

FACULTY OF NATURAL SCIENCES

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**2021
2022**



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Programmes / Courses of Study Offered By The Faculty of Natural Sciences, OUSL

Programmes/Courses described in this Guide

- Bachelor of Science Degree
- Bachelor of Science Honours Degree

Other Programmes/Courses offered by the Faculty

- MSc in Medical Entomology and Applied Parasitology
- MSc in Environmental Sciences (Inter-faculty)
- Bachelor of Education(Natural Sciences) – jointly with Faculty of Education
- Diploma in Microbiology(Blended online)
- Diploma in Natural Resources and Ecotourism
- Diploma in Laboratory Technology
- Diploma in Environmental Sciences
- Diploma in Plant Breeding
- Advanced Certificate in Wildlife Conservation & Management
- Certificate in Applied Electronics
- Stand Alone Courses in Science
- Short course in Plant Breeding Techniques
- Short course in Computer Networks & Security
- Short course in Professional Computer Applications
- Short course in Professional Web Development using Joomla&Wordpress
- Short course in Enhancing Teacher Capacities in Teaching ICT

For more information: <https://ou.ac.lk/fnatssc/>

Message from the Dean

Welcome to the Faculty of Natural Sciences!!

Welcome to the Faculty of Natural Sciences of The Open University of Sri Lanka. As an institution, our mission is to provide lifelong learning opportunities through Open, Distance and Flexible Education with a commitment to excellence in teaching and research. We give you the flexibility to learn at your pace while being employed or fulfilling other life commitments.



The Faculty of Natural Sciences at the OUSL has over 35 years of experience delivering science degree programmes through the Open and Distance Learning (ODL) mode. Due to the nature of its teaching methodology and infrastructure, OUSL is able to serve students spread throughout the country through nine (09) regional centres and nineteen (19) study centres. Currently, the Faculty of Natural Sciences offers a wide range of well-designed academic programmes in various disciplinary specializations in the sciences through six (06) academic departments. The Faculty consists of more than 100 well-qualified academic staff who share their expertise with students of all the Regional Centres of OUSL located across Sri Lanka.

The BSc Degree programme is one of the first programmes offered by the OUSL. Students can start their undergraduate work in the first year in any of the three languages before transferring to the English medium at higher levels. All our programmes are specially designed to suit those with other life commitments such as full-time employment, financial obligations and family responsibilities. Our unique system of ODL, developed over the years, gives you the flexibility to engage in your studies at your own place and at your own pace, at an affordable price.

All our programmes have been developed complying with guidelines specified in the Sri Lanka Qualifications Framework (SLQF) and subject benchmarks common to all state universities. The Faculty has taken all necessary steps to maintain the required standard and the quality through the Faculty Quality Assurance Cell (FQAC), which is aligned with the quality practices of the Centre for Quality Assurance of the university and the Quality Assurance Council (QAC) under the purview of the University Grants Commission (UGC).

Our learner support system will guide and assist you at every stage of your academic career from the very first day of registration up to completion of the programme. The main mode of course delivery is through *Self Instructional Course Materials*. The Faculty uses the Learn OUSL *Learning Management System* (LMS) to facilitate online access to all courses. Learners are required to attend *Day Schools*, which are a limited number of face-to-face interactive sessions held during the academic year, which are currently conducted online. Practicing *self-learning*, learning in study groups (i.e., *collaborative learning*) and timely completion of learning activities are important to ensure success. The teachers provide you with feedback and necessary guidance to move forward successfully.

To date, the Faculty of Natural Sciences at the OUSL has very successfully educated thousands of individuals throughout the country. We are proud that many of our alumni hold significant positions today and make a valuable contribution to the nation through their work in different fields such as research, teaching and administration both in the state and private sectors. I hope you too will succeed in a similar manner, finding our courses engaging, inspiring and useful, with a rewarding and enjoyable learning experience.

This Prospectus is carefully designed to be as comprehensive as possible in giving all the essential information needed for a student who plans to follow the degree programme offered at the Faculty of Natural sciences of the OUSL. Thank you for choosing the Faculty of Natural sciences of the OUSL for your higher studies and warmly welcome you as part of our undergraduate student community. Please go through the information to find more about us. I wish you all the success in all your efforts to acquire a recognized qualification from our Faculty.

On behalf of our Faculty, I wish you good luck in all your future endeavours!!

Professor G.W.A.Rohan Fernando
Dean/ Faculty of Natural Sciences

GENERAL INFORMATION

The University

The Open University of Sri Lanka (OUSL) is the premier national University in the country which offers Degree, Diploma, Certificate Programmes and other courses through OPEN & DISTANCE LEARNING methodology. Established in 1980, under the Universities Act No. 16 of 1978 and OUSL Ordinance No. 1 of 1990, it has the same legal and academic status as any other national university in Sri Lanka.

The OUSL provides opportunities for any person over 18 years of age to register as a student for a Programme/Course of their choice. Due to the nature of its teaching methodology and infrastructure, the OUSL is able to serve a large student population scattered throughout the island. Currently, around 40,000 are registered in its six Faculties: Natural Sciences, Engineering Technology, Humanities & Social Sciences, Education, Management Studies and Health Sciences. The University serves its student population via a network of 9 regional centres and 19 study centres (Appendix 2). The Central campus and the Colombo Regional Centre (CRC) are situated in Nawala. The other eight Regional Centres are situated at Kandy (KRC), Matara(MRC), Jaffna(JRC), Anuradhapura(ARC), Batticaloa(BRC), Badulla(BaRC), Kurunegala(KuRC) and Ratnapura(RRC), where activities in BSc degree programme are delivered.

Faculty of Natural Sciences

The Faculty of Natural Sciences conducts a variety of study programmes including the Degree Programmes leading to BSc General/Hons Degree and several Higher Diploma/Diploma/Certificate programmes. The Faculty functions under the leadership of the Dean, who is the administrative and the academic Head. It also has a large number of experienced and qualified teaching staff to help the students in their studies. The six academic departments of the Faculty are: Botany, Chemistry, Computer Science, Mathematics, Physics and Zoology.

The Study System

The study system of the OUSL is based on open and distance learning methods. It is different to the conventional study system that most of you are familiar with. Regular attendance at the University is not required and is therefore well suited for those of you who are employed or engaged with other commitments.

Student learning is facilitated through carefully prepared printed course material suitable for self-learning. Printed course material is supplemented with audio visual and online learning material. Your progress in courses is evaluated at different time intervals using a variety of assessment methods such as assignment tests and final examinations.

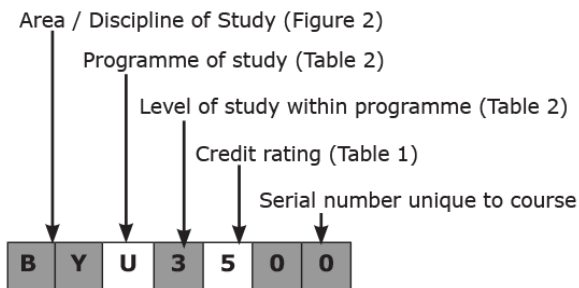
Courses, Academic Value and Time to Study

Faculty of Natural Sciences offers courses at different Levels. Degree level courses are at Levels 3, 4, 5 & 6 of the Sri Lankan Qualification Framework (SLQF). Faculty offers level 3 of BSc degree programme in Sinhala, English & Tamil and higher-level courses are offered only in the English medium. Each course is identified by a course code. A course code will reflect the level of study and the academic value of the course referred to as the credit rating. The time you will have to allocate for studying a course depends on its credit rating. The minimum credit rating for courses offered by the Faculty of Natural Sciences is 2 credits; such a course will require a minimum allocation of around 100 notional hours of study time.

Each course offered by the Faculty is assigned a course code. This code includes certain components of identification that uniquely identifies the course. The particular subject area/discipline is one component of identification used when assigning course codes. The specific letters assigned to the different areas/disciplines of study are shown here.

Applied Mathematics	AD	Pure Mathematics	PE	Management Studies	MS
Botany	BY	Zoology	ZY	Social Science	DS
Chemistry	CY	Faculty Courses	FN	Language Studies	LE
Computer Science	CS	Legal Studies	LL		
Physics	PH				

In assigning course codes, the **Programme of study** is identified by a letter and the **level of study** is identified by a digit. For instance, undergraduate courses are identified by the letter **U**. 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 will give the credit rating. The last two digits give a unique serial number for the course. An example of a course code is shown below.



BACHELOR OF SCIENCE DEGREE PROGRAMME

**Designed for those who wish to obtain a
BSc Degree/BSc Hons Degree**

Aims and Outcomes

The BSc Degree programme is designed to provide opportunities for higher education in Science, particularly to those who are already in employment.

A BSc graduate of the OUSL is expected to have:

- acquired an understanding of the basic and applied knowledge of the respective disciplines in science
- acquired relevant practical skills to complement and support subject-based theoretical knowledge
- developed the ability to conduct scientific investigations and proceed to undertake research studies at higher levels
- gained a range of critical, analytical, transferable and personal skills
- obtained a broad knowledge on areas outside the subject combinations in Science through open elective courses
- changed from a dependent to an independent learner with the flexibility to move into new and multidisciplinary areas of study, research or employment
- developed an interest in life-long learning

Target Group

- Those in middle level employment in scientific fields who wish to obtain an academic degree and thereby improve their promotional and/or career prospects
- Late developers wanting to come back into the mainstream of formal education with a view to obtaining an academic degree
- Any person wanting to pursue a Degree Programme in Science in their own time and at an affordable cost

Admission Requirements

- Minimum of 03 passes in any number of sittings at the G.C.E. (A/L) examination in approved science subjects (Applied Mathematics, Biology, Botany, Chemistry, Combined Mathematics, Higher Mathematics, Physics, Pure Mathematics, Zoology, Agricultural Science and Information and Communication Technology (ICT) OR
- Minimum of 30 credits from among the approved subjects in Advance Certificate in Science (OUSL) (see Table 1) OR
- Any other equivalent qualifications (see Tables 2, 3, and 4)

Table 1: Specific Exemptions for GCE (A.L.) Passes

This table provides information on qualifications accepted for exemptions in lieu of GCE (A.L.) passes

GCE (A/L) (Sri Lanka)		Qualifications Accepted for Exemptions										Foundation Course in Physics - IPSL
		Advanced Certificate in Science (OUSL)/ GCE(A/L) (London)						Institute of Chemistry Lab Technicians Certificate (LTCC)/ (DLT)	Diploma in Sci./ Maths (AUC); Diploma in Teaching Sci./ Maths (NIE): Trained Teachers Certificate		Science Teachers Diploma	
New Scheme	Old Scheme	Pure Maths	App. Maths	Physics	Chemistry	Botany	Zoology		Maths	Science	Phy. Sci.	Bio. Sci.
		Com.Maths/High er Maths				Biology						
Combined Maths/Higher Maths	Pure Maths	X						X				
	App. Maths		X					X				
Physics	Physics			X					X	X	X	
Chemistry	Chemistry				X			X	X			
Biology	Botany					X			X		X	
	Zoology						X		X		X	
Agricultural Science												
Information and Communication Technology												

Table 2: Specific Exemptions for EGAP (LEE3410/LTE3401)

IELTS*	Overall score of minimum 5.0 (academic) or 5.5 (general), with not less than 4.0 in writing
TOFEL*	Paper based: overall score of minimum 450 with 3.5 in writing. Computer based: overall score of minimum 200 with 3.5 in writing. Internet based: overall score of minimum 90 with 3.0 (scaled score of 20) in writing
G.C.E (A/L) Sri Lanka English Medium	Students who have completed their advance level Examination in English Medium conducted by the Department of Examination.
G.C.E. (A/L) London	Students who have completed London A/L (Edexcel or Cambridge).
UTEL	Score of not less than band 6.00 in all 4 skills.
<p>Successful completion of a Bachelors degree/Postgraduate Diploma/Masters in the English medium. National Collage of Education-National Diploma in Teaching (English) conducted and awarded by the NIE. Higher National Diploma in English (SLIATE). Diploma in English from a recognized university. Diploma in Library and Information Science (in the English medium) conducted by the Sri Lanka Library Association. English as a subject at the G.C.E. Advance Level. Diploma in English Language and Literature and Advance Certificate in English conducted by Department of Language Studies.</p>	

* IELTS and TOEFL scores should be obtained not more than 3 years prior to the date of request.

Table 3: Specific Exemption for ICT Skills (CSE3213)

UCTIT	Successful completion of the University Competency Test in Information Technology (UCTIT) conducted by the Higher Education for Twenty First Century (HETC) project of the Ministry of Higher Education.
ICT Technician	Successful completion of National Certificate in Information Communication Technology Technician (ICT Technician) NVQ L4 at Vocational Training Centre.
SCDL/ICDL	Successful completion of Sri Lanka Computer Driving License (SCDL) or International Computer Driving License (ICDL)
Short course in Professional Computer Applications	Successful completion of CPCA; Short course in Professional Computer Applications offered by the Department of Computer Science, The Open University of Sri Lanka.

Table 4: Specific Exemptions for CYE3200: Mathematics for Chemistry and Biology

	1st year Examination in Science of a recognized University		National Diploma in Mathematics	GCE (A/L) -Combined/Higher/Pure/Applied Maths, Trained Teachers' Certificate in Maths, PSF1301+PSF2301/PSF1302+ and PSF2302 NDT/JTO/IESL PartI
Course Code	Pure Mathematics	Applied Mathematics		
CYE3200	X	X	X	X

Pre-requisites to register for Level 3 courses

Specific pre-requisites required to register for any course in a particular discipline at Level 3 (Table 5) over and above the general pre-requisite of a minimum of three passes in relevant courses at G.C.E. (A/L) are:

Table 5: Pre-requisites to register for Level 3 courses

Discipline	Pre-requisites G.C.E. (A/L)
Botany	Pass in Botany/Biology in G.C.E (A.L.) or pass in Biology in Advance Certificate in Science (OUSL)
Chemistry	Pass in Chemistry in G.C.E (A.L.) or pass in Chemistry in Advance Certificate in Science (OUSL)
Physics	Pass in Physics in G.C.E (A.L.) or pass in Physics in Advance Certificate in Science (OUSL)
Zoology	Pass in Zoology/Biology in G.C.E (A.L.) or pass in Biology in Advance Certificate in Science (OUSL)
Computer Science	3 passes in G.C.E. A/L or pass in Advance Certificate in Science (OUSL)
Applied Mathematics	Pass in Applied Maths/ Combined Maths/Higher Maths in G.C.E. A/L or pass in Mathematics in Advance Certificate in Science (OUSL)
Pure Mathematics	Pass in Pure Maths/ Combined Maths/ Higher Maths in G.C.E. A/L or pass in Mathematics in Advance Certificate in Science (OUSL)

Duration of the Degree

The minimum period required to complete the BSc Degree is three (03) academic years. However, the programme provides flexibility to those who wish to take longer (up to a maximum of 9 years), depending on other commitments. Most students, including those employed, generally complete the degree in 3-4 years.

We are now offering the BSc Hons Degree in major Science disciplines (similar to a special degree offered earlier). Students are required to study Levels 3 and 4 with the BSc Degree programme and then get selected to the BSc Hons degree if you have required minimum qualifications in Levels 3 and 4 (2+2 Structure). If you are interested to follow the BSc Hons degree after completion of Level 4, you can find out about the

selection criteria from the Faculty Office. The maximum duration for completion of BSc Hons degree is 6 years.

Exemptions

You may request for exemptions for certain courses based on your previous qualifications at the tertiary level (e.g., Diploma, 1st or 2nd year from a recognized university). Applications for claiming exemptions can be collected from the Assistant Registrar of the Faculty. Duly completed application forms together with proof for such qualifications and relevant course descriptions/syllabi should be forwarded to reach the AR/Natural Sciences on or before **17th January 2022**. The Faculty Exemption Committee will assess your qualifications and inform you if exemptions can be granted. It is your responsibility to claim such exemptions at the registration.

Courses offered at Level 3

You are requested to **register for three (03) subjects** at Level 3 from the basket of subjects mentioned in Table 6. Select from the following subjects, based on the different combinations you have done for GCE (A/L).

Table 6: Subjects that can be offered at Level 3

Combination of Passes in G.C.E.(AL) or Advance Certificate in Science	Subjects that can be offered at level 3						
	Botany	Chemistry	Physics	Zoology	Pure Mathematics	Applied Mathematics	Computer Science
Chemistry Physics Biology	X	X	X	X			X
Chemistry Physics Combined mathematics		X	X		X	X	X
Physics Combined mathematics ICT			X		X	X	X
Chemistry Biology Agricultural Science	X	X		X			X

Table 7: Courses offered at Level 3

Course Code	Credits	Course Title
Discipline-based and Open Elective Courses		
Botany		
BYU3301	3	Organization of Cells and Plant Biochemistry
BYU3500	5	Diversity of Plants
Chemistry		
CYU3300	3	Basic Principles of Chemistry I
CYU3201	2	Basic Principles of Chemistry II
CYU3302	3	Basic Practical Chemistry
Physics		
PHU3300	3	General and Thermal Physics
PHU3301	3	Basic Electromagnetism
PHU3202	2	Waves in Physics
Zoology		
ZYU3500	5	Animal Life and Diversity
ZYU3301	3	Biogeography
Computer Science		
CSU3200	2	Introduction to Computer Programming
CSU3301	3	Database Design and Implementation
CSU3302	3	Data Structures & Algorithms
Applied Mathematics		
ADU3300	3	Vector Algebra
ADU3201	2	Basic Statistics
ADU3302	3	Differential Equations
Course Code	Credits	Course Title

Pure Mathematics		
PEU3300	3	Mathematical Logic and Mathematical Proofs
PEU3301	3	Foundations of Mathematics
PEU3202	2	Vector Spaces
Open Elective Courses		
Level 3		
ADU3218	2	Basic Statistics
DSU3298	2	Introduction to Sri Lankan Society
FNU3200	2	Ethics in Science & Technology
FNU3201* ^{CS}	2	Communication Skills
LLU3261	2	Understanding Law
MSU3208	2	Managing Your Work and People
Note: ADU3218 is for Mathematics students not offering Applied Mathematics.		
Continuing Education Courses		
Compulsory		
ADE3200	2	Applied Calculus I
CSE3213	2	Information & Communication Technology Skills
CYE3200	2	Mathematics for Chemistry and Biology
FDE3020	0	Empowering for Independent Learning (EfIL)
LTE3401	4	English for General Academic Purposes (EGAP)

Abbreviations:

*CS - Compulsory for specialization in Computer Science

** - Offered only for 3-year degree

Table 8: Courses offered at Level 4

Discipline-based Courses		
Course Code	Credits	Course Title
Botany		
BYU4300	3	Plant Physiology
BYU4301	3	Genetics and Evolution
BYU4302	3	Systematics of Higher Plants and Animals
BYU4303	3	Principles of Microbiology
Chemistry		
CYU4300	3	Inorganic Chemistry
CYU4301	3	Concepts in Chemistry
CYU4302	3	Practical Chemistry II
CYU4303	3	Organic Chemistry I
Physics		
PHU4300	3	Modern Physics
PHU4301	3	Electronics
PHU4302	3	Optics
PHU4303	3	Mathematical Methods for Physics
Zoology		
ZYU4300	3	Animal Form and Function
ZYU4301	3	Ecology
ZYU4302	3	Animal Development
ZYU4303	3	Animal Behaviour
Computer Science		
CSU4300	3	Operating Systems
CSU4301	3	Object Oriented Programming
CSU4302	3	System Analysis & Software Engineering
CSU4303	3	Computer Networks

Course Code	Credits	Course Title
Applied Mathematics		
ADU4300	3	Statistical Distribution Theory
ADU4301	3	Newtonian Mechanics I
ADU4302	3	Vector Calculus
ADU4303	3	Applied Linear Algebra and Differential Equations
Pure Mathematics		
PEU4300	3	Real Analysis I
PEU4301	3	Real Analysis II
PEU4302	3	Linear Algebra
PEU4303	3	Group Theory I

Table 9: Courses offered at Level 5

Discipline- based Courses		
Course Code	Credits	Course Title
Botany		
BYU5300*	3	Environmental and Applied Microbiology
BYU5301*	3	Plant Pathology
BYU5302	3	Plant Growth and Development
BYU5303	3	Plants and Man
BYU5304*	3	Soils and Plant Growth
BYU5305**	3	Literature Review in Botany (Limited Registration)
BYU5306*	3	Plant Breeding
BYU5307	3	Forest Management& its Conservation
BYU5308	3	Postharvest Technology of Fresh Produce
BYU5609	6	Horticulture
BYU5610**	6	Research Project in Botany (Limited Registration)
Chemistry		
CYU5300*	3	Organometallic Chemistry
CYU5301*	3	Concepts in Spectroscopy
CYU5302*	3	Analytical Chemistry
CYU5303*	3	Organic Chemistry II
CYU5304*	3	Chemistry of Biomolecules
CYU5305	3	Natural Product Chemistry
CYU5306	3	Biochemistry

Course Code	Credits	Course Title
CYU5307	3	Chemical aspects of Food Industry
CYU5308*	3	Instrumental Methods of Chemical Analysis
CYU5309	3	Environmental Chemistry
CYU5310**	3	Literature Project in Chemistry
CYU5611**	6	Research Project in Chemistry
CYU5312	3	Industrial Chemistry I
CYU5313	3	Polymer Chemistry
CYU5614*^	6	Physical Chemistry I
CYU5615*^	6	Advanced Organic Chemistry
CYU5310, CYU5611 Limited enrolment depending on the available facilities in the department		
Physics		
PHU5300*	3	Nuclear and Particle Physics
PHU5301*	3	Practical Physics
PHU5302	3	Atmospheric Physics
PHU5303*	3	Data Acquisition and Signal Processing
PHU5304	3	Biophysics
PHU5305	3	Essentials of Geology
PHU5306	3	Applied Geology
PHU5307	3	Medical Physics
PHU5308	3	Fundamentals of Geophysics
PHU5309	3	Literature Survey Project in Physics
PHU5610	6	Research Project in Physics
PHU5311	3	Astronomy

Course Code	Credits	Course Title
PHU5312* ^{OP}	3	Solid State Physics
PHU5313* ^{OP}	3	Advanced Electromagnetism
PHU5314* ^{OP}	3	Thermodynamics
PHU5315 ^{OP}	3	Renewable Energy Sources
Zoology		
ZYU5300	3	Aquatic Biology
ZYU5302	3	Conservation & Management of Biodiversity
ZYU5303	3	Environmental Toxicology
ZYU5305	3	Human Biology
ZYU5306	3	Entomology
ZYU5307	3	Mammalian Biology
ZYU5608	6	Zoology Project
ZYU5310* [^]	3	Evolutionary Biology
ZYU5311*	3	Literature Review in Zoology
ZYU5312	3	Zoology Essay
ZYU5313*	3	Research Methodology
ZYU5314	3	Fundamentals of Ornithology
Computer Science		
CSU5300	3	IT Project Management
CSU5301	3	Software Quality Assurance
CSU5302*	3	Web Technologies
CSU5303*	3	Management Information Systems
CSU5304 ^{NM}	3	Mathematics for Computing

Course Code	Credits	Course Title
CSU5305	3	Theory of Computing
CSU5306	3	Digital Electronics
CSU5307*	3	Data Communication
CSU5308*	3	Artificial Intelligence
CSU5309*	3	Information Security & Cryptography
CSU5310	3	Computer Architecture
CSU5311*	3	Computer Graphics
CSU5320	3	Project in Computer Science
Applied Mathematics		
ADU5300 *AM	3	Linear Programming
ADU5301	3	Regression Analysis I
ADU5302 ^{TM, *AM}	3	Mathematical Methods
ADU5303	3	Newtonian Mechanics II
ADU5304 *AM	3	Operational Research
ADU5305	3	Statistical Inference
ADU5306	3	Fluid Mechanics
ADU5307 *AM	3	Numerical Methods
ADU5308	3	Graph Theory
ADU5309	3	Design and Analysis of Experiments
ADU5615	6	Project in Mathematics
ADU5321	3	Applied Calculus II
Pure Mathematics		
PEU5300 *M	3	Riemann Integration
PEU5301	3	Ring Theory

Course Code	Credits	Course Title
PEU5302	3	Combinatorics
PEU5303 ^{*M}	3	Number Theory
PEU5304 ^{*M}	3	Introduction to Complex Analysis
PEU5305 ^{*M}	3	Complex Analysis I
Open Elective Courses		
Course Code	Credits	Course Title
Level 5		
ADU5318	3	Bio Statistics
ADU5319	3	Design and Analysis of Experiments
ADU5320	3	Introduction to MATLAB Software
BYU5318	3	Environmental Studies
PHU5318	3	Electronics for Biology Students

Abbreviations:

- * - *Compulsory for the relevant discipline specialization.*
- * AM - *Compulsory for Specialization in Applied Mathematics.*
- *M - *Compulsory for Specialization in Mathematics.*
- *S - *Compulsory for Specialization in Statistics.*
- *^ - *Compulsory for the relevant discipline specialization and Offered only for 4-year Special degree.*
- *NM - *Compulsory for the relevant discipline specialization students not offering both Applied Mathematics & Pure Mathematics.*
- NM - *Students not offering both Applied Mathematics and Pure Mathematics in 3-year degree*
- ** - *Offered only for 3-year degree*
- OP - *Not offered in 2021/2022*

Table 10: Courses offered at Level 6

Discipline- based Courses		
Course Code	Credits	Course Title
Botany		
BYU6300*	3	Plant Molecular Biology
BYU6301	3	Bioinformatics
BYU6302	3	Biotechnology
BYU6303*	3	Experimental Design and Biological data Analysis
BYU6304	3	Integrated Crop Protection
BYU6305	3	Industrial Microbiology
BYU6306	3	Molecular Systematics
BYU6307*	3	Advanced Plant Physiology and Biochemistry
BYU6308*	3	Advanced Ecology
BYU6309	3	Soil Biology
BYU6310	3	Advanced Plant Pathology
BYU6911*	9	Research Project in Botany(Special Degree)
BYU6313*	3	Special Topics in Botany
Chemistry		
CYU6600*	6	Advanced Concepts in Chemistry
CYU6301	3	Selected topics in Inorganic Chemistry
CYU6302	3	Medicinal Chemistry
CYU6303	3	Chemistry in Material Science
CYU6304	3	Inorganic Spectroscopy & Structural Chemistry
CYU6305*	3	Concepts in Industrial Chemistry

Course Code	Credits	Course Title
CYU6606*	6	Advanced Experimental Chemistry
CYU6307*	3	Industrial Training and Literature Seminar
CYU6608*	9	Research Project in Chemistry
Physics		
PHU6300*	3	Advanced Practical in Physics
PHU6301*	3	Advanced Solid-State Physics
PHU6302*	3	Advanced Quantum Mechanics
PHU6603*	6	Advanced Research Project in Physics
PHU6304*	3	Advanced Electronics
PHU6305	3	Nanophysics and its Applications
PHU6306*	3	Statistical Physics
PHU6307	3	Modern Optics
PHU6308*	3	Classical Mechanics
Zoology		
ZYU6300	3	Management of Insect Pests and Vectors
ZYU6301	3	Aquaculture
ZYU6302	3	Immunology
ZYU6303	3	Molecular Biology
ZYU6605*	6	Advanced Laboratory Techniques in Zoology
ZYU6306	3	Advanced Ornithology
ZYU6908*	9	Research Project in Zoology
ZYU6309	3	Oceanography and Ocean Resources
ZYU6310	3	Wildlife Management and Conservation
ZYU6311*	3	Special Topics in Zoology

Course Code	Credits	Course Title
Computer Science		
CSU6300	3	Advanced Database Management Systems
CSU6301	3	Advanced Networking
CSU6302	3	Software Architecture
CSU6303	3	Image Processing
CSU6304	3	Advanced Computer Security
CSU6305	3	Electronic Commerce
CSU6306	3	Neural Networks
CSU6307	3	Mobile and Cloud Computing
CSU6308	3	Natural Language Processing
CSU6620	6	Research project in Computer Science
Applied Mathematics		
ADU6300	3	Stochastic Processes
ADU6601	6	Applied Number Theory
ADU6602	6	Statistical Quality Control
ADU6303	3	Actuarial Mathematics
ADU6304*	3	Computational Mathematics
ADU6305*	3	Optimization Theory
ADU6306	3	Mathematical Modelling
ADU6307	3	Advanced Statistical Distribution Theory
ADU6308	3	Survival Analysis
ADU6309	3	Medical Statistics
ADU6610*S	6	Multivariate Analysis
ADU6611*M, *AM,*S	6	Research Project

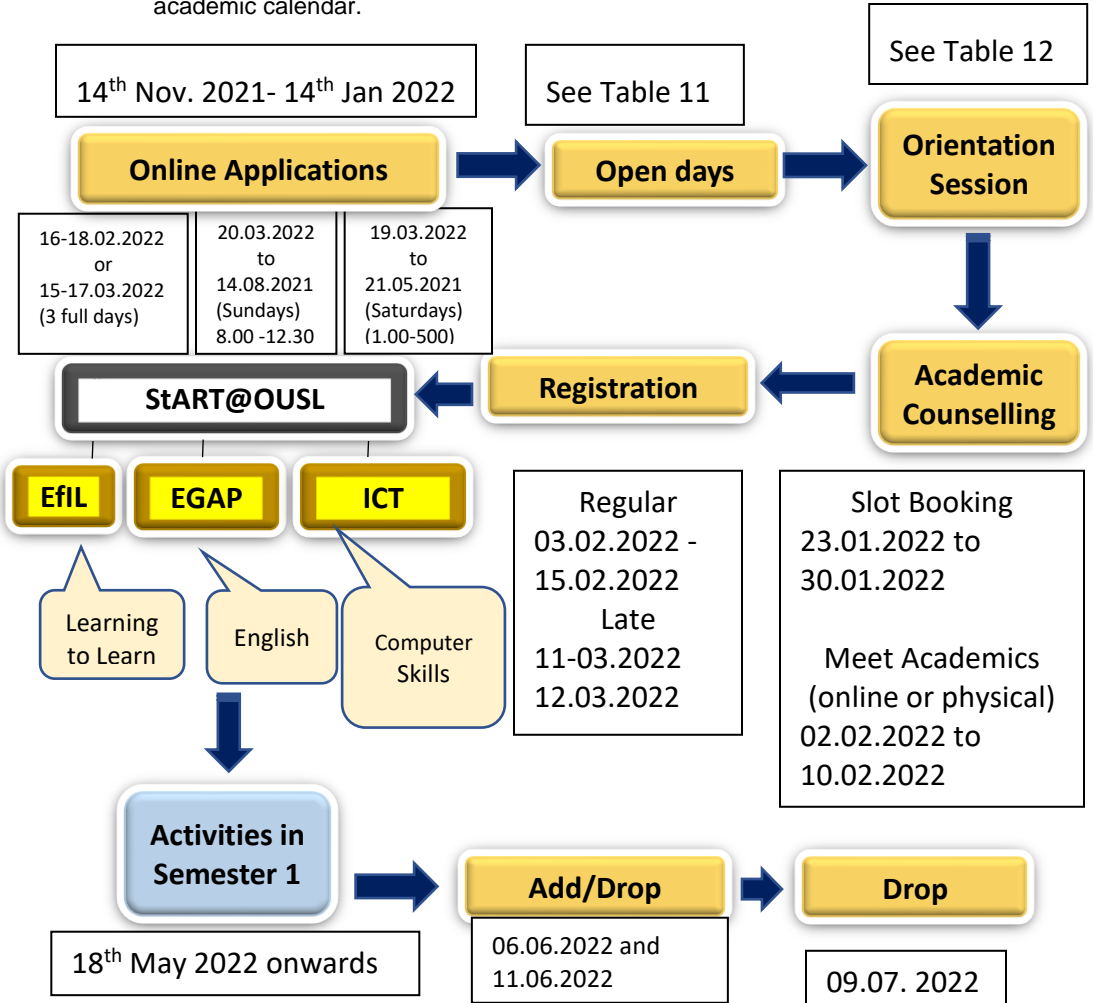
Course Code	Credits	Course Title
Pure Mathematics		
PEU6300*	3	Group Theory II
PEU6601*	6	Point Set Topology
PEU6602*	6	Measure Theory
PEU6303	3	Complex Analysis II
PEU6304	3	Functional Analysis
PEU6305	3	Introduction to Galois Theory
PEU6306	3	Advanced Topics in Real Analysis
Open Elective Courses		
Course Code	Credits	Course Title
Level 6		
FNU6300	3	GIS and Remote Sensing in Natural Resource Management
FNU6301	3	Environmental Degradation Management
FNU6302	3	Fundamentals of Environmental Impact Assessment

Abbreviations:

- * - *Compulsory for the relevant discipline specialization.*
- * AM - *Compulsory for Specialization in Applied Mathematics.*
- *M - *Compulsory for Specialization in Mathematics.*
- *S - *Compulsory for Specialization in Statistics.*
- *NM - *Compulsory for the relevant discipline specialization students not offering both Applied Mathematics & Pure Mathematics.*
- NM - *Students not offering both Applied Mathematics and Pure Mathematics in 3-year degree*
- ** - *Offered only for 3-year degree*

Registration Process

After publishing the advertisement for the new intake, the following operational procedure will be implemented until the academic activities commence for the academic calendar.



Open Days

Open days provide an opportunity for those interested to visit the University to get first-hand information regarding the OUSL and Faculty Programmes and to get aware of the facilities available for students.

Table 11 - Schedule of Open Days (Online)

Link & Medium	Time
21st November 2021	
Link 1 - Sinhala/English	Meeting ID: 677 7765 8850 Passcode: Gb1C*rEQ
Link 2 - Tamil/English	Meeting ID: 642 6965 3778 Passcode: .JScbh8e
Link 3 - Sinhala/English	Meeting ID: 664 8179 6874 Passcode: qq*LnV4b
Link 4 - Tamil/English	Meeting ID: 679 4802 3415 Passcode: 6AEKtzR
4th December 2021	
Link 1 - Sinhala/English	Meeting ID: 659 9108 7445 Passcode: sZbe&%t0
Link 2 - Tamil/English	Meeting ID: 652 0611 6312 Passcode: #gF4Qnuv
Link 3 - Sinhala/English	Meeting ID: 680 5554 7718 Passcode: aEAC4#1X
Link 4 - Tamil/English	Meeting ID: 640 4828 3182 Passcode: nv@7?Sw9

Pre - registration Orientation Sessions

You can obtain more details about the OUSL and its science degree programme by attending pre-registration orientation sessions conducted ahead of the dates for Registration.

It is compulsory to attend one of these sessions and bring the original G.C.E. (A.L) and G.C.E. (O.L) or equivalent certificates with photocopies. At orientation, you are assigned an academic staff member who will act as your personal counsellor. He/she will assist you in clarifying any doubts related to the Programme, guide you in selecting courses and in filling the registration form correctly.

Table 12-Schedule of Orientation Sessions- 9.00 a.m. - 1.00 p.m.

Link & Medium	Time
22nd December 2021	
Link 1 - Sinhala/English	Will be notified later
Link 2 - Tamil/English	Will be notified later
Link 3 - Sinhala/English	Will be notified later
Link 4 - Tamil/English	Will be notified later
26th December 2021	
Link 1 - Sinhala/English	Will be notified later
Link 2 - Tamil/English	Will be notified later
Link 3 - Sinhala/English	Will be notified later
Link 4 - Tamil/English	Will be notified later

Registration

Registration sessions are held at the nine Regional Centres. Once you apply for the programme, the university will inform the date and centre you will be required to attend to register for the programme.

When you come for Registration you need to bring:

1. National identity card and a photocopy
2. Original Birth Certificate and a photocopy
3. Two passport size photographs (35mm x 45mm)
4. G.C.E. A.L. (for BSc) or equivalent certificates and photocopies certified by your Personal Counsellor assigned by the University
5. Registration Form (R3) countersigned by Personal Counsellor (Forms will be given at Orientation Sessions)
6. University copy of the paid voucher
7. Declaration form

StART@OUSL[Students Academic Readiness Training at OUSL]

It is a three-month training programme to facilitate students to develop their study skills in order to become independent learners in the Open and Distance Learning (ODL) system of the Open University. It comprises three compulsory courses and three optional courses offered at **Level 3**, the first year of the degree programme

Compulsory courses:

FDE3020 Empowering for Independent Learning (EfIL) - (Free)

LEE3410/LTE3401 English General Academic Purposes (EGAP) - Rs. 5500/=

CSE3213 ICT Skills - Rs. 3000/=

A Student should offer all three compulsory courses to complete the StART@OUSL programme.

Optional courses:

You may also offer some of the following optional courses if you so wish.

Soft Skills for Personality Development

Activity based practical oriented workshops. Attendance compulsory for all workshops

Tamil and Sinhala Language courses

PLEASE NOTE

1. IT IS COMPULSORY TO PASS THE EfIL COURSE (FDE3020) TO REGISTER AT **LEVEL 4**.
2. IT IS COMPULSORY TO PASS THE COURSES: LEE3410, CSE3213 and CYE3200 TO REGISTER AT **LEVEL 5**.

Fees

Fees for students registering for the BSc Degree Programme in the academic Year 2021/22 are as follows.

Registration Fee	-	Rs.	400.00
Facilities Fee	-	Rs.	1,500.00
Refundable Lab Deposit	-	Rs.	1,100.00
Library Facilities	-	Rs.	100.00
StART@OUSL	-	Rs.	8,500.00 (Full package) also refer page 22

Tuition Fees (for local students)

Tuition fees for the academic year may differ depending on the number of credits that you register.

Course fee

1. Tuition Fee: Rs. 2,130/= per credit
2. Course Materials Fee:
 - 2.1 For Printed Course Materials – Rs. 240/- per credit
 - 2.2 For Soft copy of Course Materials (pdf file): free of charge
3. Number of Credits of regular courses to be offered/registered per year – between 8-30

First Instalment

As, first instalment, BSc students will initially receive a voucher corresponding to **24 credits**. For this first instalment you will have to pay 60% of Tuition fees (**Rs.30,672/=**).**The payment may be reduced at the time of registration if you wish to register for a lesser number of credits.**

First instalment has to be paid at the time of registration for BSc Degree Programme.

Second Instalment

Second instalment, which is 40% of tuition fees, is due in approximately 5 months after the registration. The amount would be **Rs.20,448/=**.

Note:

If you wish to cancel your registration and withdraw from the programme of study, you will be required to inform the relevant Assistant Director/Regional Centre.

A refund will be made only if you notify before the Add/Drop date.

You will be receiving **two separate vouchers**; one for BSc programme and the other for StART@OUSL Programme. You are required to make **payments for both vouchers** before coming for registration.

Teaching Staff

TEACHING STAFF - Department of Botany	
Dr. K.O.L.C. Karunanayake (Head) B.Sc. (Peradeniya), M.I. Biol (SL); Ph.D. (Peradeniya)	Prof. Shyama R. Weerakoon B. Sc. (Colombo); Ph.D. (Western Australia) C.I. Biol. (SL); F.I. Biol (SL)
Prof. H.L. Darshani Weerahewa B.Sc.(Peradeniya); Ph.D.(Peradeniya), M.I. Biol (SL); C.I. Biol (SL)	Prof. Thamara K. Weerasinghe B.Sc (Kelaniya); Ph.D.(Kelaniya); M.I. Biol (SL)
Dr. L.K.R.Ramani Jayakody B.Sc. (Colombo); Ph.D. (Lancaster); M.I. Biol. (SL)	Dr. P. W.H.K.Priyadarshani Daulagala (KRC) B.Sc. (Peradeniya); Ph.D. (Aberdeen) M.I. Biol. (SL); C.I. Biol. (SL)
Dr. K.A.J.M. Kuruppuarachchi B.Sc., M.Sc. (Sri Jayawardenepura); PG.Dip. Edt, MEd. (OUSL); Ph.D. (OUSL); M.I. Biol (SL); C.I. Biol (SL); F.I. Biol (SL)	Dr. S.A.D. Prasad Senadheera B.Sc. (Colombo); PG. Dip. IT (Kelaniya); Ph.D. (Colombo)
Dr. K.A.R.S. Perera BSc (OUSL), M.Sc. (Sri Jayawardenepura); Ph.D. (Kelaniya); PG Dip. Distance Education (IGNOU) M.I. Biol. (SL); C.I. Biol. (SL); F.I. Biol (SL)	Ms. Y.A. Samithri (MRC) B.Sc. (Peradeniya); MPhil (Peradeniya); Dip.HRM& OB (ACHE -Kandy)
Dr. L.D.K. Marasinghe (KRC) B.Sc. (Peradeniya); Ph.D. (Edinburgh)	Dr. W.H.M.A.T. Herath B.Sc.(Peradeniya); Ph.D.(Peradeniya), M.I. Biol (SL)
Ms. P. Pradeepa D.C. Perera B.Sc. (Colombo); M.Sc. (Colombo); M.I. Biol. (SL); M.Phil.(kelaniya)	Ms. K.I.C. Amarasinghe B.Sc. (Colombo); PG. Dip. (Colombo) PG. Dip. Edu. (OUSL); M.Sc.(Colombo); M.I. Biol. (SL); M.Phil.(OUSL)
Mr. B.C. Gunaratne (MRC) B.Sc. (Sri Jayawardenepura); MSc (Sri Jayawardenepura); M.I. Biol(SL)	Dr. S.M.M.P.K. Seneviratne B.Sc. (Peradeniya); M.Sc. (Peradeniya); Ph.D. (Adelide)
Dr. H.B.P. Sandani B.Sc. (Ruhuna); Ph.D. (Ruhuna)	Ms. E.H.C.M. Eeriyawala B.Sc. (Peradeniya)
Ms. M. Kajenthiran B.Sc. (Jaffna)	
TEACHING STAFF - Department of Chemistry	
Prof. R. Senthilnithy (Head) B.Sc. (Jaffna); M.Phil. (Jaffna), Ph.D. (Colombo) F. I.Chem. C.; Chartered Chemist	Prof. K. Sarath D. Perera B. Sc. (Sri Jayawardenepura); Ph.D. (Belfast); F.I.Chem.C.
Prof. (Ms) S.Ruvini Hettiarachchi (MRC) B.Sc. (Ruhuna); Ph.D. (Maine); M.I. Chem.C.; Chartered Chemist	Prof. Rukmal Ratnayake (KRC) B. Sc.; Ph. D. (Peradeniya)
Mr. M.R.M. Haniffa B.Sc. (Colombo); M.Sc. (Hawaii); F. I.Chem. C.; Chartered Chemist	Ms. M.N.Kumudini de Zoysa Graduate Chemist (Institute of Chemistry, Ceylon); M.A. (IGNOU); M Phil. (OUSL); M.I.Chem.C.; Chartered Chemist
Ms. M. Thayaparan B.Sc. (Hons) (Jaffna); M.Phil. (OUSL); M.I.Chem.C	Ms. M.D.Janakie S. Saparamadu B.Sc.; M.Sc. M.Phil. (Colombo); M.I. Chem.C.
Dr. Chandani Ranasinghe B.Sc.; M.Phil. (Peradeniya); Ph.D. (Sri Jayawardenepura); M.I.Chem.C.; Chartered Chemist	Dr. D. T. Abeysinghe B. Sc. (Kelaniya); M.Sc. (Colombo); M.I. Chem.C.; Ph.D. (Iowa)
Dr. D.D.D.H. Alwis B.Sc., Ph.D. (Sri Jayawardenepura); Graduate Chemist (I. Chem., Ceylon); M.I.Chem.C.	Mr. D.R. Kulatunge B.Sc. (Peradeniya); M.Sc. (Colombo); M.Phil. (OUSL)
Dr. Lahiru Wijenayaka BSc (Chemistry) (Colombo), PhD (Iowa, USA)	Dr. D.V.D. Hemalika (MRC) B.Sc. (Ruhuna) Ph.D. (Sri Jayawardenepura)
Dr. Kumudika G. Jayalath B.Sc.; Ph.D. (Kelaniya)	Dr. Sanjeeva K. Rodrigo B.Sc. (Peradeniya); Ph.D. in Chemistry (University of Cincinnati, USA)
Mr. A.S. Dikkumbura (KRC) (on study leave) B.Sc. (Sri Jayawardanapura); M.Sc. (USA)	Ms. S. Thulasi (JRC) (on study leave) B.Sc (Jaffna); M.Phil. (Peradeniya)

TEACHING STAFF - Department of Computer Science

<p>Ms. I.D.I.D Ariyasinha(Head) B.Sc. (Sri Jayawardenepura); MPhil (Sri Jayawardhanapura)</p>	<p>Mr. W.P. Duminda de Silva B.Sc. (Colombo); M.Sc. (AIT)</p>
<p>Eng. Ms. C. S. Weliwita B.Sc. (Hons) (Eng) (Peradeniya); M.Phil.Eng.(Peradeniya)</p>	<p>Ms. W.C.Uduwela B.Sc. (Kelaniya); M.Phil. (Kelaniya)</p>
<p>Dr. M. PUNCHIMUDIYANSE B.Sc. (Colombo); M.Sc. (Moratuwa); Ph.D. (Sri Jayawardenepura)</p>	<p>Dr. A.M.P.B. Abeysinghe B.Sc. (PDN), PG Dip. in Computer Technology (CMB), PG Diploma in Distance Education (OUSL), M.Sc. in Computer Science (CMB), Ph.D. (OUSL)</p>
<p>Dr. M.J.RenukaPerera B.Sc. (University of Sri Jayawardenapura), PG Dip. in Computer Technology(School of Computing, University of Colombo), MBA (OUSL), Ph.D (Management and Science University, Malaysia)</p>	<p>Ms. S.N. Dissanayake B.Sc. (OUSL); M.Phil. (OUSL)</p>
<p>Ms. G.M.C.S. Megasooriya B.Sc. (Peradeniya); PGD in IT (Colombo); Advance Dip. in English (Colombo); M.Sc. (Peradeniya)</p>	<p>Ms. H.M.L.N.K. Herath B.Sc. (Peradeniya); M.Phil. (Peradeniya)</p>
<p>Ms. W.A.S.N Perera B.Sc. (Moratuwa)</p>	

TEACHING STAFF - Department of Mathematics

<p>Ms. K.D.V.F. Siriwardena(Head) B.Sc. (Sri Jayawardhanapura); PG. Dip.Ed. (OUSL) M.Sc. (Sri Jayawardhanapura); MPhil (Sri Jayawardhanapura)</p>	<p>Dr. M.A.U. Mampitiya BSc (Kelaniya); M.Sc, Ph.D. (Ottawa)</p>
<p>Dr. W.C.W. Navaratna B.Sc. (Colombo); PG Dip. in Appl. Stat.(Colombo) MSc.; Ph.D. (Simon Fraser, Canada)</p>	<p>Ms. M.A.P. De Silva B.Sc. (Kelaniya); MPhil (OUSL)</p>
<p>Mr. S.R. Gnanapragasam B.Sc. (Peradeniya); M.Sc. (Moratuwa); M.Sc. (Peradeniya)</p>	<p>Ms. N.A.M.R. Senavirathna B.Sc. (Sri Jayawardenepura); M.Sc. (Moratuwa)</p>
<p>Mr. U. Angammana (KRC) B.Sc. (Peradeniya); M.Sc (Sri Jayawardenepura)</p>	<p>Mr. K.A.S.N. Fernando B.Sc. (Kelaniya); PG Dip.in Appl. Stat. (Colombo); M.Sc. (Colombo)</p>
<p>Mrs. N.H.E. Hasanthika (MRC) (on study leave) B.Sc. (Ruhuna); M.Phil. (Kelaniya)</p>	<p>Dr. H.O.W. Peiris B.Sc. (Sri Jayawardenepura); Ph.D. (Colombo)</p>
<p>Mr. C. Halwathura B.Sc. (Colombo)</p>	<p>Mr. B.P.K. Senarath (MRC) B.Sc. (Ruhuna)</p>

TEACHING STAFF - Department of Physics

<p>Dr.J.Vijayana P. Fernando(Head) B.Sc.; M.Phil. (Colombo); Ph.D. (Colombo)</p>	<p>Prof. J.C.N. Rajendra B.Sc. (Jaffna); M.Phil. (Sussex,UK); C.Phys., M.Inst.P. (UK), MIPSL</p>
<p>Prof. G.W.A. Rohan Fernando B.Sc.; M.Phil. (Peradeniya); Ph. D. (Mainz, Germany), Chartered Geologist</p>	<p>Prof. V. P. SusiraPerera B.Sc.; M.Phil.; Ph.D. (Colombo); MIP (SL); Chartered Physicist</p>
<p>Prof. G.K.R. Senadheera (KRC) B.Sc., Ph.D. (Peradeniya); Chartered Physicist</p>	<p>Dr. N. Karthikeyan B.Sc.; M.Sc.; M.Phil. (Madras); M.I.P(SL); Chartered Physicist; Ph.D.</p>
<p>Dr. H.K. WasanatsuriJayawardana B.Sc., M.Phil., Ph.D. (Colombo)</p>	<p>Dr. N.U.S. Yapa (KRC) B.Sc., M.Phil. (Ruhuna); Ph.D. (Peradeniya)</p>
<p>Dr. G.D. Illeperuma B.Sc. (Colombo), B.I.T.; M.I.P (SL); Ph.D. (Colombo)</p>	<p>Dr. S. Ahilan (JRC) B.Sc. (Jaffna); M.Sc. (Bolton); Ph.D. (Bolton)</p>
<p>Ms. Deepa R. Abeysdeera B.Sc. (Sri Jayewardenapura); P. G. Dip.Stat.; P.G. Dip.Ed. (OUSL); M.Sc. (Colombo), M.Phil. (colombo)</p>	<p>Dr. K. Nayana D. Bandara B.Sc (Colombo); PG Dip. Ed. (OUSL); M.Sc (PGIA, Peradeniya); Ph.D. (Colombo)</p>
<p>Ms. K. RupikaDissanayake B.Sc. (Colombo); PG Dip. Ed. (OUSL); M.Sc. (Colombo)</p>	<p>Ms. Renuka D. Hettiarachchi B.Sc.(Colombo);P.G.Dip.Stat.; M.Sc. (Colombo)</p>
<p>Mr. D.L.N. Jayatilake B.Sc.,M.Sc. (Colombo)</p>	

TEACHING STAFF - Department of Zoology

<p>Dr. Kithsiri H. Jayawardana(Head) B.Sc. (Kelaniya);M.Phil.(Colombo);Ph.D (Colombo); M.I.Biol. (SL); C.Biol.(SL)</p>	<p>Prof. Gaya Ranawaka B.Sc. (Colombo);Ph.D.(London);DIC.</p>
<p>Dr.NayanaNilakarawasam B.Sc. (Colombo); Ph.D. (Stirling);M.I.Biol(SL)</p>	<p>Dr.Subadra K. Wijesekera (KRC) B.Sc. (Peradeniya);Ph.D. (Colombo)</p>
<p>Ms. E.A.D Nalana D. Edirisinghe B.Sc. (Kelaniya), M.Phil.(OUSL); M.I.Biol. (SL)</p>	<p>Mrs. Krishni C. Weerakoon (KRC) B.Sc. (Peradeniya);MPhil.(Peradeniya)</p>
<p>Mr. P.J. Jude (JRC) (on study leave) B.Sc. (Jaffna); M.Phil. (Jaffna)</p>	<p>Ms. W.A.Y. Chandran B.Sc. (SriJayewardenapura); M.Sc.(Colombo); M.Phil (OUSL); PG. Dip. Ed.(OUSL);M.I. Biol.(SL)</p>
<p>Dr. D.D.G.L. Dahanavaka B.Sc.;M.Phil. (Kelaniya); Ph.D.(Ibaraki,Japan); M.I. Biol (SL)</p>	<p>Dr. U.A. Jayawardana B.Sc.; M.Phil. (Peradeniya); Ph.D (Colombo)</p>
<p>Dr. NeethaPunchihewa BSc (Sri Jayewardenapura); M.Phil. (OUSL);Ph.D.(OUSL);PGDip.Education (OUSL); PG.Dip. Envi Health (Massey NZ);M.I. Biol. (SL); C.Biol(SL), F Biol(SL)</p>	<p>Dr.Chanika D. Jayasinghe B.Sc. (Colombo); M.Sc. (Osaka);M.I.Biol. (SL); Ph.D.(Colombo)</p>
<p>Mr. T.S.P. Fernando B.Sc. (Colombo); M.Phil. (Colombo); M.I. Biol. (SL)</p>	<p>Dr.Ruwan J. Illeperuma B.Sc. (OUSL); Ph.D. (Colombo)</p>
<p>Ms. Kalpanee O. Bandaranayake B.Sc. (Peradeniya); M.Phil.(Peradeniya)</p>	<p>Dr. W. Wasana P. Rodrigo B.Sc. (OUSL); M.Sc. (Peradeniya); Ph.D.(Colombo); M.I.Biol. (SL); C.Biol.(SL)</p>

Learner Support

At the OUSL, students are supported in many ways as described below.

Counselling

At the time of registration, you will be assigned an academic staff member as a personal counsellor from whom you may get advice and guidance on selecting courses and other academic matters throughout your undergraduate studies. The Faculty has appointed student counsellors to help you overcome any general problems.

Day Schools

Day schools are interactive sessions where you are given an opportunity to meet the academic staff coordinating the course (your course teachers) and discuss problems you may come across in studying your course material. Day schools may be conducted in online mode (zoom, google meet platforms) as well. In addition to day schools, we provide face-to-face support through workshops, tutorial sessions and practical classes.

Supplementary Online Support for Courses

In order to give you additional help and also to get you familiarized with modern learning trends and tools, courses in the degree programme are supplemented with an online component. Once you register for a course with an online component, you will be informed and advised on how to access and use it.

Laboratory Facilities

Laboratory facilities are available at the Colombo, Kandy and Matara Regional Centres, where you have the opportunity to engage in practical work. Depending on the resources available, some departments may conduct a few practical sessions at Jaffna Regional Centre (JRC), Batticaloa Regional Centre (BRC) and Anuradhapura Regional Centre (ARC). Computer Laboratory facilities with the Internet access, are available at all Regional Centres and at many study centres.

Library Facilities

OUSL library network consists of the main library located at the central campus and regional libraries at other regional centres. Libraries have the latest collection of books for reference & lending purposes as well as access to past examination papers.

Libraries also provide facilities to view CDs/DVDs and videos relevant to your study programme. You have free internet access including access to valuable e-learning resources.

Duty Leave for Government Teachers

If you are a Government teacher following the B.Sc. Degree programme at OUSL, you are entitled to study leave to participate in academic activities (Ref. Circular No. 26/2013 issued by the Ministry of Education - www.moe.gov.lk).

Appendix 1- Contact Telephone Numbers and email addresses

Dean/Natural Sciences	0112881258	deannsc@ou.ac.lk
Head/Botany	0112881134	hdbot@ou.ac.lk
Head/Chemistry	0112881385	hdchem@ou.ac.lk
Head/Computer Science	0112881579	hdcs@ou.ac.lk
Head/Mathematics	0112881309	hdmaths@ou.ac.lk
Head/Physics	0112881489	hdphy@ou.ac.lk
Head/Zoology	0112881488	hdzoo@ou.ac.lk
Faculty Coordinator/Kandy	0812499371	nuyap@ou.ac.lk
Faculty Coordinator/Matara	0412222943	dvhem@ou.ac.lk
Faculty Coordinator/Anuradhapura	0252222871	
Faculty Coordinator /Batticaloa	0652222264	subayoga24@yahoo.com
Faculty Coordinator/Jaffna	0212223374	sahil@ou.ac.lk
Asst. Registrar/Natural Sciences	0112881226	arnsc@ou.ac.lk

Appendix 2- Locations of Regional and Study Centres

Centre	Code	Address (Telephone)
The Open University Regional Centres (OURC)		
Colombo	WP10	OURC, Nawala, Nugegoda (011-2853930)
Jaffna	NP40	OURC, Browns Road, Kokuvil, Jaffna (021-2223374)
Kandy	CP20	OURC, Polgolla, Kandy (081-2494083 - 081-2494084)
Matara	SP30	OURC, Nupe, Matara (041-2222943)
Anuradhapura	NC50	OURC, Jayanthi Mawatha (Depot Area), Anuradhapura (025-2222871)
Batticaloa	EP60	OURC, 23, New Road, Batticaloa (065-2222264)
Badulla	UP80	OURC, 08, Bandaranayaka Mw, Badulla, (055-2228842)
Kurunegala	NW70	OURC, Negombo Rd, (Nissanka Mw Junction), Malkaduwwa, Kurunegala (037-2223473)
Ratnapura	SG90	OURC, Hiddellana, Ratnapura (045-2228660)
The Open University Study Centres (OUSC)		
Ambalangoda	SP31	80/1, Polwatte Road, HalwaturaAmbalangoda (091-2258585)
Ambalanthota	SP33	Rajasaranagama Road, Lunama South, Ambalanthota (047-2225533)
Ampara	EP61	Inginiyagala Road, Samapura, Ampara. (063-2222052)
Bandarawela	UP81	St. Thomas Road, Wewatenna, Bandarawela (057-2222820)
Galle	SP32	Labuduwa, Galle (091-2223784)
Gampaha	WP11	Gampaha Road, Miriswatte, Mudungoda.(033-2234571/033-2234572)
Hatton	CP21	Thondaman Vocational Training Centre, Hatton (051-2225139)
Kalutara	WP12	66/2, Nagoda Road, Kalutara (034-2223399)
Kegalle	SG91	KumaratungeMunidasamawatha, Kegalle (035-2222501)
Moneragala	UP82	Technical College Junction, Sirigala, Potuvil Road, Moneragala(055-2277395)
Polonnaruwa	NC51	24 th Mile Post BendiwewaJayanthipura, Polonnaruwa (027-2225776)
Puttalam	NW71	1/137, Colombo Road, Puttalam (032-2266822)
Vavuniya	NP41	366, Kandy Road, Thekkawaththai, Vavuniya (024-2222995)
Killinochchi	NP42	155 th Mile Post, Kandy Road, Killinochchi (021-2283970)
Trincomalee	EP62	26/A, Post Office Rd, Trincomalee (026-2222088)
Kuliyapitiya	NW72	Technical College, Kuliyapitiya, (037-2281181, 037-2281271)
Mullaitiv	NP43	AathiparasakthiAriviyal College, Ward No. 04, IrranippalaiVeethy, Puthukkudiyiruppu, Mullaitiv.
Mannar	NP44	OUSC, RDS Building, Minor Seminary Road, Chavatkaddu, Mannar. (0232-251999)

Appendix 3- Instructions for ONLINE Application

APPLICATION for the BSc Degree Programme online (via internet)

1. Click on the following locations and obtain a username and password
www.ou.ac.lk/ Online Application/create new account

Note:

You need to provide information considered as MANDATORY including an email address and a mobile number, both of which may be your own or could be that of one of your friends. The officials may use them to communicate with you, to acknowledge receipt of your applications and to provide you additional information as and when necessary.

All OU centres will provide internet facilities for those who do not have access; see list.

2. Go to “Online Application” and fill the form and submit
3. Application fees: Rs. 350 by cash or credit/debit card

Sample Online Application form

New User Creation

*** Mandatory fields** - වනු ඇත යම්විට, අදාළ වනු ඇත

Account Details

You can use your own Username and Password. A password must have at least six (6) characters.

Username*

Password*

Confirm Password*

Important: Please write-down your "username" and "password" and keep securely for future use
වැදගත් : අපේ "username" සහ "password" ගැනිනි බලා ගන්න.

Personal Details

Title*

Initial*

Last Name*

Name Denoted by Initials*

Address line 1*

Address line 2*

Address line 3*

District*

NIC/Passport No*

Date Of Birth*

Gender*

Email*

Telephone - Mobile*

Telephone - Fixed

Country*

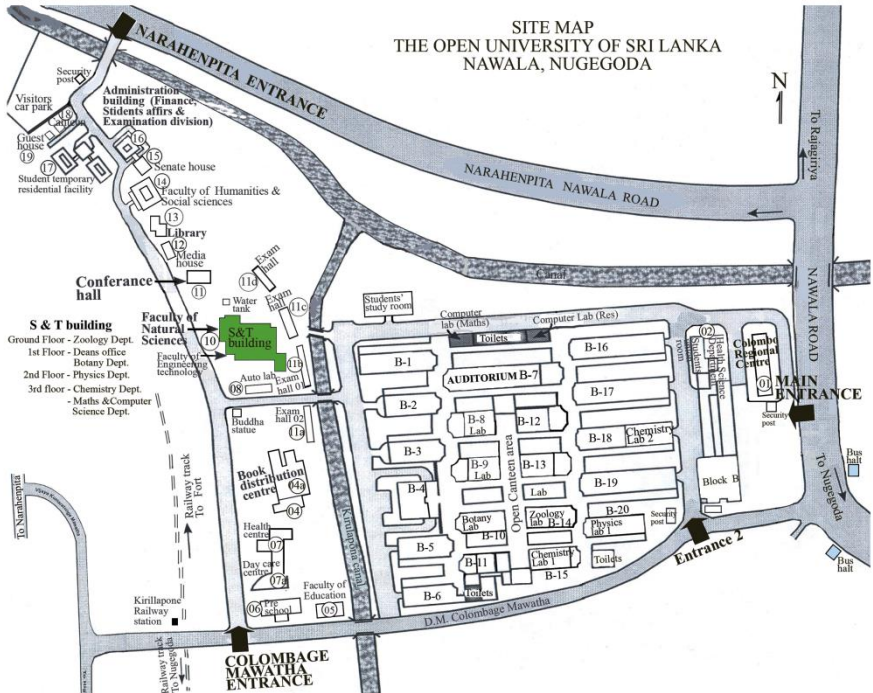
I have double checked the above mentioned details and they are correct according to my knowledge(යොමු කර ඇති සියලුම විස්තර සත්‍ය බවට පරීක්ෂා කළ බවට මම විශ්වාස කරමි.)

Programme Calendar 2021/2022

Activity and Venue	Date
Open days	
Colombo Regional Centre (CRC) Kandy (KRC), Matara (MRC), Jaffna (JRC), Batticaloa (BRC), Anuradhapura (ARC), Kurunegala(KuRC), Badulla (BaRC), Rathnapura (RRC)	21.11.2021 and 04.12.2021 (through zoom)
Orientation /Counselling	
CRC BRC ARC JRC KRC and MRC	22.12.2021 and 26.12.2021 (through zoom)
Registration	
CRC KRC and MRC ARC/BRC/ JRC Kurunegala/Badulla/Rathnapura	03. 02.2021 to 15.02.2021 (on site)
Late Registration	
CRC/BRC/JRC/MRC/KRC/ARC	11.03.2022 and 12.03.2022 (on site)
Add / drop courses	
CRC/BRC/JRC/MRC/KRC/ARC	06.06.2022 and 11.06.2022 (on site)
Drop courses	
CRC only	09.07.2022 (onsite)
Commencement of Semester 1	EGAP - 20.03.2022 ICT SKILLS - 19.03.2022 ACADEIC ACTIVITIES -18.05.2022

Important Notice

If you have not received the package calling you for Registration on or before **02.20.2022** for **BSc Degree Programme**, please contact Senior Assistant Registrar/Student Affairs on **0112881205** or Assistant Registrar Faculty of Natural Science **0112-881226** at your earliest. You must attend the relevant registration session as mentioned



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Attend an Open Day / Orientation Session to FIND OUT MORE____

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