychosocial Needs Of Adolescence and Youth, Responding to Gender Based Violence (GBV), Equality and Disability, Communities at Risk- Disaster Responsiveness, Disaster and Emergency Response, Mental Illnesses & Health Service Provision: Global Versus SL Considerations, Developing Questionnaires for Interviews/Scales, Sampling, Scheduling and Conducting Assessments.

PLU5303 Learning Theory and Behaviour Modification

History of Behaviour Modification, Concepts of Behaviourism in Application, Current Applications and Related Disciplines, Observations and Recording Behaviours, Measurement Tools of Behaviour Change, Ethics and Research Issues in Behaviour Modification, Shaping & Fading, Prompting and Transfer of Stimulus Control, Chaining, Behaviour Skills Training, Processes for Behaviour Modification, Identifying & Assessment of Problematic Behaviour, Application of Extinction, Differential Reinforcement, Antecedent Control Procedures, Application of Punishment, Generalization Programming, Other Approaches: Self-Management, Habit Reversal, Token Economy & Behavioural Contracts, Depression & Cognitive Behaviour Modification, Social Anxiety and Behaviour Modification, Recent Trends and Research Applications.

PLU5304 Research Project Management

Concepts In Effective Project Management: Cognition (Attitudes, Beliefs And Values); Emotion (Maintaining Positive Mood & Affect), Motivation & Ability (Prioritizing Tasks, Chunking; Goal Setting, Time & Task Management Strategies), Methods Of Developing Research Ideas Into Hypotheses: Brainstorming; Mind Mapping; Concept Mapping; Preliminary Research; Developing A Testable Hypothesis; Develop A Research Proposal, Process Of Research And Practical Issues: Planning A Research Project; Identifying Important Tasks And Setting SMART Goals; Data Collection Issues; Selecting Appropriate Statistical Methods & Procedures; Ethical Considerations When Conducting Research With Human Participants; Volunteers & Consent Forms; Data Analysis & Interpretation; Presentation Skills - Oral & Written; Writing Research Reports.

PLU5305 Advanced Research Methods & Statistics in Psychology

Basic Versus Applied Research; Advanced Methods in Experimental Versus Correlation Research; Quantitative Versus Qualitative Research, Analysis of Variance and Assumptions (One Way ANOVA; Two-Way ANOVA, Analysis Of Covariance-ANCOVA); Correlation Matrix; Regression: Bivariate and Multiple Regression(R);

Regression Models and Variance; Post-Hoc Tests, Introduction to Using ATLAS and NVivo For Qualitative Data Analysis (Data Collection, Data Entry, Data Management and Analysis Using Different Techniques For Software), Factor Analysis, Reliability (Item Total Analysis & Alpha Levels); Designing a Pilot Questionnaire: Identifying the Assessment Requirement, Literature Search; Item Pooling, Selection of Questionnaire Items Using Statistical Analysis, Data Collection for Validation and Finalizing the Items For a Pilot Questionnaire; Ethical Issues.

PLU5306 Clinical Psychology

Examining the Field of Clinical Psychology, Clinical Psychology: its Evolution and Related Specialties, Clinical Assessment: Interviewing and Observation, Clinical Assessment: Intelligence, Clinical Assessment: Neuropsychological Testing Clinical Assessment: Personality Assessment, Clinical Assessment: Behavioral Assessment, Introduction to Psychotherapy & Therapist-Client Relationship, Psychodynamic Psychotherapy: Early Theories and Approaches, Psychodynamic Psychotherapy: Contemporary Neo-Freudian Approaches, Humanistic Approach to Psychotherapy.

PLU5307 Psychology of Aging and Death

Theoretical Perspectives: Behavioural; Psychoanalytical; Behavioral Genetics and Information Processing Perspectives on Ageing; Research Methods: Longitudinal, Cross Sectional, Sequential and Random Sampling for Late Adulthood, Biological Theories of Ageing; Physical (Vision, Hearing, Taste, Smell) Cognitive and Psychosocial Changes (Kohlberg; Erickson's Stages); Personality & Individual Differences in Ageing; Health, Wellbeing and Quality of Life (In Late Adulthood); Coping with Illness and Death-Cognitive and Emotion Focused Strategies, Memory Disorders (Dementia, Alzheimer's); Mental Health (Depression, Anxiety Disorders, Phobias, Suicide Risk in Old Age) and Disability; Interventions, Treatment, Available Services and Stereotyping, Chronic Illnesses; Pain; Death Anxiety; Hospital and Hospice Care; Daycare Facilities; Palliative Care; Kubler–Ross and Other Models of Death and Grieving Process; Grieving in Different Settings; Late Adulthood Population Demographics, Service Provision, Policy Issues: International Versus Sri Lankan Context.

PLU5308 Cross-Cultural Psychology

History of Cross Cultural Psychology, Conceptacle Clarity, Theories of Cross Cultural Psychology, Interdisciplinary Perspective, Cultural and Emotions, Culture, Cognition and Perception, Culture and Communication, Culture, Self and Identity, Culture and Psychotherapy, Culture Attachment and Relationships, Culture and Community, Culture, Health and Illness, Culture and Organizations, Research methods in Cross Cultural Psychology, Introduction to Cross Cultural Research, Ethics in Cross Cultural Research, Emerging trends in Cross cultural research

PLU5309 Consumer & Media Psychology

Introduction and History of Consumer Psychology, Cognitions: Memory and Learning, Perception, Identity formation & brands, Motivation: Drivers, goals and needs, Consumer decision making, Attitudes & consumer behaviour, Branding and Advertising, Persuasion, Consumer demands, lifestyle and behaviours, Historical development of Media Psychology, Entertainment, Violence and Desensitization, Media technology & Psychology, Social Media, Media & Children, Psychology and

Cyberspace, Mass media and public, Consumer and Media Psychology: Interdisciplinary Research and applications

PLU5310 Neuropsychology

Development of Neuropsychology as a Discipline, Basis of Neuropsychology: Brain, Behaviour and Consciousness, Neuropsychology in Practice: Current Applications, Basics of Neuroanatomy: Brain Plasticity, Hemispheric Specialization and Localization, Sensory Systems: Organization & Functioning, Neural Mechanisms of Sleep And Arousal, Neural Mechanisms of Human Reproductive Behaviour, Neural Mechanisms of Emotion, Historical and Modern Approaches to Research in Neuropsychology & Ethical Issues, Brain Lesions & Other Surgical Approaches, Brain Stimulation Techniques and Recording, Neurochemical Procedures and Genetics, Neuropsychological Assessments, Neurodevelopmental Disorders In Childhood I: Downs Syndrome And Learning Difficulties, Neurodevelopmental Disorders in Childhood II: ADHD and ASD, Neuropsychiatric Disorders: Schizophrenia, Affective Disorders, Neuropsychology of Substance Abuse and Addictive Disorders: Alcoholism, Drug Abuse & Korsokoff Syndrome, Neurological Disorders: Epilepsy, Traumatic Brain Damage & Brain Tumors, Neurological Disorders and Memory: Dementia Types, Parkinson and Huntingdon Disease.

PLU5311 Psychology & Law

Psychological Perspectives of Legal Thought and Policy Making, Concepts and Definitions of Forensic and Legal Psychology, Legal Systems: Punitive Forms of Justice, Legal Systems: Non-Punitive Forms of Justice, Eye-witness Memory and Witness Characteristic, Interrogations and Perpetrator Variables, Characteristics of Victims, Jury Decision Making and Jurors, Children as Victims, Perpetrators and Witnesses, Expert Witnesses, Accuracy and Validity of Detection Test, Deception, Lying and False Confessions, Offender Profiling, Public, Prejudice and Discrimination, Law Enforcement Personal and Mental Health, Violence Aggression and Terrorism, Women, Children and the Law, Systems of Social Support and Psychological Services, Support for Victims of Serious Crime, Protection of Children and Vulnerable Individual, Psychological Issues and Family Law, Law and Marriage, Family and Child Counselling, Negotiation, Meditation and Arbitration, Global Perspectives and Future Directions.

PLU5312 Occupational Health Psychology

Emergence of The Discipline, Theories of Occupational Stress, Organizational Stress Factors, Interpersonal Stress Factors, Work-Life Balance, Health and Safety, Stress and Coping, Employee Health and Psychological Wellbeing, Toxic Factors at Work, Burnout and Chronic Health Issues, Ergonomics, Social Support and Welfare, Interventions and Programmes.

LEVEL 6

PLU6901 Research Dissertation

Provides an understanding on how to conduct an independent scholarly research related to Psychology. Students are required to plan the research, identify ethical issues, write a project proposal, identify data collection procedures, conduct the research based on the proposed methodology, analyze and interpret and discuss the results. Students

are expected throughout the process to provide progress reports, oral presentations and submit the final dissertation.

PLU6302 Internship (Work Placement)

Students are expected to carry out a work placement with supervision from the host organisation and the University for a duration of 291 hours. This will provide students with supervised work experience using knowledge gained throughout the degree programme in a Psychology or related field/industry. It will be an opportunity to develop employability skills and network with prospective employers and practitioners.

PLU6303 Applied Psychology

Introduction to Applied Psychology, Sports and Exercise Psychology, Advertising Psychology, Forensic/Investigative Psychology, Positive Psychology: Theory and Applications, Coaching Psychology: Global versus Sri Lankan context, Mindfulness as Therapy for Depression, Rehabilitation in Sri Lankan Military Service, Domestic Violence: Scale Validation and Related Issues in Sri Lanka, Trauma & Psychology: Post-war Sri Lankan Context, Child Abuse and Protection: Sri Lankan context, Psycholinguistics: An Interdisciplinary Approach.

PLU6304 Advanced Counselling Practice

Role of counsellor in therapeutic process: Values, Attitudes, Beliefs and Competencies, Managing A Counselling Session: Informed Consent, Intake Interview, Assessment, Engagement, Guidance, Follow Up & Ethical Dilemmas In SL, Identifying Warning Signs And Risk Assessment: Global Versus Sri Lankan Perspective, Psychodynamic Therapy: Freud & Adler, Behaviour Therapy, Cognitive Behaviour Therapies: CBT, REBT, Reality Therapy, MET, Humanistic & Existential Therapy, Gestalt Therapy, Postmodern Approaches: Solution-Focused Brief Therapy, Narrative Therapy, Family & Relationship Therapy, Integration And Application Of Therapies, Diversity In Practice: Gender, Culture And Ethnicity, Technology And Counselling Practice (Computer And Communication Media Assisted Counselling), Developing The Counsellor Identity, Strategies And Interventions For Managing Personal Well-Being: Burnout, Anxiety Management, Continuous Professional Development: Collaborations, Research And Advancement In Practice

PLU6305 Chronic Illness and Palliative Care

Concepts and Definitions, Illness Trajectory of Communicable Diseases, Illness Trajectory of Chronic Non Communicable Diseases, Psychosocial Aspects in Illness Management of Chronic Diseases and NCD's, Chronic Illness and Mental Health Issues, Coping with Chronic Illnesses: Skills and Interventions for Patients And Caregivers, Definitions of Palliative Care, Communication in Palliative Care, Mental Health, Well-Being and Quality of Life, Psychological Assessments in Hospice Care, End of Life Care and Palliative Care Patients, Psychological Interventions for Hospice Care, End of Life Care and Palliative Care Patients, Understanding Active Dying, Death and Bereavement Issues, Psychosocial Support for Families and Caregivers, Role of Psychology in Education and Research in Palliative Care, Effectiveness of Using Psychological Interventions for Chronic, Terminal and Palliative Care Patients, Illness Communication and Patient-Practitioner Relationship, Self-Care and Burnout in Interdisciplinary Teams, Laws, Ethics, Practice Guidelines and Regulations in Palliative

Care, Cultural Aspects and Diversity Issues, Development of Policy, Strategies and Advocacy.

PLU6306 Advanced Trends in Psychology (Advanced Seminar)

Students will organize and coordinate six seminars on current trends in Psychology. This will include identifying topic areas, recognizing and inviting relevant experts and facilitating the delivery of the seminar.

PLU6307 Behavioural Genetics

Basics of Genetics-Mendelian Genetics; DNA And Basis Of Heredity, Human Genome, Metabolic Disorders; Chromosomal Disorders; Linkage and Association Designs; Genetics of Complex Disorders, Nature and Nature, Examines Whether Genes Could Have a Role in Creating Individual Differences Among Humans-Twin And Adoption Designs, Genetics of Personality & Personality Disorders ; Genetics of Cognitive Ability/Disability; Genetics of Psychopathology; Genes Influencing Antisocial Behaviour, Substance Abuse, Sexual Orientation; Role of Epigenetics on Behaviour, Behaviour From an Evolutionary Perspective to Provide an Appreciation on How Evolution Contributes to Many Different Aspect of Human Behaviour Population Genetics and Principles of Evolution; Biological Constraints on Behaviour; Human Behavioral Adaptations; Mate Preferences, Potential Applications of Behavioural Genetics, and Ethical, Legal, Social and Policy Implication of BG Research.

PLU6308 Psychology Human Sexuality

Exploring Human Sexuality, Anatomy & Physiology (Male/Female), Human Sexuality-Theory and Research, Sexuality Within a Relationship, Sexual Orientation & Gender Identity, Sex & Gender Issues, Sexuality in Childhood, Adolescence and Adulthood, Sexuality in Conception, Pregnancy and Child Birth, Sexuality in Relation to Contraception and Miscarriage, Sexually Transmitted Diseases (STD), Sexual Deviations, Sexual Dysfunctions & Solutions, Myths & Misconceptions Related to Sexuality, Sexuality in Media & Art, Sexuality and Law.

PLU6309 Psychometrics

Foundations of Psychological Assessment, The Essential Tools of Psychological Measurement, and How Assessment Measures are Made, Standardization, Reliability Testing, and Validation of Scales, Validation in Practice, Types of Assessments, Ethical and Professional Practice, Psychometrics and Cross-Cultural Issues, Application of Psychometrics: Interdisciplinary Perspective, Psychometrics & Technology, Constructing a Survey, Constructing Your Measure, Pilot Study, and Statistical Analysis.

PLU6310 Psychology of Addiction

Introduction to Psychology of Addiction, Concepts & Theories in Addiction, Addiction & Psychoactive Substances, Treatment of Substance Use and Addiction: a Continuum of Care, Addiction & Motivation, Prevention of Substance Abuse, Ethics & Law For Professionals In Addiction Field, Basic Counselling Skills for Addiction Treatment, Compulsive Eating, Gambling, Sex and Gaming Addiction, Alcoholism, Introduction to Pharmacology of Addiction Treatment, Addiction & Relapse Prevention, Addiction in Special Populations, Clinical Supervision for Addiction Professionals.

Part 4

Appendices

Appendix 1

Frequently Asked Questions

Your entry to the Open University provides you with the opportunity to experience a new and exciting way of learning, and naturally you may have many questions. We have put down some of the frequently asked questions from the past students and our answers and hope that you find them useful in making decisions.

1. What is distance mode learning?

Distance mode learning is a method where you are able to pursue your learning while at home or at work in your own time and at your own pace. Within the distance mode, the numbers of face-to-face teaching sessions are minimal. We do not usually have lectures as in conventional universities. Lectures are replaced by study material, in the form of written texts & audio/visual aids. In addition, we have day schools (for discussions), tutor clinics (for clarifications) and assignments to facilitate your process of learning. Although attendance for day schools are not compulsory, you are strongly advised to attend them, as this gives you the opportunity to interact with your facilitator and colleagues and discuss any problem areas that you may be having. In addition to the day schools, if you wish to meet your facilitator/s of learning, you must make an appointment in advance. This enables your facilitator to prepare and set aside time to spend with you to discuss any problems or queries that you may be having in relation to the course or otherwise.

2. Can I study while being employed?

Yes, our university has been established primarily to cater to adults and the employed. You are entitled 30 days study leaves per academic year. Refer to the following two circulars issued by the Secretary to the Ministry of Health.

- Circular No. 01-01/2016(1) for BSc Hons in Nursing)
- Circular No. 01-37/2016) for BPharm Hons & BMLS Hons

It is your responsibility to manage your study leave for your academic activities.

3. Will I be an EXTERNAL student?

No. All Open University students are internal students because we provide the study material, tutorial support and other academic assistance to all our students. Our students use the distance learning method, but they are not external students.

4. How long will the degree Programme take?

This will depend on the number of courses you register for a given academic year. You are permitted to register for maximum weight of 30 credits for academic year and you are free to decide your work load within this maximum credit weight. But, we strongly advise you to take less than the maximum permitted "30 credits" as the workload is quite heavy. However, you should complete the required number of credits for the award of the degree within 12 academic years from your initial registration to the degree programme (BN/N1 structure students of BSc Nursing programme are required complete the degree 2029/2030). If you fail to complete the degree within the specified number of years, your registration to the programme will be cancelled.

5. What is a credit?

A "credit" is the academic value of an Open University course.

6. Why do you advise me to register for less than the maximum credit during my first year? Will that not delay my graduation?

Being a student in the Open University you may encounter with new learning experiences with open and distance learning that you would not be familiar with beforehand. This is a new and different learning experience where you assume the major responsibility of your own learning and therefore it may be a challenge to cope with, particularly at the beginning. Hence taking lesser number of credits for the first time may be a help for you to cope with your work load while adjusting to the new system. Therefore, you are advised to register for lesser number of credits for the first time. It may be an advantage for you to achieve good course results and aim at a good final award at graduating stage even within a relatively longer time period, rather than going for poor results within shortest time period.

7. If I registered for a lesser number of courses in the first year can I register for more number of courses in the second year?

Yes. Once you have got used to the distance learning system and if you feel confident and capable of handling more, then you can register for more credits in your second and subsequent years within the maximum permitted.

8. Can I have advice to plan my program of study?

Yes, before registration, an orientation and counselling session will be held to make you aware of the programme. Therefore, your participation in this session is essential. Other than that, if you are having any problems in selecting courses, you can meet your lecturers in the department and get their advice as necessary.

9. Do I have to come myself for registration?

Yes, it is essential that you come yourself for the registration, since there will be many decisions to make. However, in extreme and unavoidable circumstances you may send all relevant documents with copies through another person with a letter of authorization. Under no circumstances will you be able to register for the programme after the registration period.

10. Can I change the date and place of registration?

Sorry, you cannot change the date and place of registration. This is because each and every programme is being planned and scheduled within a limited period of registration. However, if you cannot come on the date given to register, you may come on the late registration date.

11. Can I change courses after registration?

Yes. The Open University permits you to add or drop courses on the add/drop date and as well as to drop courses on the scheduled drop date. You will be informed of relevant add or drop date accordingly. You cannot drop or add courses for an academic year beyond these dates.

12. When will I be issued my study material?

Much of it will be issued immediately after the registration. Please do not leave the university premises until you have collected the first lot of your study material, the timetable and other relevant information on your registration day.

13. Will I be able to obtain a Mahapola or other Bursary awarded by the Open University?

You are not entitled for Mahapola bursaries if you are employed. But you are entitled for other bursaries awarded by the Open University on merit/need. You will be able to get more information on available bursaries from the Student handbook or from the OUSL website.

14. How can I get further information?

Further information on matters pertaining to courses offered by Departments may be obtained by contacting the relevant Head of Department.

Department	Telephone	Email	Post
Head, Nursing	011-2881325	hdnurse@ou.ac.lk	P.O. Box 21, Nugegoda
Head, MLS	011-2881146	hdmedilab@ou.ac.lk	
Head, Pharmacy	011-2881131	hdpharma@ou.ac.lk	
Head, Basic Sc.	011-2881000 ext 663	hdbasicsc@ou.ac.lk	
Head, Psychology and Counselling	011-2881000 ext 702	hdpcoun@ou.ac.lk	

Appendix 2

OUSL Computer Centres

Centre Address	Telephone No.
1. ***Nawala***, Colombo Regional Centre Building, (ground floor), OUSL, Nawala, Nugegoda	011-2810088 011-2881080
2. ***Kandy*** OUSL Regional Centre, Pollgolla, Kandy	081-2494119
3. ***Monaragala*** OUSL Study Centre, Potuvil Road, Monaragala	552277377
4. ***Kurunegala*** OUSL Study Centre, Nissanka Mawatha, Malkaduwawa Kurunegala	372220917
5. ***Ampara*** OUSL Study Centre, Iginiyagala Road, Ampara	632224388
6. ***Rathnapura*** OUSL Study Centre, Hidellana, Rathnapura	452228075
7. ***Ambalangoda*** The OUSL Study Centre, Polwatta Road, Halwatura, Ambalangoda	912255310
8. ***Anuradhapura*** OUSL Study Centre, Jayanthi Mawatha, Anuradhapura	252234484
9. ***Matara*** OUSL Study Centre, Nupe, Matara	412222314
10.***Batticaloa*** OUSL Study Centre, Bar Road, Batticaloa	0652222264
11. ***Galle*** OUSL Study Centre, Labuduwa, Galle	091-2223784
12.***Kegalle*** OUSL Study Centre, Kumaratunaga Munidasa Mawatha, Kegalle	035- 2222086
13.***Gampaha*** OUSL Study Centre, Gampaha Road, Miriswatta, Madungoda	0332234572/1

Appendix 3

Members of the Faculty Board

Professor G.R. Ranawaka	Dean/Health Sciences
Mr. M.R.M. Haniffa	Head/ Basic Sciences
Ms. P.W.G.D.P. Samarasekera	Head/ Pharmacy
Dr. W.N. Priyanthi	Head/ Nursing
Dr. G. P. Gamage	Head/ Psychology and Counselling
Dr. D.T. Wijeratne	Head/ Medical Laboratory Sciences
Mr. B.S.S. De Silva	Senior Lecturer in Nursing
Ms. A.V.P Madhavi	Senior Lecturer in Nursing
Ms. K.G.P.K. Munidasa	Senior Lecturer in Nursing
Dr. K.A. Sriyani	Senior Lecturer in Nursing
Dr. K. Vivehananthan	Senior Lecturer in Basic Sciences
Dr. O.K.D.U.P. Nishshanka	Senior Lecturer in Basic Sciences
Dr. H.M.C.J. Herath	Senior Lecturer in Psychology and Counselling
Ms. B.G.R. de Silva	Senior Lecturer in Psychology and Counselling
Ms. N. Dilsha	Lecturer (Probationary)/ Representative
Ms. H.M.S.P. Herath	Lecturer (Probationary)/ Representative
Dr. W.V.J. Perera	Actg. Director/CETMe
Dr. K.H. Jayawardena	Actg. Director/RES
Mr. R. M. Gunasekera	Snr.Asst. Librarian – Nominee Librarian
Professor N.B. Ratnasiri	Elected Member
Professor Tuley De Silva	Elected Member
Dr. Lalindra V. Gunaratne	Elected Member
Ms. M.B.C. Samanmalee	Elected Member
Ms. S.A.D.D.N Samarasinghe Ms. I.M.B.W. Illangasingha	Assistant Registrar – Secretary (on leave) Actg. Assistant Registrar – Secretary

(As of November 2019)

Appendix 4

Specific Exemptions for Compulsory StART@OUSL Courses

Course	Qualification
LEE3410 English for General Academic Purposes-EGAP	• Successful completion of a Bachelor's degree / Postgraduate Diploma, Master's Degree in English Medium • UTEL score of not less than band 6.00 in all 4 skills • IELTS overall score of at least 5.0 (academic) 5.5 (general) with not less than 4.00 in writing (scores within 3 years) • TOEFL (scored within 3 years) – Paper based overall score of at least 450 with 3.5 in writing – Computer based overall score of at least 200 with 3.5 in writing – Internet Based test overall score of at least 90 and writing score of 20 marks in above • Completed Advanced Level Examination in English Medium • Completed London A/L (Edexcel or Cambridge) in the English medium • National Diploma in Teaching (English) conducted and awarded by the NIE • Higher National Diploma in English (SLIATE) • Diploma in English from a recognized university • English as a subject at the G.C.E. Advanced Level • Diploma in English Language and Literature and Advanced Certificate in English conducted by Department of Language studies, OUSL
FDE3020 Empowering for Independent Learning -EfIL	• Successful completion of a Programme of Study of minimum one year duration in the distance mode at the OUSL • NSE3119 – Learning Management Skills – minimum C grade • Registered for BSc Nursing/BMLS/BPharm degree in or before Academic year 2015/16

Appendix 5 - Important Dates to Remember

BSc Honours in Nursing Degree Programme

Activity	Dates
New Registration	
Orientation	11th November 2019; 9 am – 4 pm
Academic Counselling	2nd & 4th December 2019; 9 am – 4 pm (CRC) 4th & 5th December 2019; 9 am – 4 pm (Other RCs)
Application deadline for Exemptions	10th December 2019
New Registration	6th and 7th December, 2019 (All RCs)
Late Registration	12th December,2019 (All RCs)
Last date to drop Programme with a refund	28th January 2020 (All RCs)
Re-Registration	
Application deadline for Exemptions	10th December 2019
Re-Registration	19th, 20th, 21st & 23rd December 2019 (CRC) 19th, 20th & 21st December 2019 (Other RCs)
Late Registration	28th December 2019 (All RCs)
Add/Drop	28th January 2020 (All RCs)
Drop	25th February 2020 (CRC only)
Studentship granting deadline for re-registrants	29th May 2020
Deadline for claiming approved exemptions	24th November 2020
LEE3410 – EGAP	January 2020 – May 2020
FDE3020 - EfIL	17th & 30th December 2019 – CRC only 2nd January 2020 – All RCs
Semester 1 – 2019/2020	
Academic activities	01st January 2020 to 20th April 2020
Release OCAM	20th April 2020
Study Period	21st April 2020 to 20th May 2020
Final exam application period (online)	1st March 2020 to 10th April 2020
Final Examinations	21st May 2020 to 12th June 2020
Semester 2 – 2019/2020	
Academic activities	13th July 2020 to 23rd October 2020
Release OCAM	23rd October 2020
Study Period	24th October 2020 to 23rd November 2020
Final Exam application period (online)	1st September 2020 to 13th October 2020
Final Examinations	24th November 2020 to 11th December 2020

Bachelor of Medical Lab. Sciences Honours Degree Programme

Activity	Dates
New Registration	
Orientation	11th November 2019; 9 am – 4 pm
Academic Counselling	13th November & 2nd December 2019; 9 am – 4 pm (CRC)
Application deadline for Exemptions	10th December 2019
New Registration	13th December, 2019 (All RCs)
Late Registration	14th December,2019 (All RCs)
Last date to drop Programme with a refund	28th January 2020 (All RCs)
Re-Registration	
Application deadline for Exemptions	10th December 2019
Re-Registration	18th December 2019 (All RCs)
Late Registration	31st December 2019 (All RCs)
Add/Drop	28th January 2020 (All RCs)
Drop	25th February 2020 (CRC only)
Studentship granting deadline for re-registrants	29th May 2020
Deadline for claiming approved exemptions	24th November 2020
LEE3410 – EGAP	January 2020 – May 2020
FDE3020 - EfIL	17th & 30th December 2019 – CRC only 2nd January 2020 – All RCs
Semester 1 – 2019/2020	
Academic activities	01st January 2020 to 20th April 2020
Release OCAM	20th April 2020
Study Period	21st April 2020 to 20th May 2020
Final exam application period (online)	1st March 2020 to 10th April 2020
Final Examinations	21st May 2020 to 12th June 2020
Semester 2 – 2019/2020	
Academic activities	13th July 2020 to 23rd October 2020
Release OCAM	23rd October 2020
Study Period	24th October 2020 to 23rd November 2020
Final Exam application period (online)	1st September 2020 to 13th October 2020
Final Examinations	24th November 2020 to 11th December 2020

Bachelor of Pharmacy Honours Degree Programme

Activity	Dates
New Registration	
Orientation	11th November 2019; 9 am – 4 pm
Academic Counselling	13th November & 2nd December 2019; 9 am – 4 pm (CRC)
Application deadline for Exemptions	10th December 2019
New Registration	10th December, 2019 (All RCs)
Late Registration	14th December,2019 (All RCs)
Last date to drop Programme with a refund	28th January 2020 (All RCs)
Re-Registration	
Application deadline for Exemptions	10th December 2019
Re-Registration	18th December 2019 (All RCs)
Late Registration	31st December 2019 (All RCs)
Add/Drop	28th January 2020 (All RCs)
Drop	25th February 2020 (CRC only)
Studentship granting deadline for re-registrants	29th May 2020
Deadline for claiming approved exemptions	24th November 2020
LEE3410 - EGAP	January 2020 – May 2020
FDE3020 - EfIL	17th & 30th December 2019 – CRC only 2nd January 2020 – All RCs
Semester 1 – 2019/2020	
Academic activities	01st January 2020 to 20th April 2020
Release OCAM	20th April 2020
Study Period	21st April 2020 to 20th May 2020
Final exam application period (online)	1st March 2020 to 10th April 2020
Final Examinations	21st May 2020 to 12th June 2020
Semester 2 – 2019/2020	
Academic activities	13th July 2020 to 23rd October 2020
Release OCAM	23rd October 2020
Study Period	24th October 2020 to 23rd November 2020
Final Exam application period (online)	1st September 2020 to 13th October 2020
Final Examinations	24th November 2020 to 11th December 2020

BSc Honours in Psychology Degree Programme

Activity	Dates
New Registration	
Orientation	11th November 2019; 9 am – 4 pm
Academic Counselling	13th November & 2nd December 2019; 9 am – 4 pm (CRC)
Application deadline for Exemptions	10th December 2019
New Registration	10th December, 2019 (All RCs)
Late Registration	14th December,2019 (All RCs)
Last date to drop Programme with a refund	28th January 2020 (All RCs)
Re-Registration	
Application deadline for Exemptions	10th December 2019
Re-Registration	18th December 2019 (All RCs)
Late Registration	31st December 2019 (All RCs)
Add/Drop	28th January 2020 (All RCs)
Drop	25th February 2020 (CRC only)
Studentship granting deadline for re-registrants	29th May 2020
Deadline for claiming approved exemptions	24th November 2020
LEE3410 - EGAP	January 2020 – May 2020
FDE3020 - EfIL	17th & 30th December 2019 – CRC only 2nd January 2020 – All RCs
Semester 1 – 2019/2020	
Academic activities	01st January 2020 to 20th April 2020
Release OCAM	20th April 2020
Study Period	21st April 2020 to 20th May 2020
Final exam application period (online)	1st March 2020 to 10th April 2020
Final Examinations	21st May 2020 to 12th June 2020
Semester 2 – 2019/2020	
Academic activities	13th July 2020 to 23rd October 2020
Release OCAM	23rd October 2020
Study Period	24th October 2020 to 23rd November 2020
Final Exam application period (online)	1st September 2020 to 13th October 2020
Final Examinations	24th November 2020 to 11th December 2020

Appendix 6
Student Responsibilities

- Respect the rights of others and work cooperatively and collaboratively with all students and staff
- Maintain the highest standards of academic and personal integrity
- Use University property, equipment, and facilities responsibly
- Refrain from actions that endanger the health, safety, or welfare of any member of the University community or its visitors
- Do not engage in discrimination, harassment, victimisation or ragging
- Comply with University By-laws, Rules and Regulations and report any violations to the authorities
    - General By Law for Student Discipline, No 02, as amended
    - Regulation on Examination Procedure, Offences and Punishments, No. 1 of 1996, as amended
    - Prohibition of Ragging and Other Forms of Violence in Educational Institutions Act, No.20 of 1998
- Adhere to the policies, procedures and rules of external organisations while on internships/work placements/clinical practicum
- Safeguard the good name of the University

It is very important to understand that the failure to fulfil any of these responsibilities is a basis for disciplinary action; punishments imposed for misconduct can be very serious, including suspension from the University.

This is **OUR University** - Let us all be committed to a learning and working environment which is supportive, fair and safe for all members of the University community.

Appendix 7
OUSL Map